

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131861.D
 Acq On : 28 Dec 2022 15:26
 Operator : CG\JU
 Sample : N6206-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131861.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.016	493	498	504	rBV	315014	377243	6.90%	0.276%
2	5.428	565	568	576	rVB	1082913	943379	17.25%	0.689%
3	5.981	655	662	665	rVB	409857	442814	8.09%	0.324%
4	6.057	670	675	682	rBV3	280923	424560	7.76%	0.310%
5	6.275	710	712	716	rVV	674950	587783	10.74%	0.430%
6	6.451	736	742	746	rBV	659318	626571	11.45%	0.458%
7	6.775	790	797	800	rBV2	359875	470670	8.60%	0.344%
8	6.828	803	806	810	rVB2	763253	862457	15.77%	0.630%
9	6.881	811	815	817	rBV	1208520	1042263	19.05%	0.762%
10	6.969	827	830	833	rBV4	384548	467857	8.55%	0.342%
11	7.004	833	836	839	rVB	1938148	1767909	32.32%	1.292%
12	7.075	845	848	850	rVV	548868	555529	10.16%	0.406%
13	7.145	858	860	862	rVV	556052	436939	7.99%	0.319%
14	7.216	866	872	875	rBV3	335181	444241	8.12%	0.325%
15	7.363	889	897	900	rBV2	1933883	2434572	44.50%	1.779%
16	7.398	900	903	906	rVV2	2697078	2695430	49.27%	1.970%
17	7.469	910	915	919	rBV4	530177	777520	14.21%	0.568%
18	7.510	919	922	925	rBV2	431023	580694	10.62%	0.424%
19	7.598	930	937	940	rVV	1213330	1415942	25.88%	1.035%
20	7.628	940	942	946	rVB2	452057	477653	8.73%	0.349%
21	7.716	953	957	961	rBV3	440883	797293	14.57%	0.583%
22	7.763	961	965	966	rVV3	455033	703074	12.85%	0.514%
23	7.787	966	969	973	rVV	1670957	1704142	31.15%	1.245%
24	7.857	973	981	984	rVV	3997288	4180626	76.42%	3.055%
25	7.881	984	985	990	rVV3	405595	417404	7.63%	0.305%
26	7.934	990	994	995	rVV4	410401	450085	8.23%	0.329%
27	7.957	995	998	1000	rVB	1146429	917107	16.76%	0.670%
28	7.987	1000	1003	1006	rVB	580164	555141	10.15%	0.406%
29	8.110	1010	1024	1026	rBV	1749538	3579511	65.43%	2.616%
30	8.139	1026	1029	1031	rVV2	1960305	2174353	39.75%	1.589%
31	8.163	1031	1033	1038	rVV2	1461133	2081429	38.05%	1.521%
32	8.204	1038	1040	1043	rVB	631866	482727	8.82%	0.353%
33	8.275	1048	1052	1053	rBV2	364719	404879	7.40%	0.296%
34	8.316	1056	1059	1062	rVB2	1275528	1154884	21.11%	0.844%
35	8.363	1062	1067	1069	rBV2	709648	888483	16.24%	0.649%
36	8.398	1070	1073	1079	rVB3	1073729	1461338	26.71%	1.068%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.504	1087	1091	1093	rBV	1264397	1121477	20.50%	0.820%
38	8.545	1093	1098	1102	rBV	1371618	1589316	29.05%	1.161%
39	8.587	1102	1105	1108	rVB	891593	865367	15.82%	0.632%
40	8.628	1108	1112	1115	rBV2	2261486	2077640	37.98%	1.518%
41	8.710	1124	1126	1130	rBV3	730162	919292	16.80%	0.672%
42	8.763	1130	1135	1136	rBV4	350802	460151	8.41%	0.336%
43	8.786	1136	1139	1141	rVV3	826475	758555	13.87%	0.554%
44	8.851	1144	1150	1152	rVB	4185756	4895057	89.48%	3.577%
45	8.951	1160	1167	1169	rBV	4999618	5470430	100.00%	3.998%
46	8.969	1169	1170	1174	rVB2	554747	318348	5.82%	0.233%
47	9.028	1177	1180	1184	rVB2	662808	666271	12.18%	0.487%
48	9.069	1184	1187	1189	rBV	437794	429850	7.86%	0.314%
49	9.145	1196	1200	1203	rBV2	1904095	2058554	37.63%	1.504%
50	9.204	1206	1210	1214	rVB	2838927	2723568	49.79%	1.990%
51	9.275	1219	1222	1229	rBV4	760703	1328758	24.29%	0.971%
52	9.357	1233	1236	1238	rVB	872578	839311	15.34%	0.613%
53	9.404	1241	1244	1250	rVB	1464727	1695894	31.00%	1.239%
54	9.481	1251	1257	1260	rVB	2671057	3772424	68.96%	2.757%
55	9.557	1262	1270	1272	rBV	3447240	5387641	98.49%	3.937%
56	9.581	1272	1274	1276	rVV	2320444	2020185	36.93%	1.476%
57	9.610	1276	1279	1281	rVB2	3043140	2891877	52.86%	2.113%
58	9.633	1281	1283	1285	rBV2	532162	454998	8.32%	0.333%
59	9.669	1285	1289	1291	rBV	1864401	1852952	33.87%	1.354%
60	9.751	1300	1303	1306	rVV	1686858	1524919	27.88%	1.114%
61	9.792	1308	1310	1314	rVB3	714647	685495	12.53%	0.501%
62	9.869	1318	1323	1328	rBV4	1409293	2522451	46.11%	1.843%
63	9.928	1328	1333	1335	rVV3	1038648	1523176	27.84%	1.113%
64	9.951	1335	1337	1341	rVB3	583510	642384	11.74%	0.469%
65	9.992	1341	1344	1349	rVB	1613563	2082958	38.08%	1.522%
66	10.033	1349	1351	1355	rBV4	567103	780098	14.26%	0.570%
67	10.092	1356	1361	1365	rVB2	1970942	2610758	47.72%	1.908%
68	10.139	1365	1369	1373	rBV2	2199753	2295140	41.96%	1.677%
69	10.210	1377	1381	1384	rBV	1788710	2096760	38.33%	1.532%
70	10.239	1384	1386	1388	rVB	1240237	776341	14.19%	0.567%
71	10.298	1392	1396	1398	rBV2	1267298	1590509	29.07%	1.162%
72	10.375	1406	1409	1410	rBV3	377546	336004	6.14%	0.246%
73	10.433	1415	1419	1422	rBV3	1160229	1759924	32.17%	1.286%
74	10.510	1430	1432	1433	rBV2	694330	446369	8.16%	0.326%
75	10.545	1433	1438	1442	rVB2	2528829	3599062	65.79%	2.630%
76	10.592	1443	1446	1447	rBV2	448590	445314	8.14%	0.325%

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Instrument :
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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.663	1455	1458	1459	rBV2	381861	336727	6.16%	0.246%
78	10.686	1459	1462	1465	rVV3	1636524	1613849	29.50%	1.179%
79	10.716	1465	1467	1472	rVB4	654163	884108	16.16%	0.646%
80	10.757	1472	1474	1478	rBV4	268321	418275	7.65%	0.306%
81	10.816	1479	1484	1490	rVB2	4404576	5459060	99.79%	3.990%
82	10.880	1490	1495	1498	rBV4	673795	1035105	18.92%	0.756%
83	10.986	1510	1513	1516	rBV3	518321	643994	11.77%	0.471%
84	11.022	1516	1519	1522	rVB4	1113958	1132805	20.71%	0.828%
85	11.133	1536	1538	1544	rVV4	729126	1179001	21.55%	0.862%
86	11.275	1559	1562	1568	rVB2	2629654	3278625	59.93%	2.396%
87	11.386	1578	1581	1583	rBV	887260	893395	16.33%	0.653%
88	11.410	1583	1585	1588	rVB	1052172	846553	15.48%	0.619%
89	11.498	1597	1600	1602	rBV2	409232	432686	7.91%	0.316%
90	11.622	1618	1621	1632	rVB5	980652	1492780	27.29%	1.091%
91	11.892	1664	1667	1669	rBV	815532	804738	14.71%	0.588%
92	11.916	1669	1671	1674	rVB	1036643	1010554	18.47%	0.739%
93	11.998	1682	1685	1687	rVV2	683909	582808	10.65%	0.426%
94	12.022	1687	1689	1692	rVB2	506446	474623	8.68%	0.347%
95	12.363	1744	1747	1750	rVB2	502436	429959	7.86%	0.314%
96	12.439	1757	1760	1763	rVB	690157	629201	11.50%	0.460%
97	12.974	1847	1851	1854	rVB	1882370	1654807	30.25%	1.209%
98	14.027	2027	2030	2034	rVB	384750	332460	6.08%	0.243%
99	14.892	2172	2177	2181	rVB	780000	789398	14.43%	0.577%
100	15.510	2277	2282	2289	rBV	282075	379113	6.93%	0.277%

