

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF130011.D
 Acq On : 25 Aug 2022 21:41
 Operator : CG\JU
 Sample : N4303-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-9

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-BF081422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130011.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.393	525	528	539	rBV	1946741	2037454	4.24%	0.508%
2	6.416	700	702	704	rBV	2038689	1815616	3.78%	0.453%
3	6.581	726	730	733	rBV2	2401186	2498912	5.21%	0.624%
4	7.028	803	806	808	rVB2	2024308	1724060	3.59%	0.430%
5	7.075	812	814	820	rVB2	2509147	2642389	5.50%	0.659%
6	7.145	821	826	829	rBV2	1800053	2112832	4.40%	0.527%
7	7.222	835	839	841	rBV	1394337	1440353	3.00%	0.359%
8	7.292	845	851	853	rBV	2572224	2882727	6.01%	0.719%
9	7.328	853	857	859	rBV2	2246436	2557184	5.33%	0.638%
10	7.351	859	861	863	rVB	3759149	2718680	5.66%	0.678%
11	7.404	863	870	872	rBV3	2033635	2610582	5.44%	0.651%
12	7.439	872	876	878	rBV3	1045797	1203884	2.51%	0.300%
13	7.528	889	891	893	rBV	1856522	1374474	2.86%	0.343%
14	7.557	893	896	899	rVB2	3123771	2921941	6.09%	0.729%
15	7.639	906	910	912	rBV2	1423243	1788233	3.73%	0.446%
16	7.663	912	914	917	rVV2	974448	1281866	2.67%	0.320%
17	7.692	917	919	921	rVV2	1500805	1437988	3.00%	0.359%
18	7.716	921	923	926	rVB3	2425445	2568922	5.35%	0.641%
19	7.751	926	929	931	rBV2	1706055	2041179	4.25%	0.509%
20	7.781	931	934	937	rVV2	4214271	4339959	9.04%	1.083%
21	7.810	937	939	940	rVV	1741693	1264490	2.63%	0.316%
22	7.857	944	947	949	rVV2	1500694	1636105	3.41%	0.408%
23	7.881	949	951	953	rVB	2515721	1883799	3.92%	0.470%
24	7.910	953	956	958	rVB	1550562	1391863	2.90%	0.347%
25	7.939	958	961	964	rBV	1287786	1167317	2.43%	0.291%
26	7.992	964	970	971	rBV3	1487710	2092011	4.36%	0.522%
27	8.022	971	975	979	rVV2	7122335	9050012	18.85%	2.258%
28	8.063	979	982	984	rVV3	2037190	2607884	5.43%	0.651%
29	8.092	984	987	990	rVB2	3351759	4254189	8.86%	1.062%
30	8.128	990	993	995	rBV	1784926	1797519	3.74%	0.449%
31	8.210	1000	1007	1009	rBV3	1622677	2653863	5.53%	0.662%
32	8.239	1009	1012	1014	rVB2	3057730	2608063	5.43%	0.651%
33	8.286	1014	1020	1023	rBV3	1646462	2360310	4.92%	0.589%
34	8.328	1023	1027	1032	rBV5	2418827	4120531	8.58%	1.028%
35	8.381	1034	1036	1040	rVB4	1233952	1269435	2.64%	0.317%
36	8.428	1040	1044	1046	rBV3	2075133	2707130	5.64%	0.675%