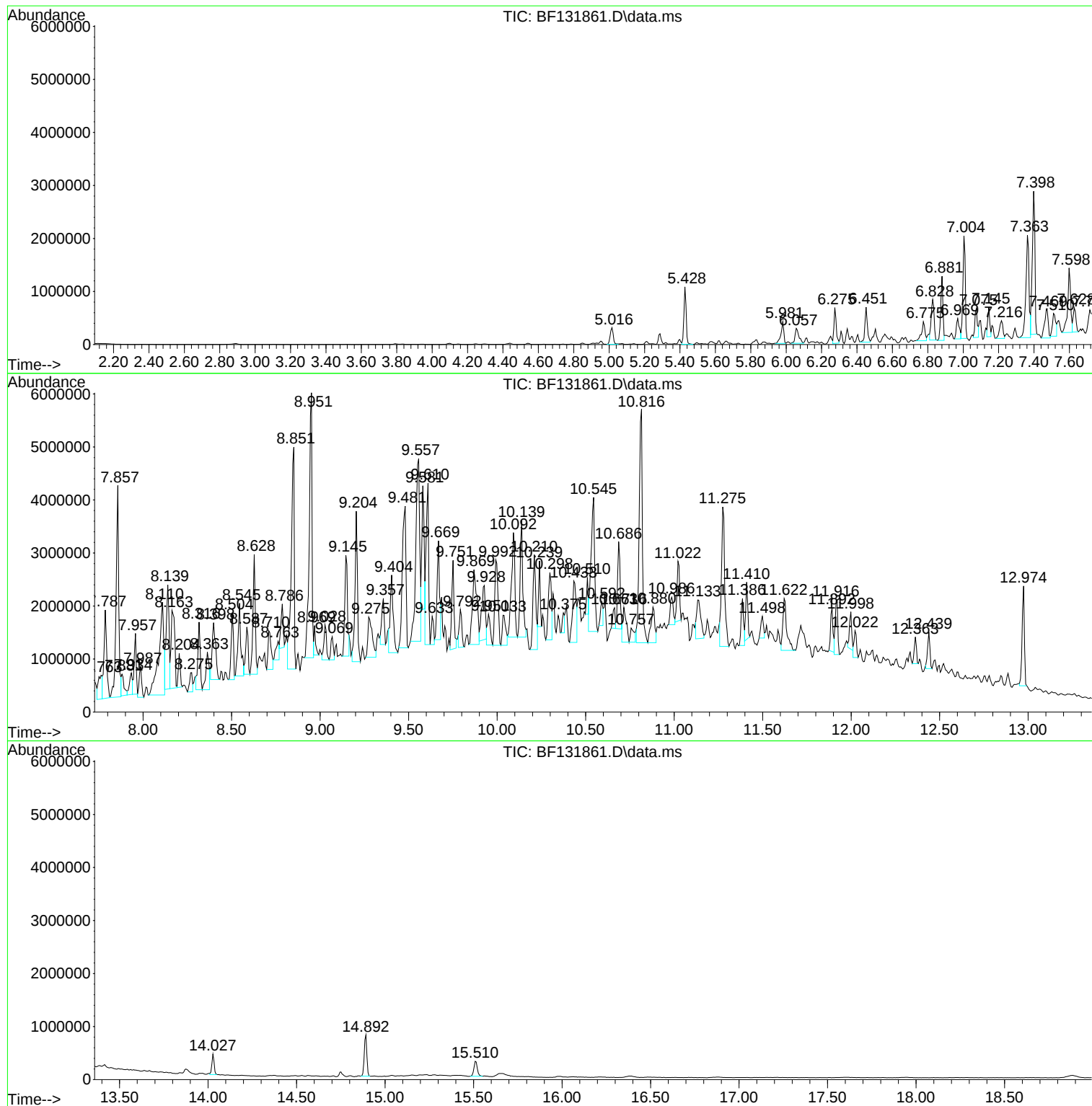
Sum of corrected areas: 136834704

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Operator : CG\JU
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Instrument :
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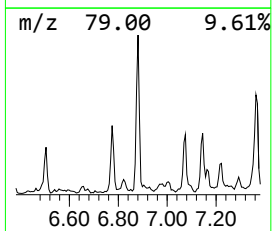
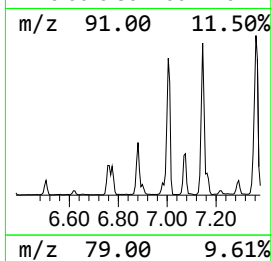
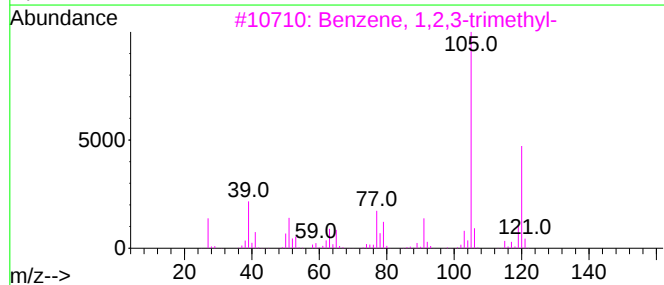
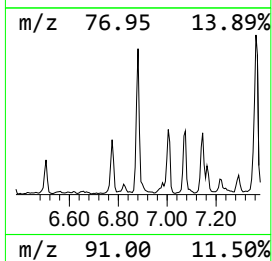
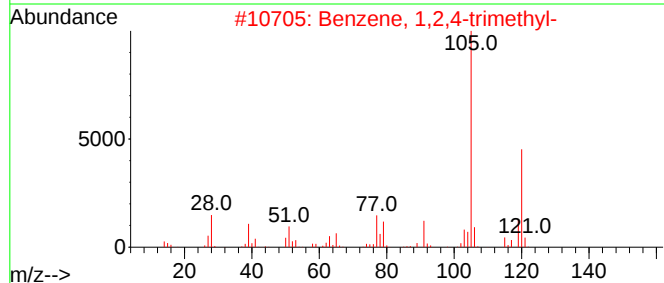
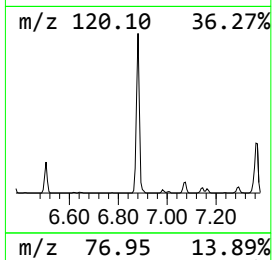
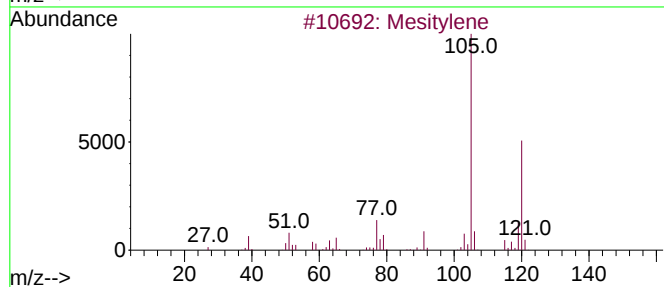
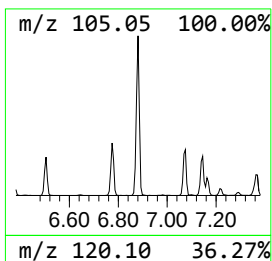
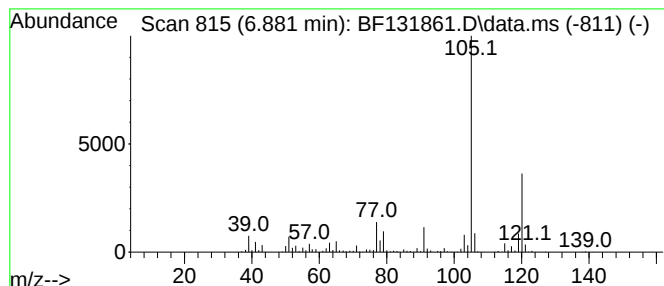
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Mesitylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.881	24.17 ng	1042260	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	95
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



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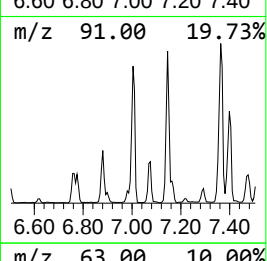
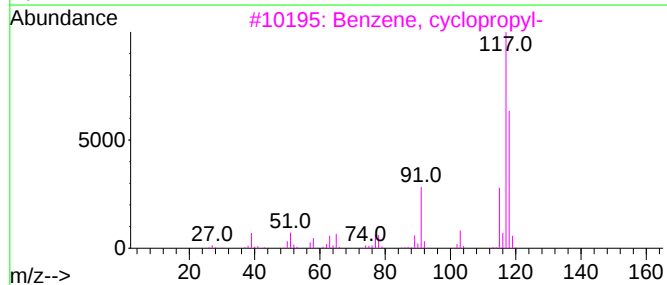
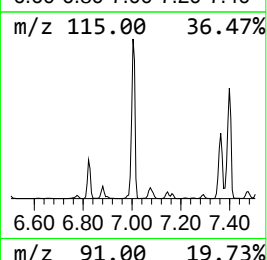
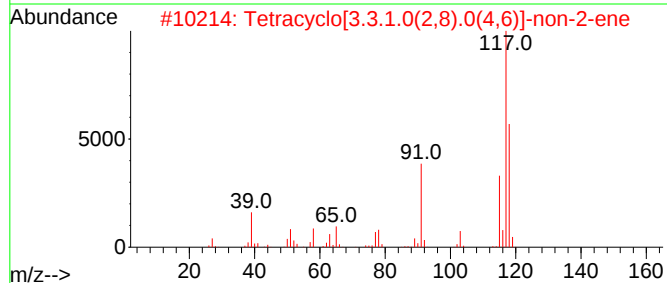
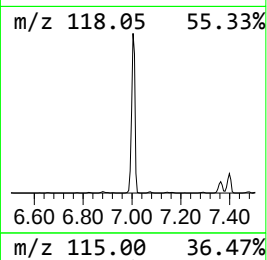
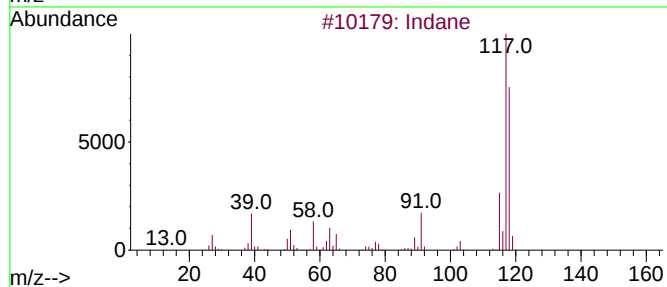
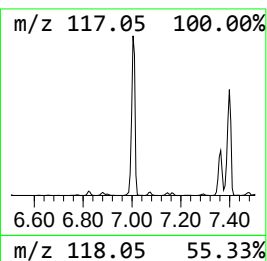
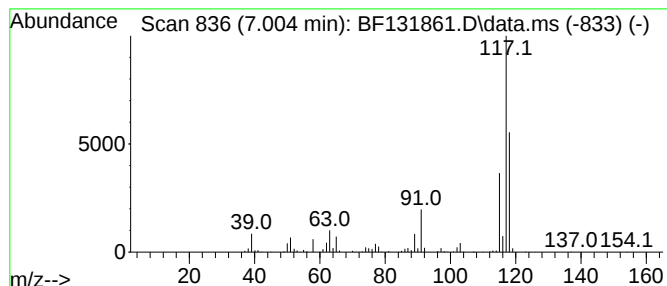
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.004	41.00 ng	1767910	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	87
2			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	59
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
5			Indole	117	C8H7N	000120-72-9	50



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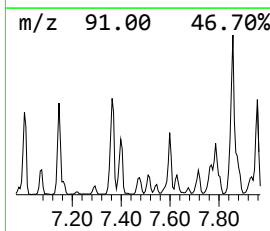
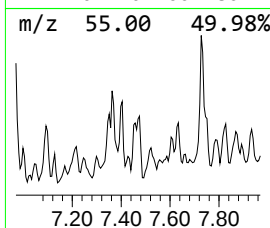
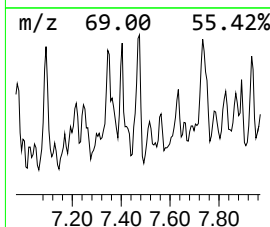
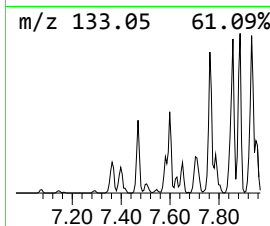
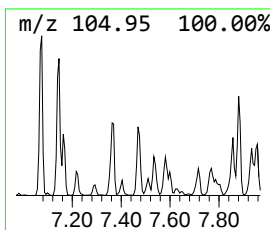
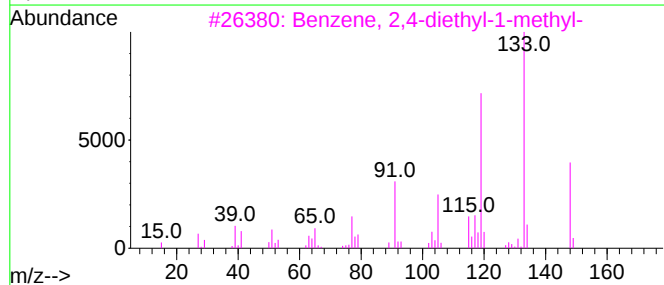
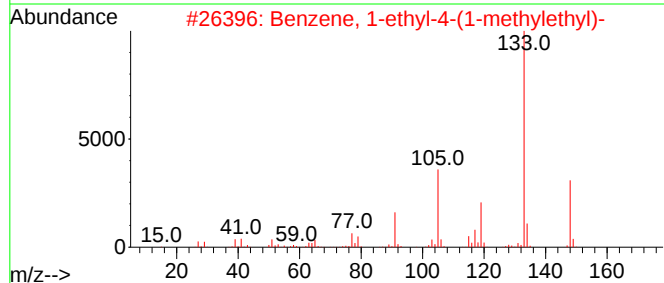
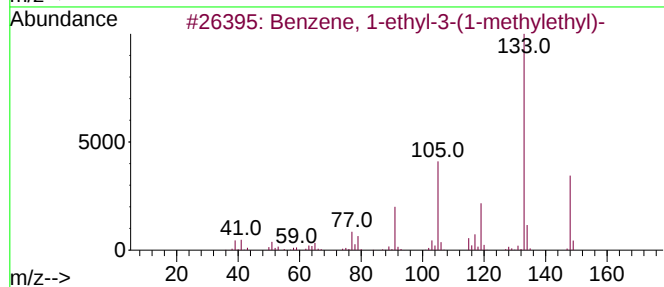
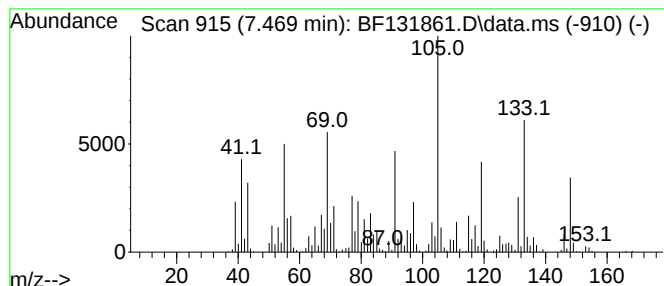
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.469	18.03 ng	777520	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
3			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	60
4			Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	49
5			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

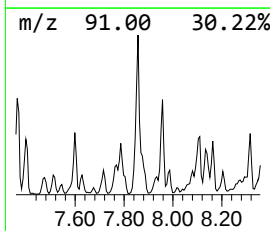
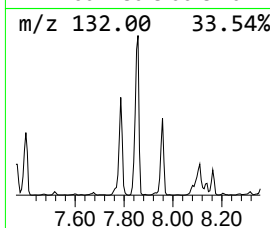
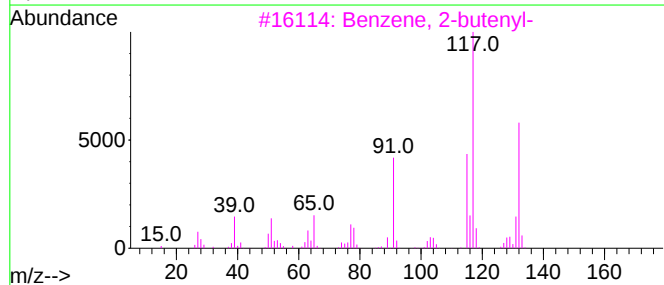
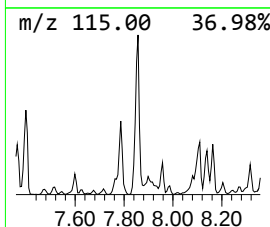
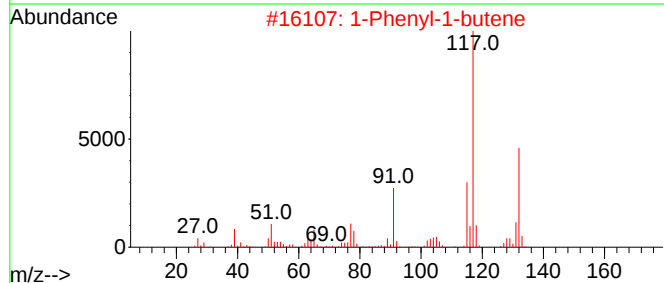
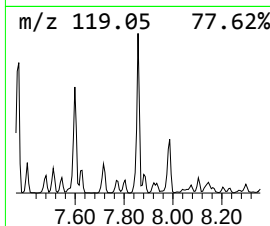
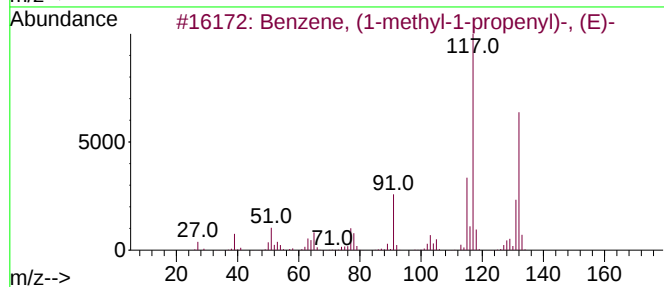
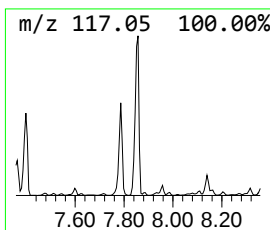
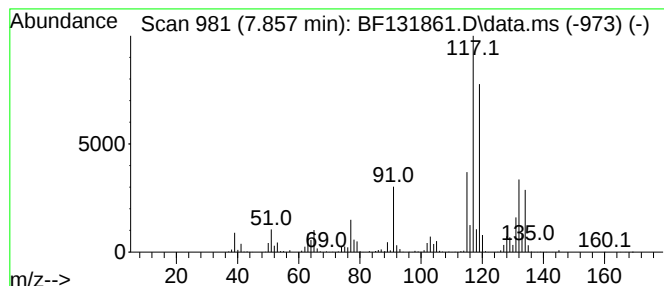
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (1-methyl-1-propen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.857	23.36 ng	4180630	Naphthalene-d8	8.122

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	60
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

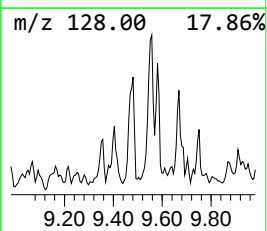
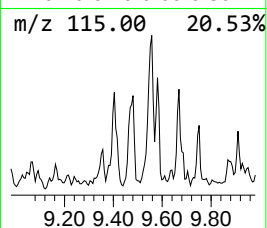
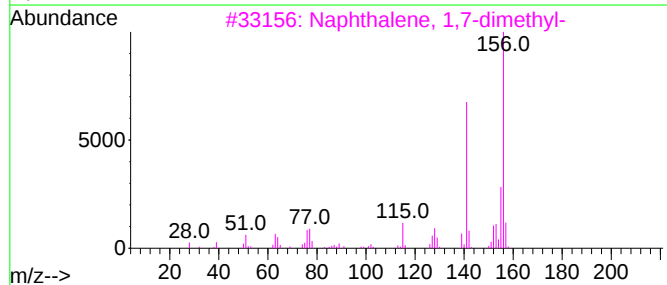
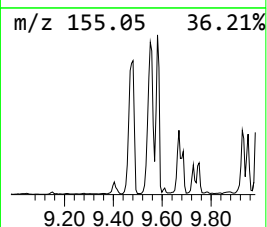
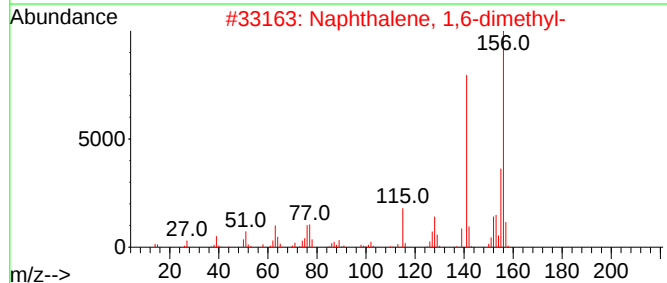
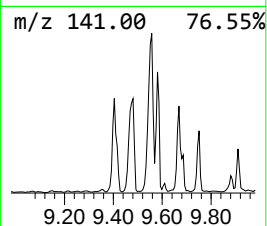
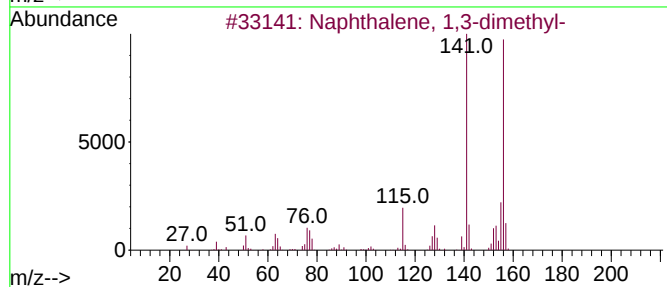
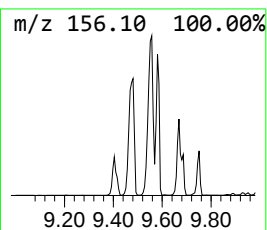
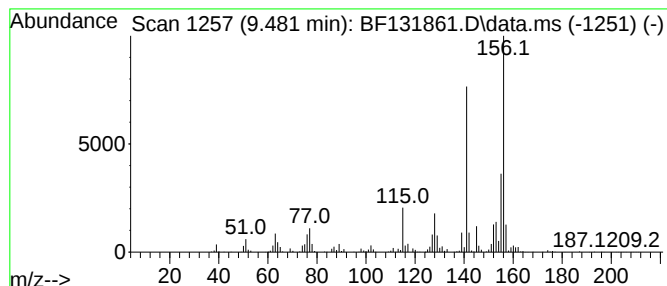
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	29.91 ng	3772420	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

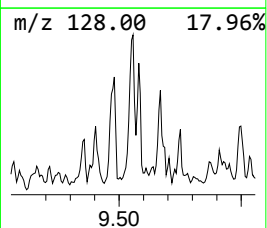
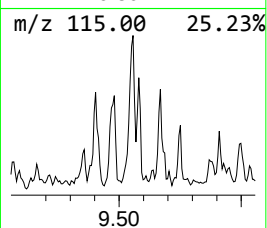
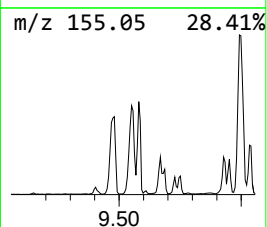
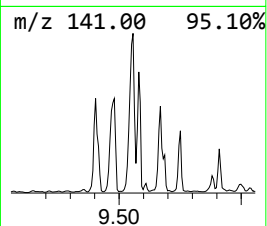
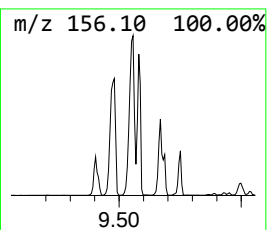
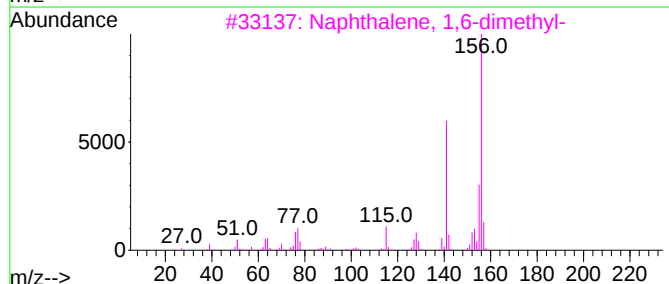
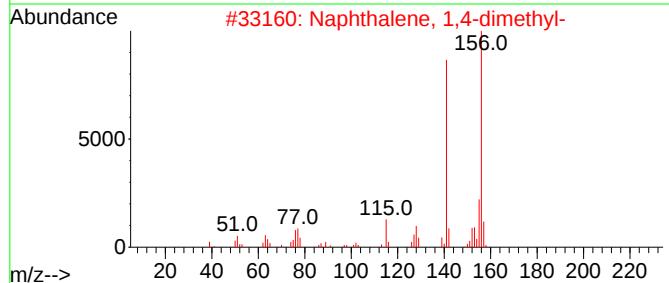
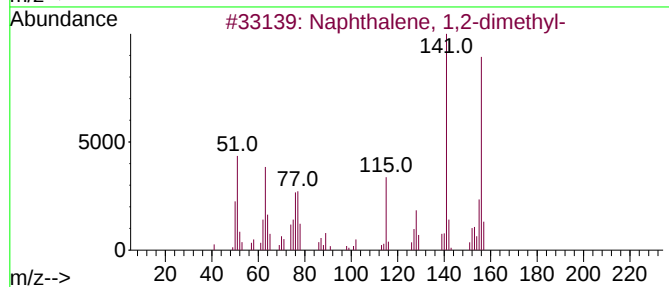
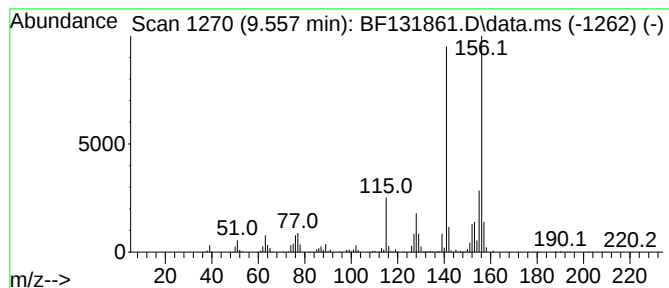
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.557	42.72 ng	5387640	Acenaphthene-d10		9.886	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-		156	C12H12	000573-98-8	97
2	Naphthalene, 1,4-dimethyl-		156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-		156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-		156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