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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-BF081422.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.457	1046	1049	1051	rBV	2902819	2449234	5.10%	0.611%
38	8.551	1060	1065	1067	rBV	5559250	5241500	10.92%	1.308%
39	8.634	1075	1079	1082	rBV2	7698146	8202717	17.09%	2.047%
40	8.704	1089	1091	1094	rVV2	1818040	1852425	3.86%	0.462%
41	8.757	1098	1100	1103	rVB2	1685812	1484609	3.09%	0.370%
42	8.869	1115	1119	1123	rBV3	4642249	4625672	9.64%	1.154%
43	8.904	1123	1125	1128	rBV3	1532043	1397712	2.91%	0.349%
44	8.986	1136	1139	1145	rBV4	2860734	4607420	9.60%	1.150%
45	9.057	1149	1151	1153	rVV2	3570877	2655761	5.53%	0.663%
46	9.081	1153	1155	1158	rVB	1668164	1304881	2.72%	0.326%
47	9.116	1158	1161	1165	rBV3	1863355	1990623	4.15%	0.497%
48	9.204	1170	1176	1178	rBV	8670527	10944958	22.80%	2.731%
49	9.269	1184	1187	1190	rVB	3002925	2843624	5.92%	0.710%
50	9.381	1203	1206	1211	rVB4	1998419	3015690	6.28%	0.752%
51	9.433	1212	1215	1216	rVV3	1477384	1596807	3.33%	0.398%
52	9.469	1216	1221	1224	rVV6	2828887	5972537	12.44%	1.490%
53	9.516	1224	1229	1231	rVV4	4012032	6249346	13.02%	1.559%
54	9.533	1231	1232	1236	rVV3	2083513	2597198	5.41%	0.648%
55	9.575	1236	1239	1242	rVV2	3043185	3176507	6.62%	0.793%
56	9.733	1261	1266	1269	rVV	9157192	9569273	19.93%	2.388%
57	9.781	1272	1274	1279	rVV4	1705303	2415172	5.03%	0.603%
58	9.863	1286	1288	1291	rVB3	1524229	1477136	3.08%	0.369%
59	9.898	1291	1294	1299	rVB2	1627588	2050197	4.27%	0.512%
60	9.957	1300	1304	1306	rBV4	1753293	2574699	5.36%	0.642%
61	9.980	1306	1308	1310	rVV	1725948	1389104	2.89%	0.347%
62	10.010	1310	1313	1315	rVB2	2271668	2317647	4.83%	0.578%
63	10.045	1315	1319	1322	rBV4	4107211	4182722	8.71%	1.044%
64	10.080	1322	1325	1327	rVB2	2153337	1897544	3.95%	0.473%
65	10.116	1327	1331	1335	rBV4	1843017	2952128	6.15%	0.737%
66	10.151	1335	1337	1343	rVB5	1421079	2199950	4.58%	0.549%
67	10.233	1343	1351	1353	rBV	9911624	12446582	25.93%	3.106%
68	10.445	1380	1387	1389	rBV2	3860901	6121735	12.75%	1.528%
69	10.492	1392	1395	1398	rBV2	1975433	1618861	3.37%	0.404%
70	10.528	1398	1401	1404	rBV3	1680999	1878567	3.91%	0.469%
71	10.563	1404	1407	1410	rVB3	2524595	2297446	4.79%	0.573%
72	10.598	1410	1413	1416	rBV4	1497390	1836217	3.83%	0.458%
73	10.710	1426	1432	1439	rVB	8788522	14014482	29.20%	3.497%
74	10.886	1459	1462	1466	rBV2	1930833	2795288	5.82%	0.697%
75	10.922	1466	1468	1471	rVV2	1700633	1892080	3.94%	0.472%
76	10.980	1475	1478	1481	rVB2	1821189	1707307	3.56%	0.426%

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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-BF081422.M
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77	11.016	1481	1484	1486	rBV3	1815368	1846754	3.85%	0.461%
78	11.157	1502	1508	1510	rBV	8835249	10591774	22.06%	2.643%
79	11.180	1510	1512	1518	rVB	5262802	4970163	10.35%	1.240%
80	11.292	1527	1531	1533	rBV4	1077245	1370384	2.85%	0.342%
81	11.322	1533	1536	1541	rVV3	1731459	3026260	6.30%	0.755%
82	11.386	1544	1547	1549	rBV2	1099110	1206068	2.51%	0.301%
83	11.416	1549	1552	1556	rVB3	1584542	1715539	3.57%	0.428%
84	11.451	1556	1558	1561	rBV	1990647	1843713	3.84%	0.460%
85	11.522	1567	1570	1575	rBV4	1251314	1197139	2.49%	0.299%
86	11.580	1575	1580	1582	rBV	8852942	9151671	19.06%	2.284%
87	11.686	1592	1598	1600	rVB	9849252	11221895	23.38%	2.800%
88	11.733	1603	1606	1611	rBV3	1592681	2355790	4.91%	0.588%
89	11.827	1619	1622	1624	rBV2	1956498	2157018	4.49%	0.538%
90	11.986	1644	1649	1651	rBV	8428485	8624765	17.97%	2.152%
91	12.263	1693	1696	1704	rVB3	1017103	1907316	3.97%	0.476%
92	12.404	1708	1720	1721	rBV4	16135044	48002845	100.00%	11.978%
93	12.480	1729	1733	1735	rVB	9112591	8210918	17.11%	2.049%
94	12.569	1735	1748	1754	rVV3	7918665	28169730	58.68%	7.029%
95	12.627	1756	1758	1765	rVV2	1570151	1971446	4.11%	0.492%
96	12.739	1774	1777	1780	rVB	5119982	4742118	9.88%	1.183%
97	12.880	1799	1801	1804	rVB	2302898	2114286	4.40%	0.528%
98	13.086	1833	1836	1839	rBV	2851356	2812084	5.86%	0.702%
99	13.427	1890	1894	1897	rBV	1972273	1657515	3.45%	0.414%
100	13.845	1962	1965	1971	rVB	1256188	1190282	2.48%	0.297%