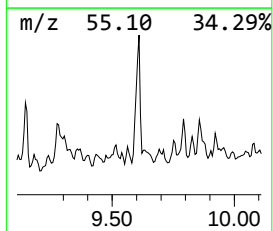
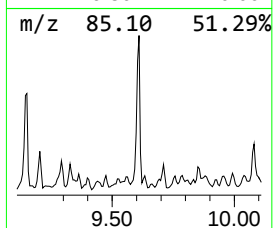
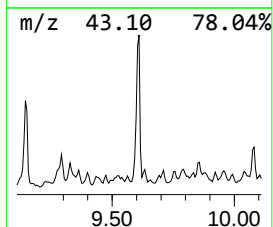
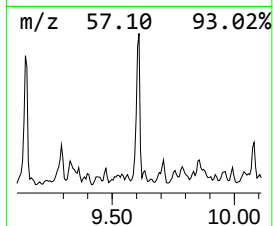
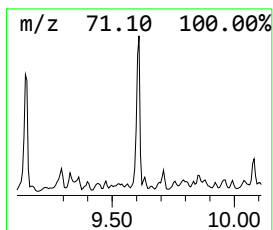
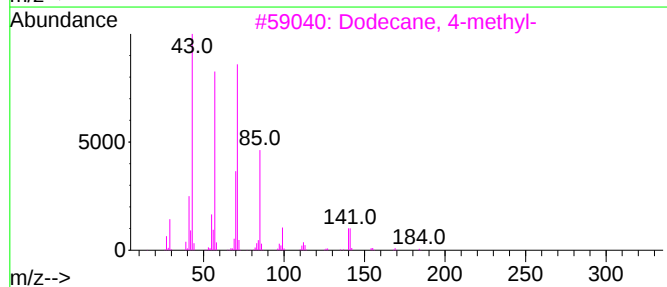
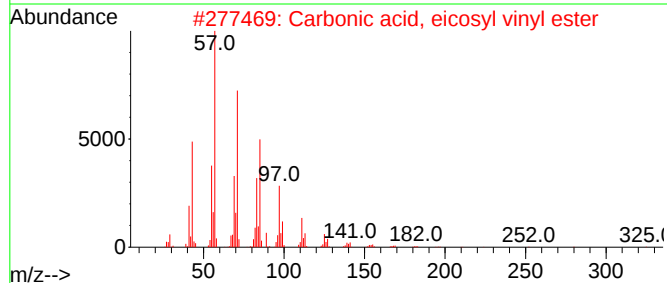
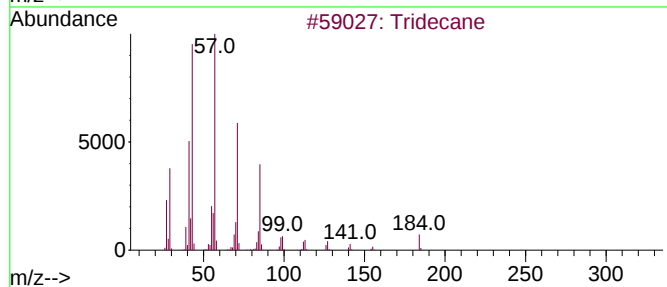
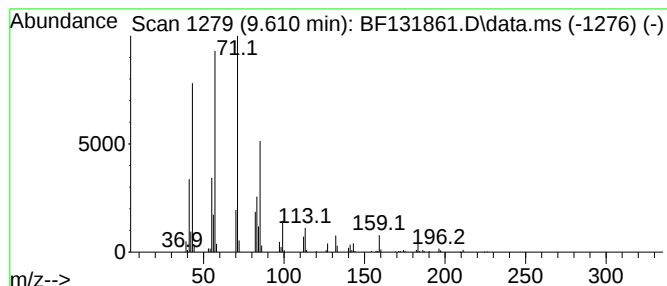
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.610	22.93 ng	2891880	Acenaphthene-d10		9.886	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	59
3	Dodecane, 4-methyl-		184	C13H28	006117-97-1	58
4	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	58
5	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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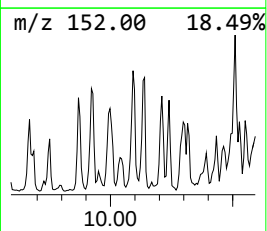
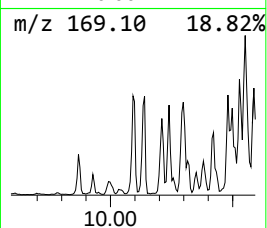
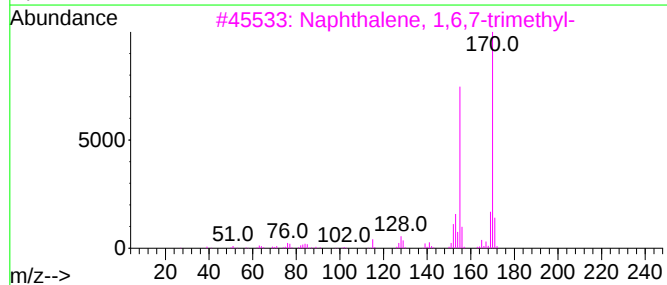
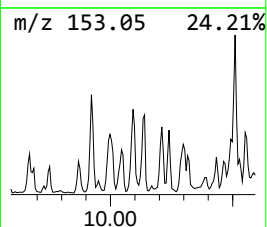
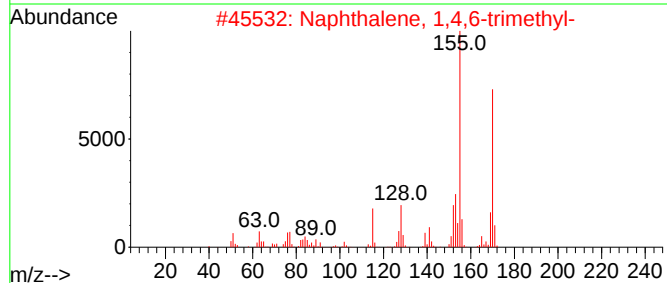
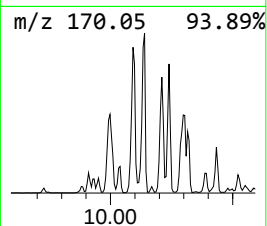
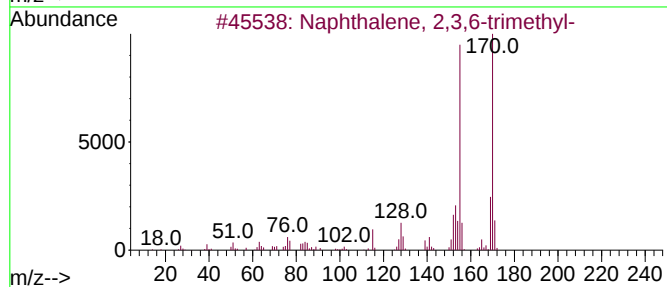
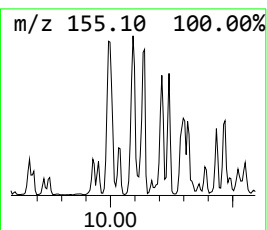
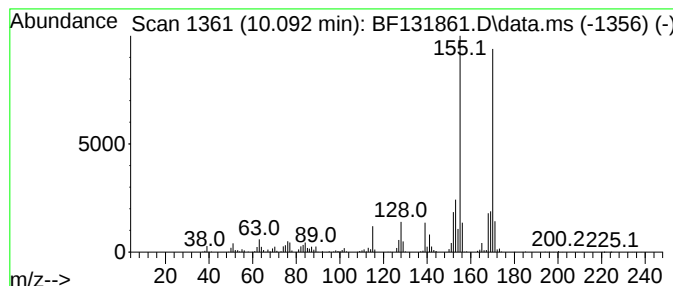
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	20.70 ng	2610760	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

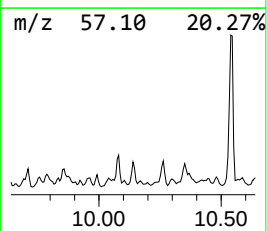
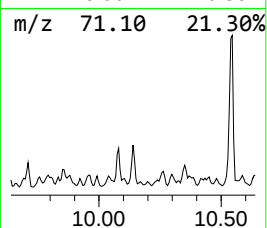
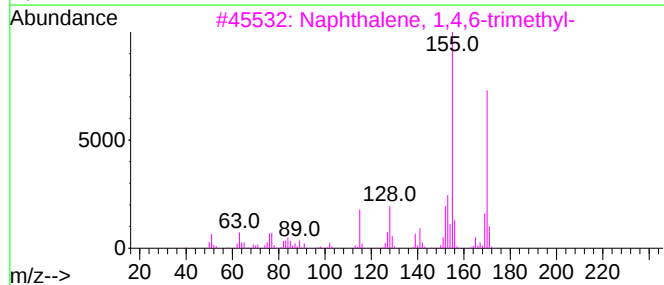
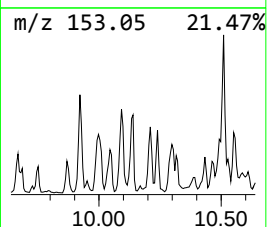
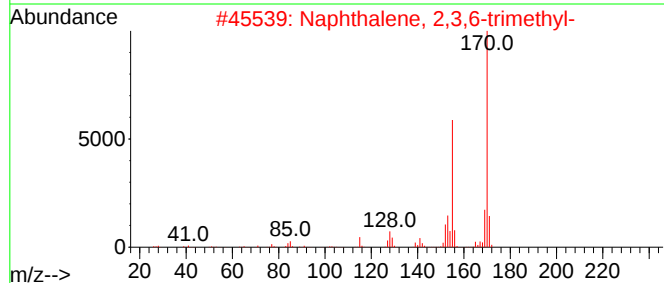
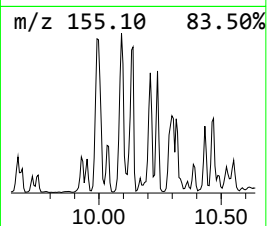
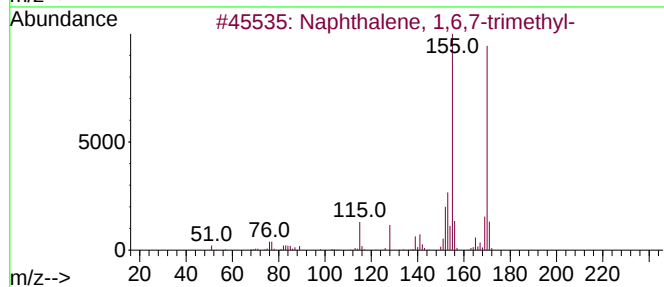
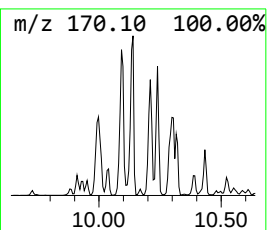
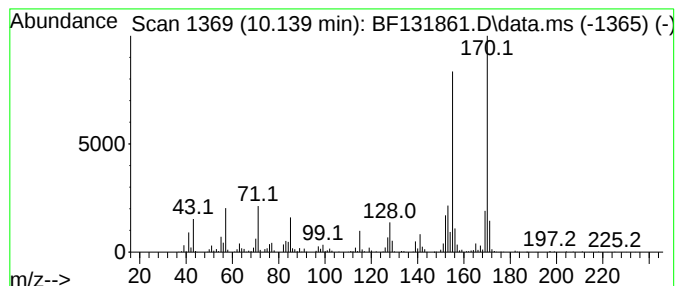
Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.139	18.20 ng	2295140	Acenaphthene-d10			9.886
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-		170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-		170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-		170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene		170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-		170	C13H14	002131-41-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

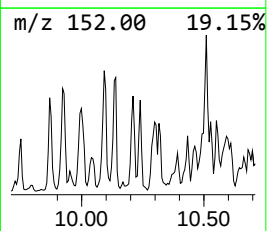
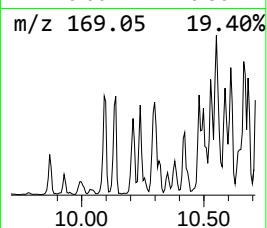
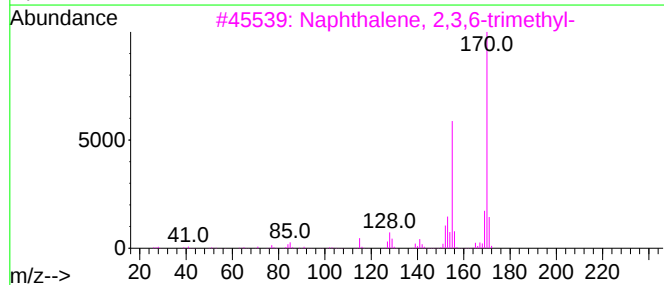
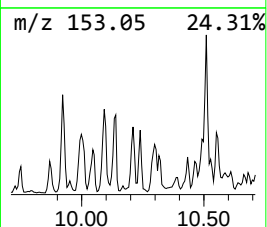
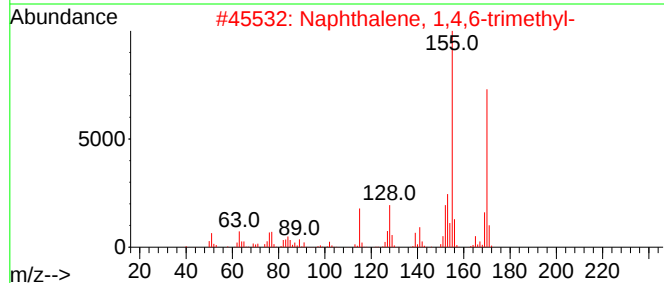
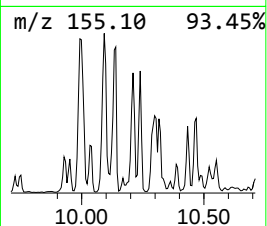
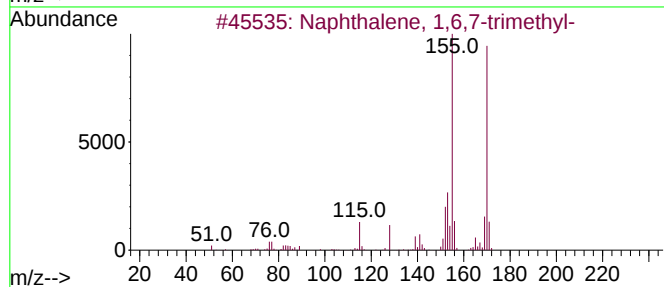
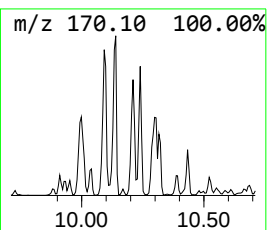
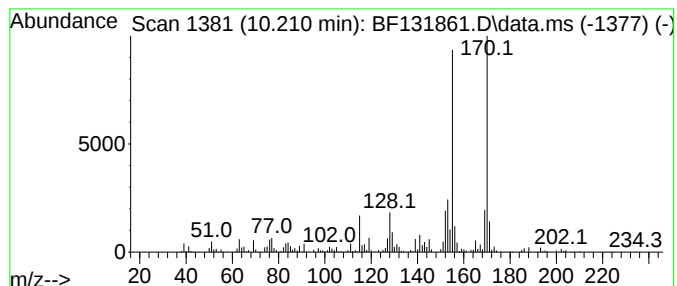
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.210	16.62 ng	2096760	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

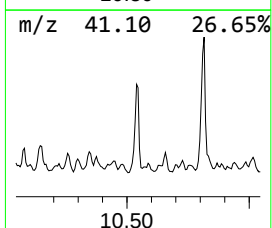
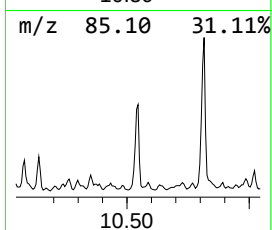
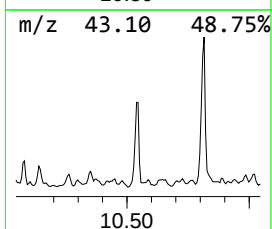
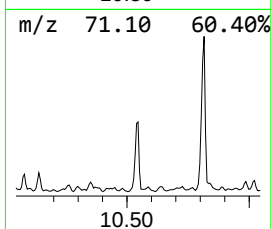
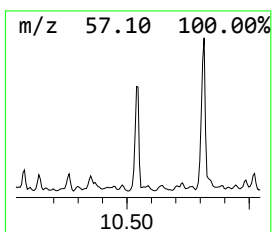
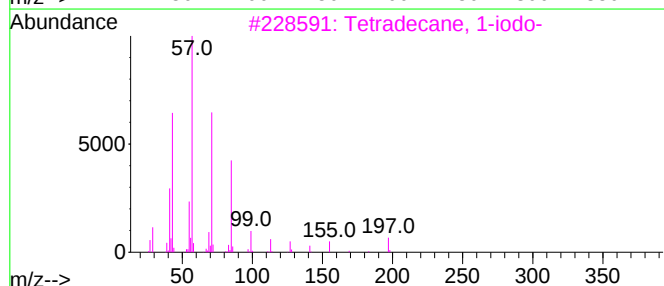
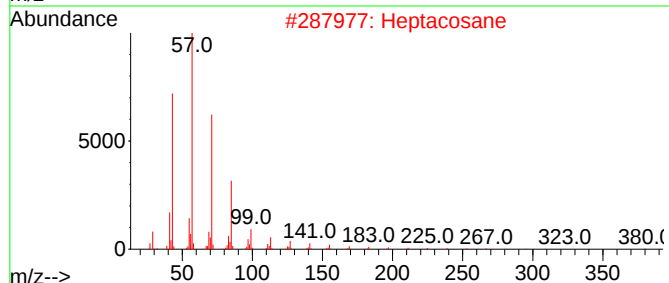
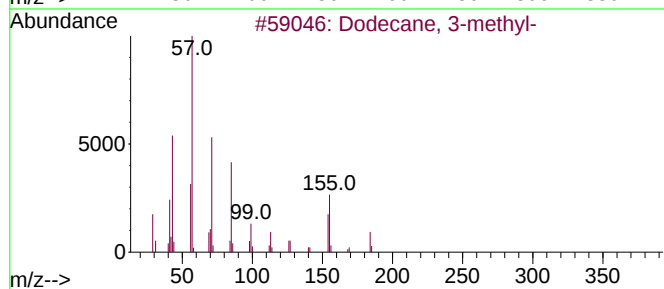
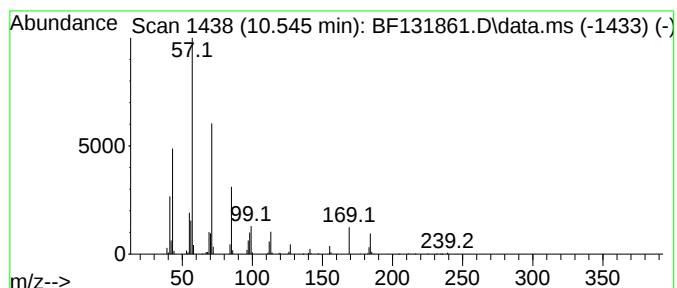
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dodecane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	28.54 ng	3599060	Acenaphthene-d10	9.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 3-methyl-	184	C13H28	017312-57-1	80
2		Heptacosane	380	C27H56	000593-49-7	72
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4		Decane, 2-methyl-	156	C11H24	006975-98-0	62
5		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

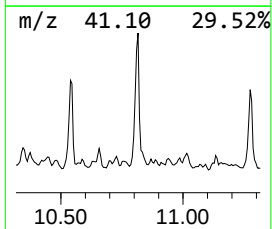
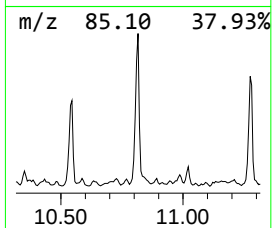
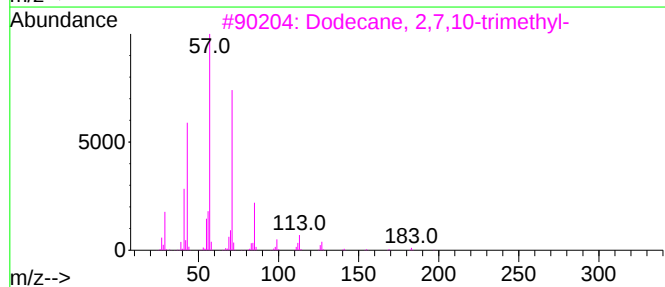
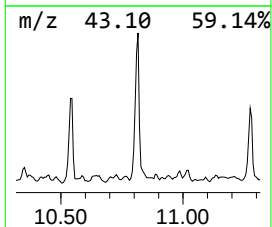
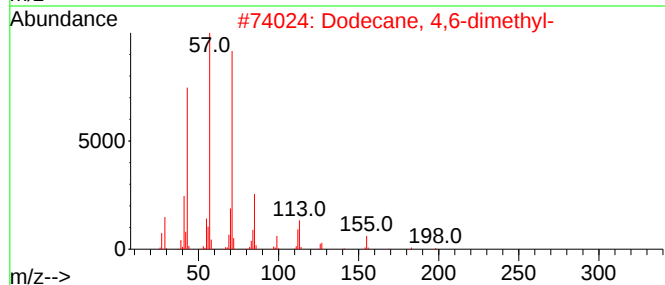
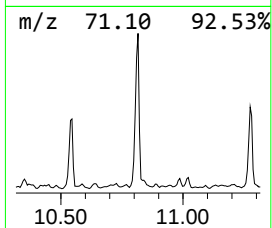
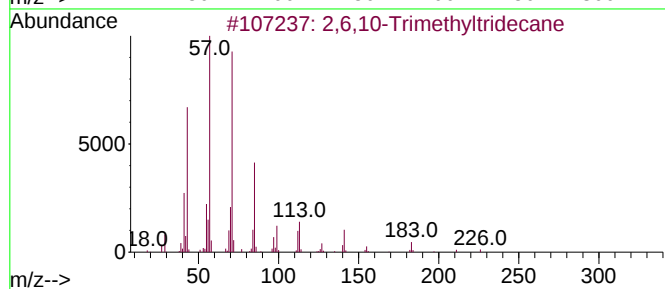
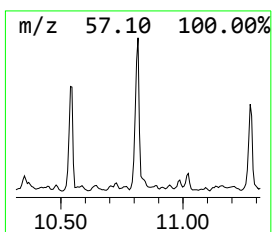
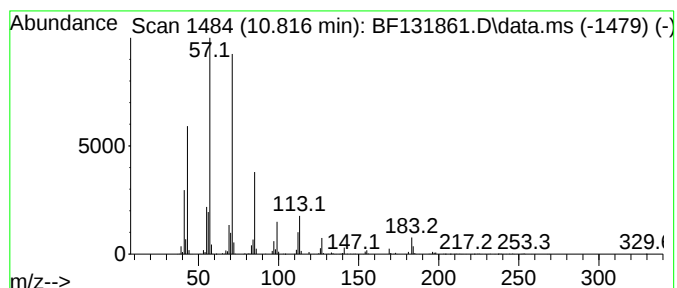
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 2,6,10-Trimethyltridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	122.21 ng	5459060	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4			Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
5			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

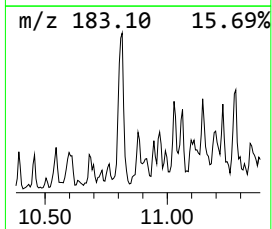
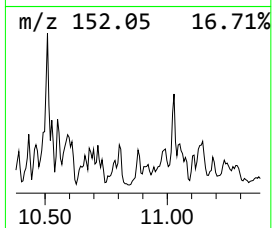
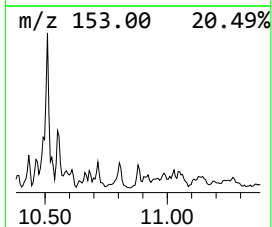
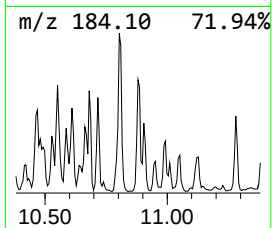
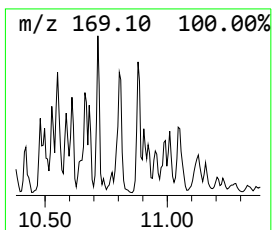
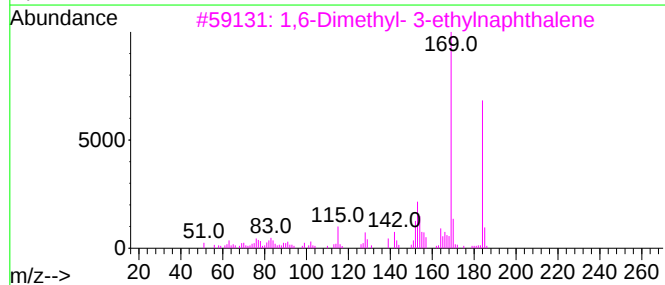
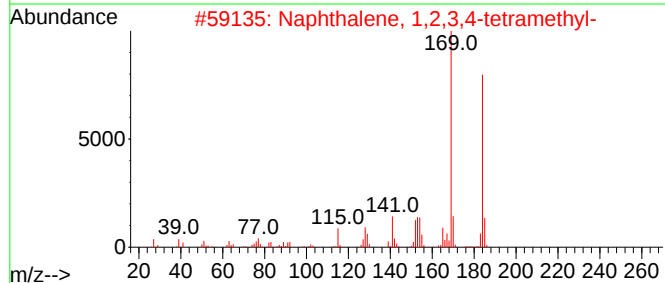
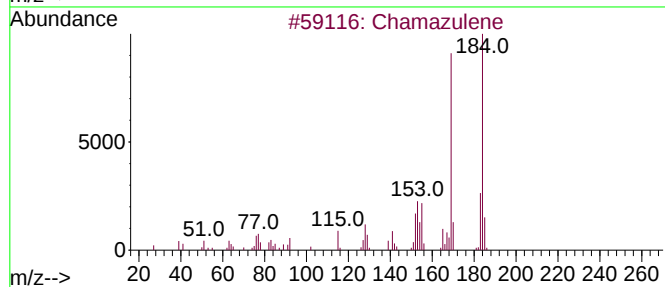
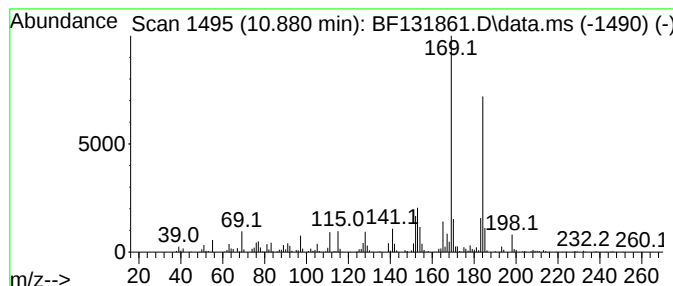
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Chamazulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.881	23.17 ng	1035110	Phenanthrene-d10	11.386	
Hit#	of 5	Tentative ID	MW MolForm	CAS#	Qual
1		Chamazulene	184 C14H16	000529-05-5	94
2		Naphthalene, 1,2,3,4-tetramethyl-	184 C14H16	003031-15-0	93
3		1,6-Dimethyl- 3-ethylnaphthalene	184 C14H16	1000383-71-8	90
4		Naphthalene, 1-methyl-7-(1-methy...	184 C14H16	000490-65-3	87
5		Cyclopentene, 1,2-dimethyl-4-met...	184 C14H16	1000152-22-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

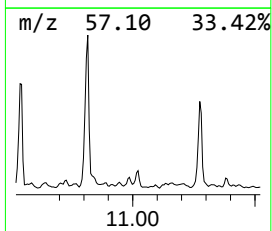
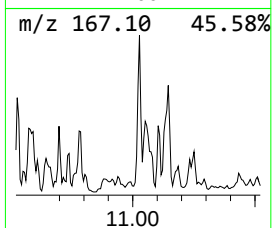
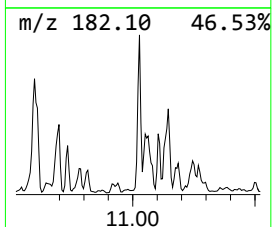
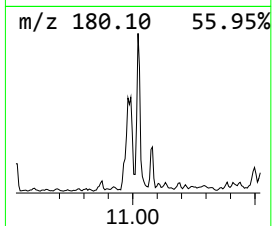
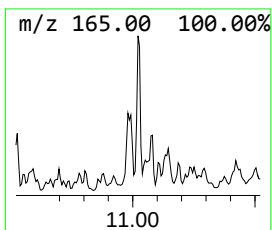
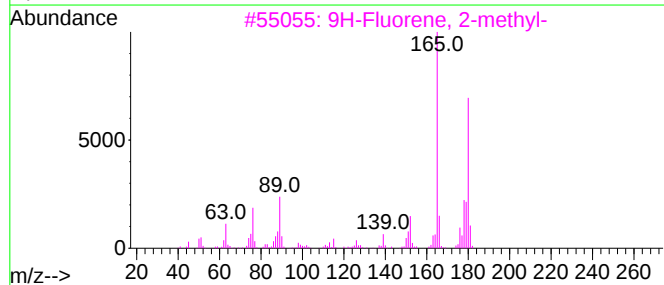
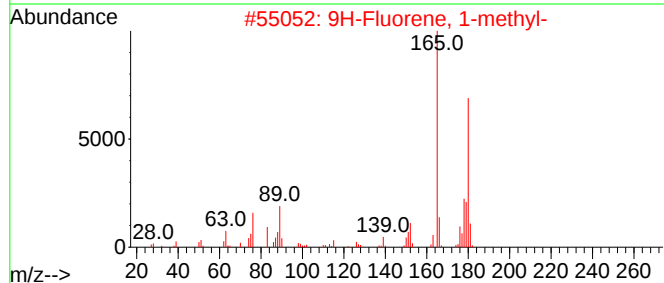
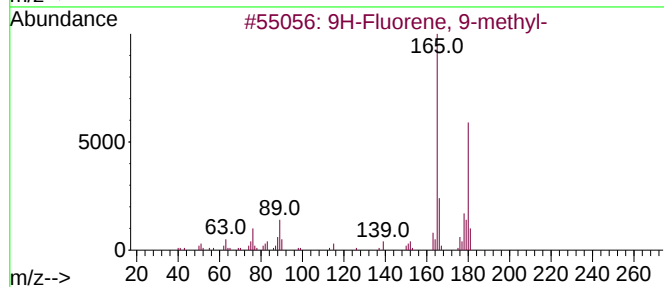
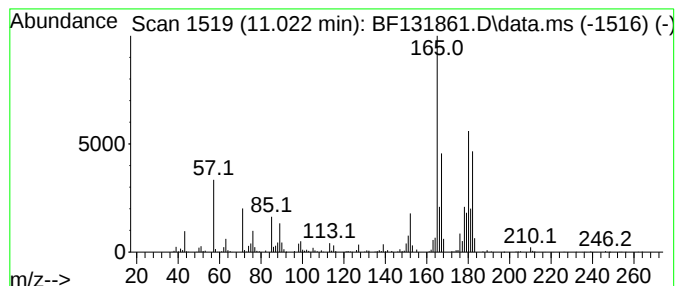
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 9H-Fluorene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.022	25.36 ng	1132810	Phenanthrene-d10	11.386	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	80
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

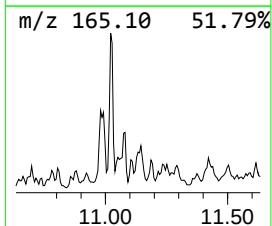
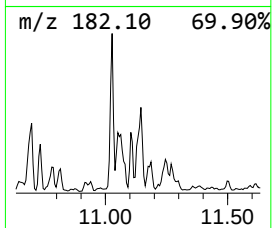
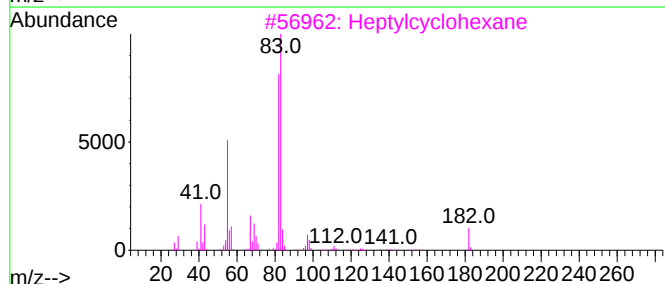
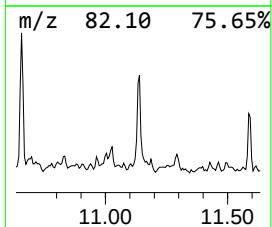
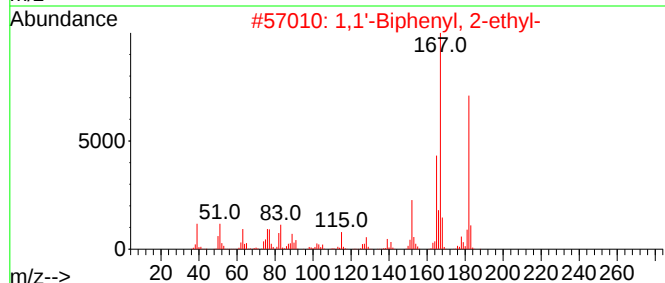
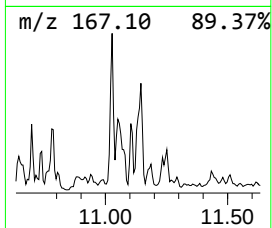
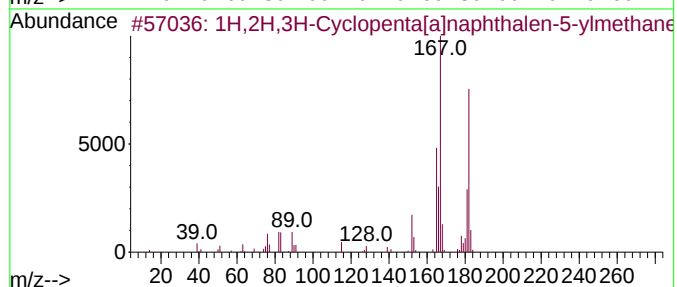
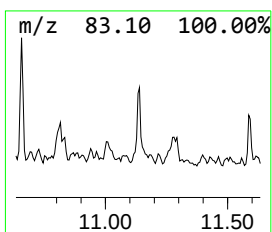
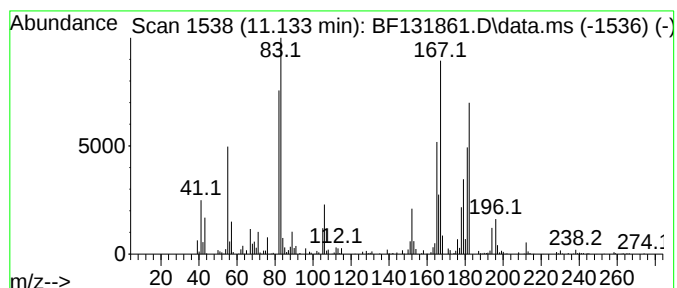
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown11.133 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.133	26.39 ng	1179000	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	46
2		1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	42
3		Heptylcyclohexane	182	C13H26	005617-41-4	41
4		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	41
5		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
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Misc :
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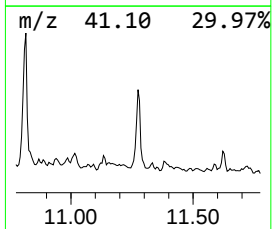
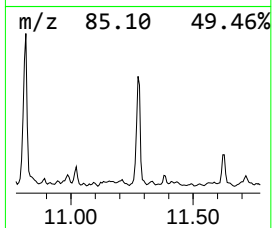
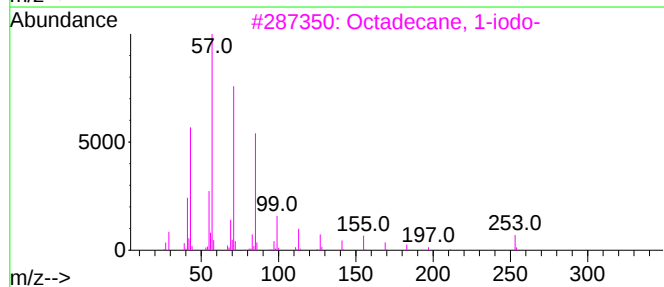
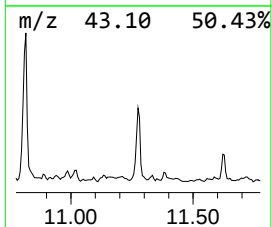
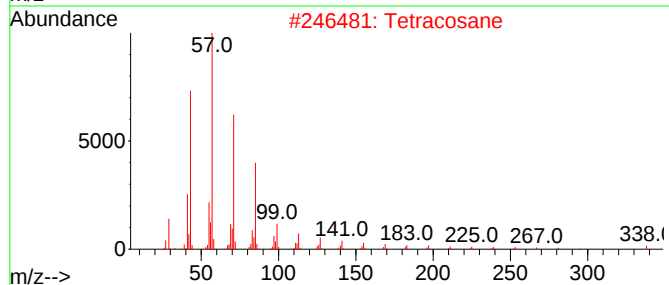
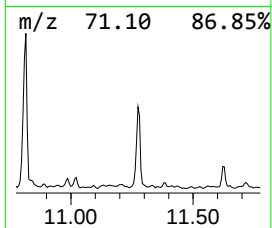
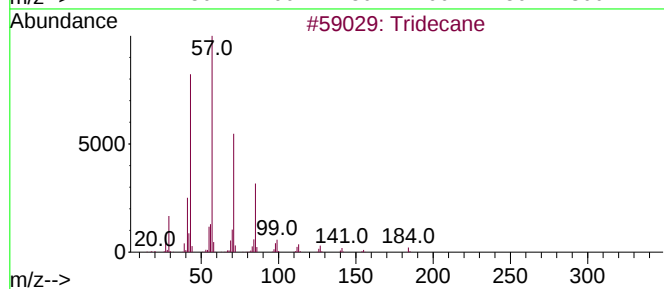
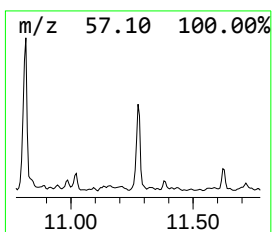
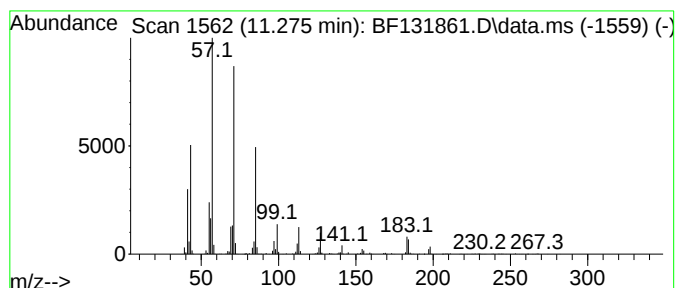
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.275	73.40 ng	3278630	Phenanthrene-d10	11.386	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tetracosane	338	C24H50	000646-31-1	86
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

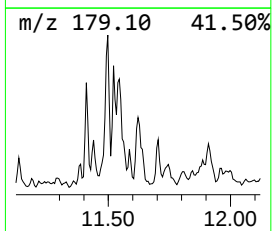
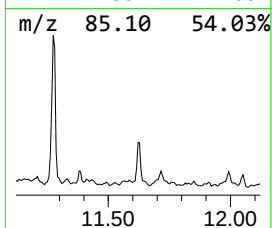
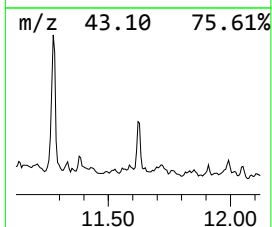
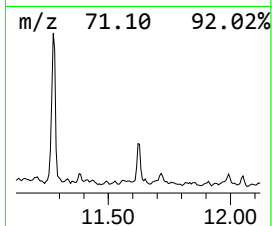
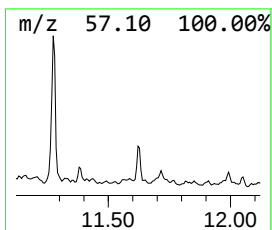
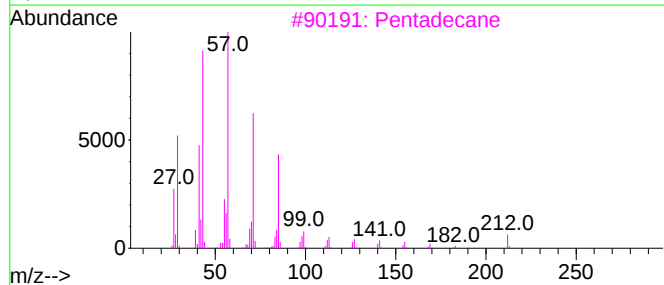
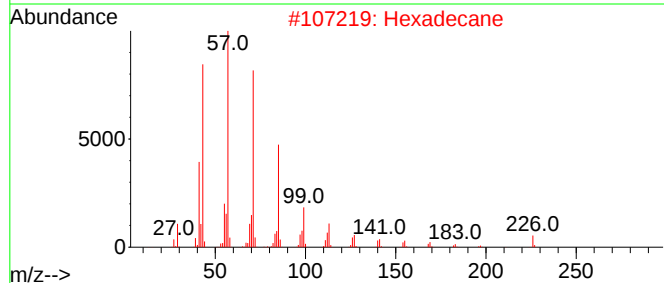
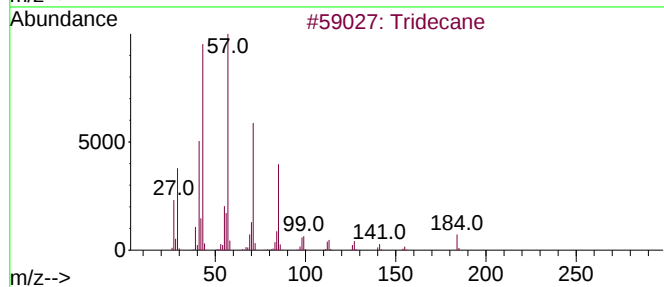
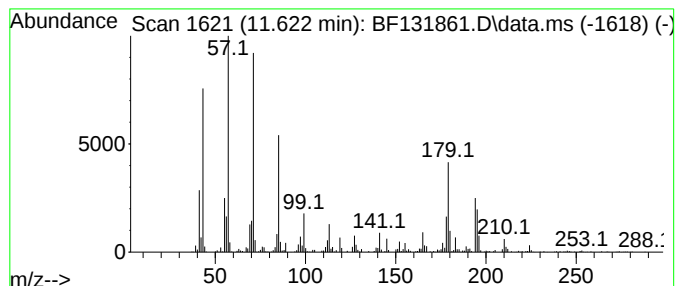
Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.622	33.42 ng	1492780	Phenanthrene-d10		11.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	50
2	Hexadecane		226	C16H34	000544-76-3	50
3	Pentadecane		212	C15H32	000629-62-9	50
4	Tetradecane, 4-methyl-		212	C15H32	025117-24-2	45
5	Heptadecane		240	C17H36	000629-78-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

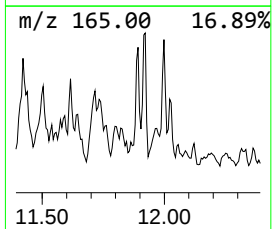
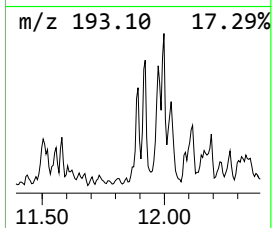
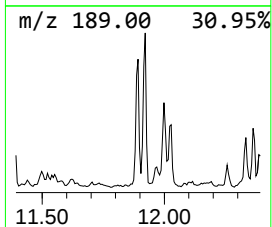
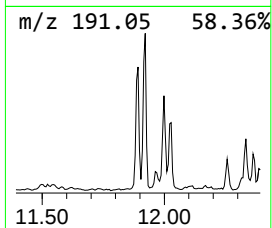
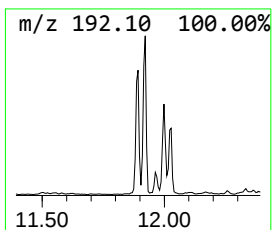
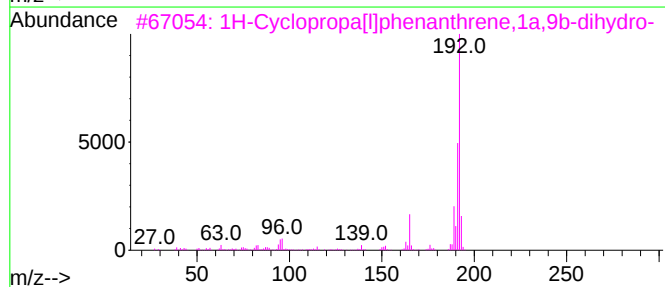
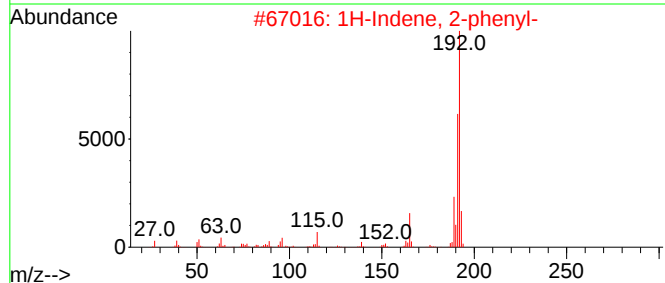
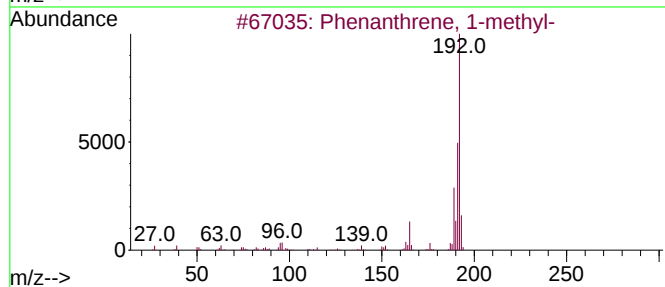
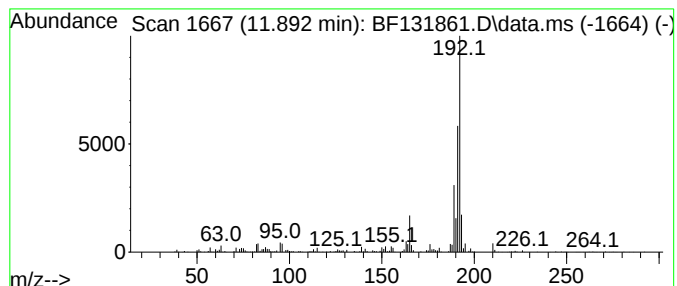
Instrument :
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ClientSampleId :
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.892	18.02 ng	804738	Phenanthrene-d10		11.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	97
2	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	95
3	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	94
4	1H-Indene, 1-phenyl-		192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-		192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

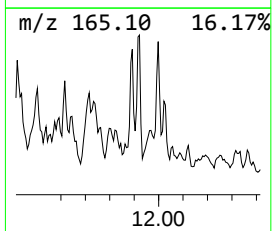
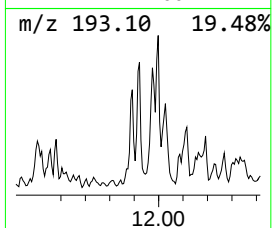
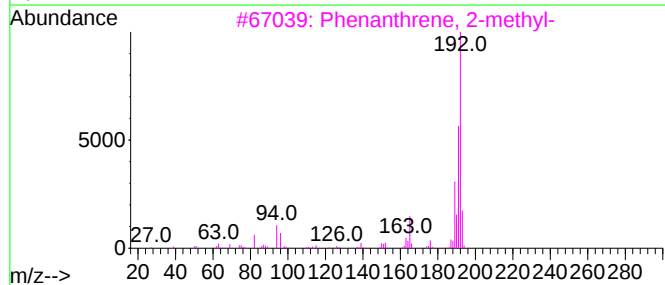
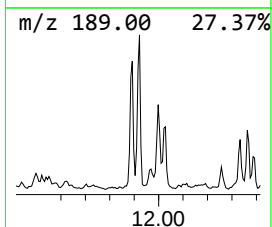
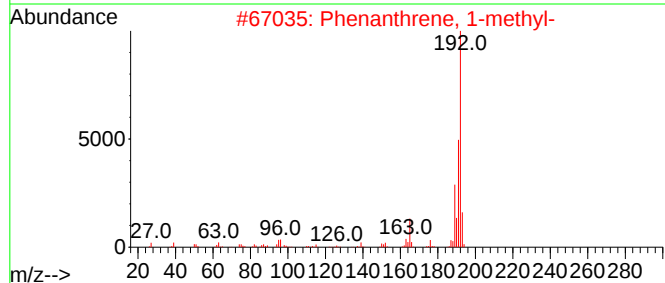
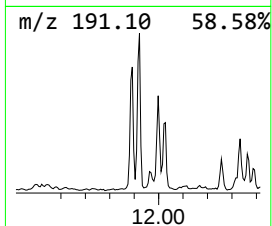
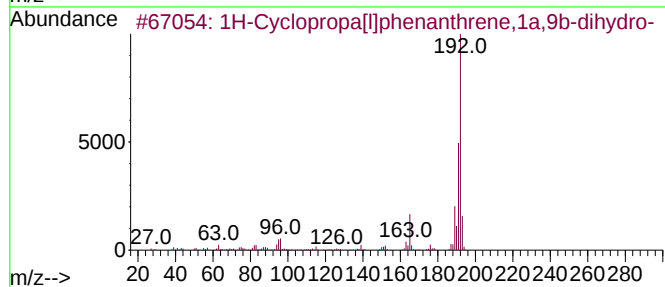
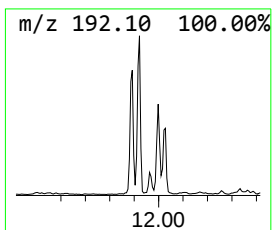
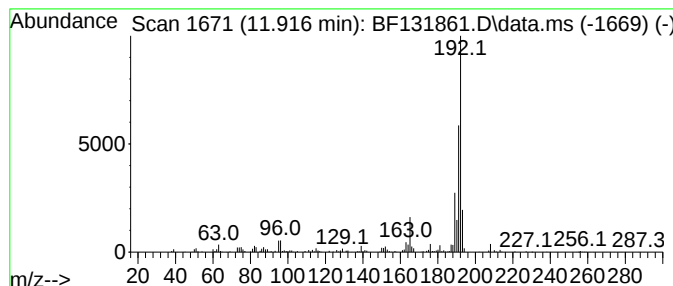
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	22.62 ng	1010550	Phenanthrene-d10		11.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-		192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

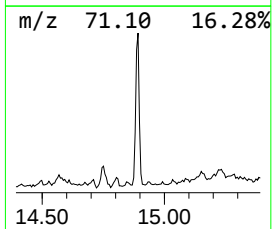
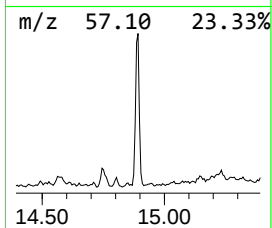
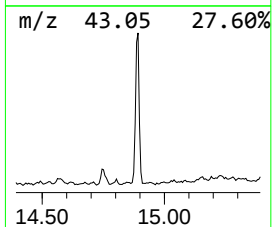
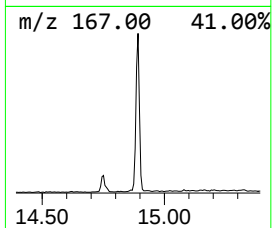
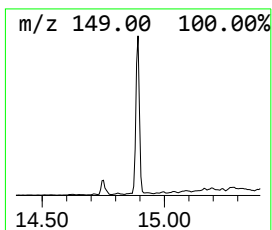
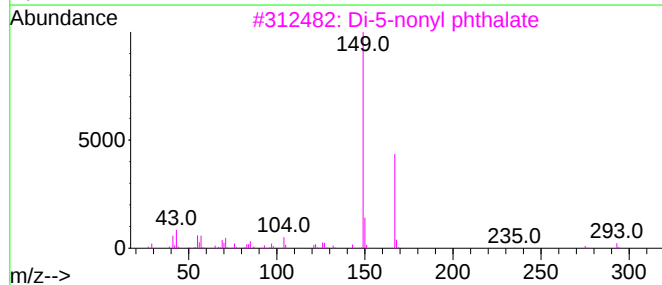
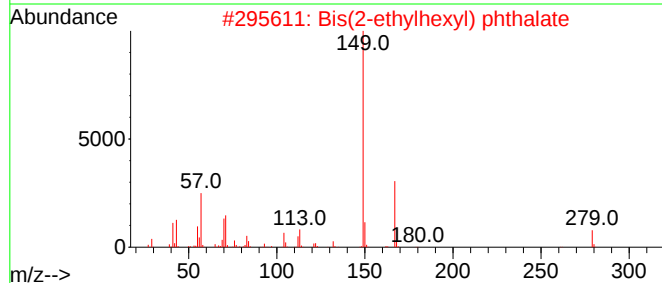
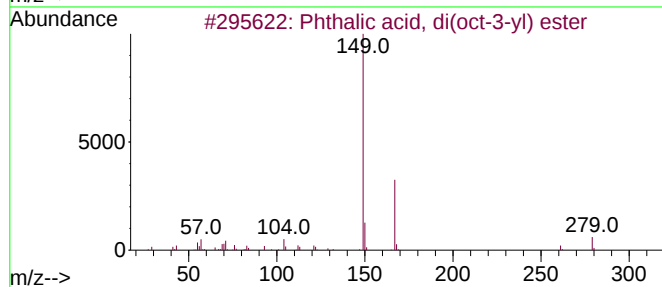
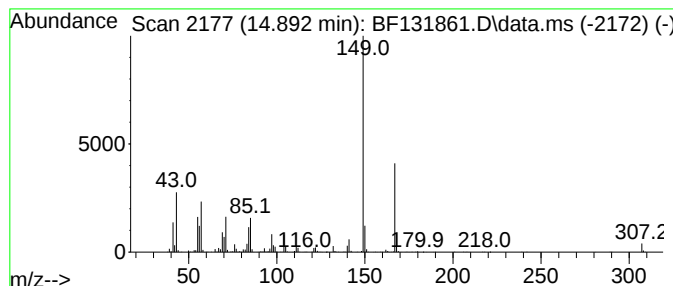
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Phthalic acid, di(oct-3-yl)... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.892	41.64 ng	789398	Perylene-d12	15.510

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	72
2		Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	72
3		Di-5-nonyl phthalate	418	C26H42O4	094054-23-6	72
4		Phthalic acid, di(4-methylpent-2...	334	C20H30O4	1010356-88-6	72
5		Phthalic acid, cycloheptyl isoe...	346	C21H30O4	1000322-83-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Mesitylene	6.881	24.2	ng	1042260	1	6.822	862457	20.0
Indane	7.004	41.0	ng	1767910	1	6.822	862457	20.0
Benzene, 1-ethy...	7.469	18.0	ng	777520	1	6.822	862457	20.0
Benzene, (1-met...	7.857	23.4	ng	4180630	2	8.122	3579510	20.0
Naphthalene, 1,...	9.481	29.9	ng	3772420	3	9.886	2522450	20.0
Naphthalene, 1,...	9.557	42.7	ng	5387640	3	9.886	2522450	20.0
Tridecane	9.610	22.9	ng	2891880	3	9.886	2522450	20.0
Naphthalene, 2,...	10.092	20.7	ng	2610760	3	9.886	2522450	20.0
Naphthalene, 1,...	10.139	18.2	ng	2295140	3	9.886	2522450	20.0
Naphthalene, 1,...	10.210	16.6	ng	2096760	3	9.886	2522450	20.0
Dodecane, 3-met...	10.545	28.5	ng	3599060	3	9.886	2522450	20.0
2,6,10-Trimethy...	10.816	122.2	ng	5459060	4	11.386	893395	20.0
Chamazulene	10.881	23.2	ng	1035110	4	11.386	893395	20.0
9H-Fluorene, 9-...	11.022	25.4	ng	1132810	4	11.386	893395	20.0
unknown11.133	11.133	26.4	ng	1179000	4	11.386	893395	20.0
Tetracosane	11.275	73.4	ng	3278630	4	11.386	893395	20.0
Hexadecane	11.622	33.4	ng	1492780	4	11.386	893395	20.0
Phenanthrene, 1...	11.892	18.0	ng	804738	4	11.386	893395	20.0
1H-Cyclopropa[l...	11.916	22.6	ng	1010550	4	11.386	893395	20.0
Phthalic acid, ...	14.892	41.6	ng	789398	6	15.510	379113	20.0