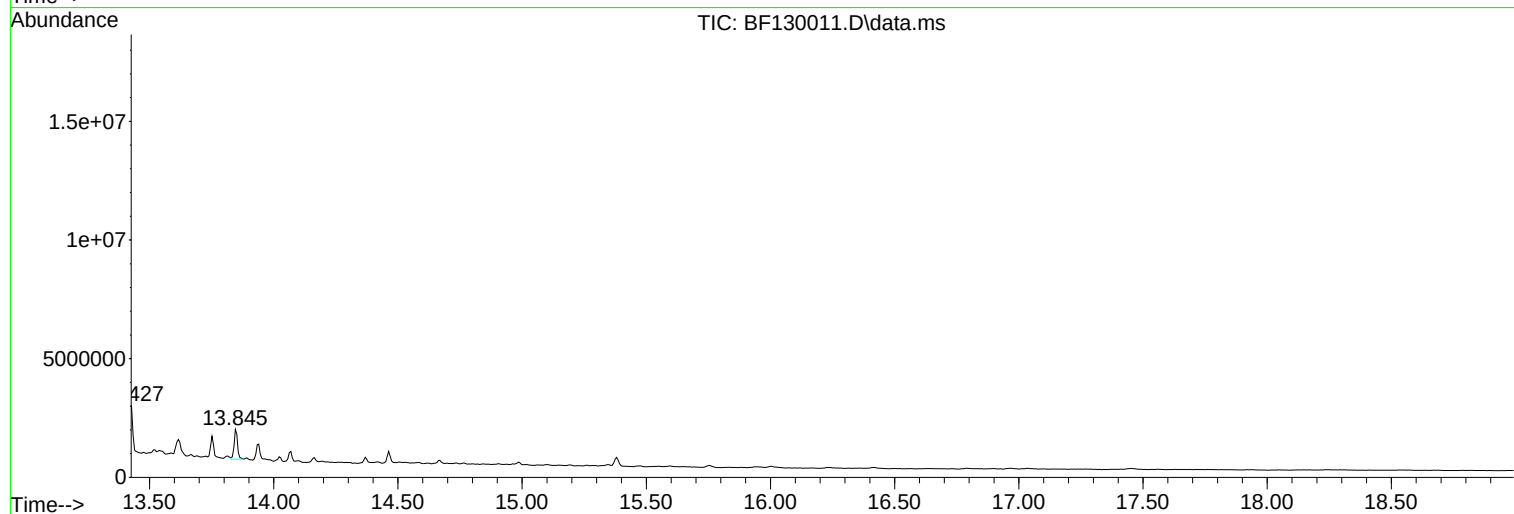
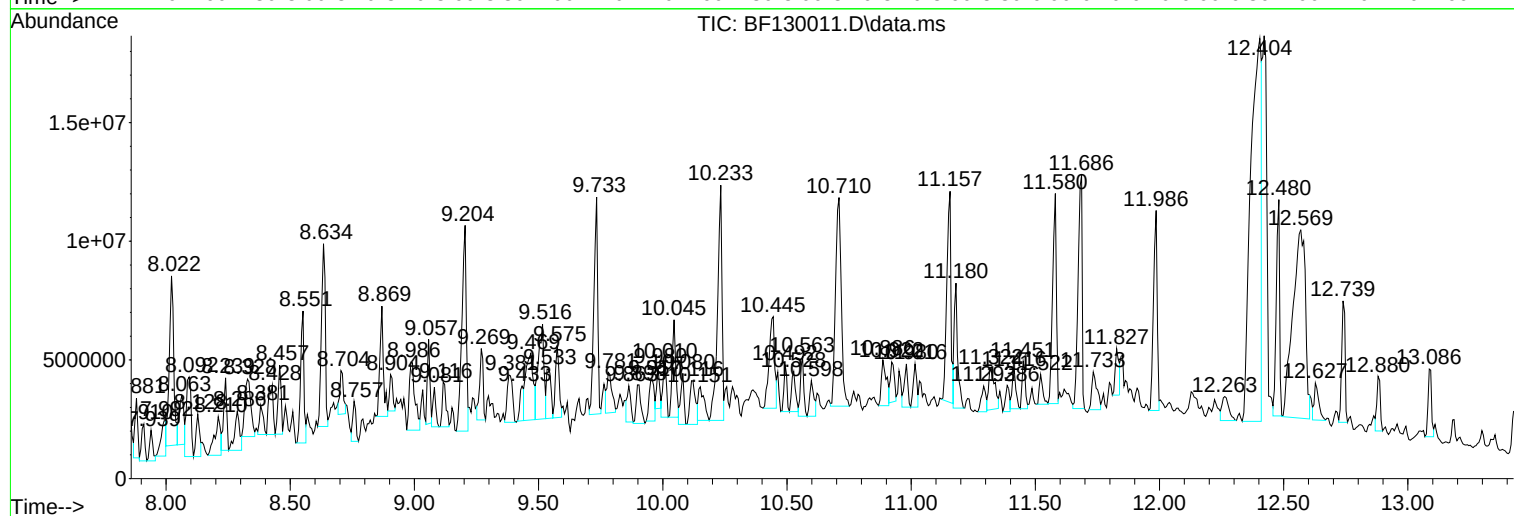
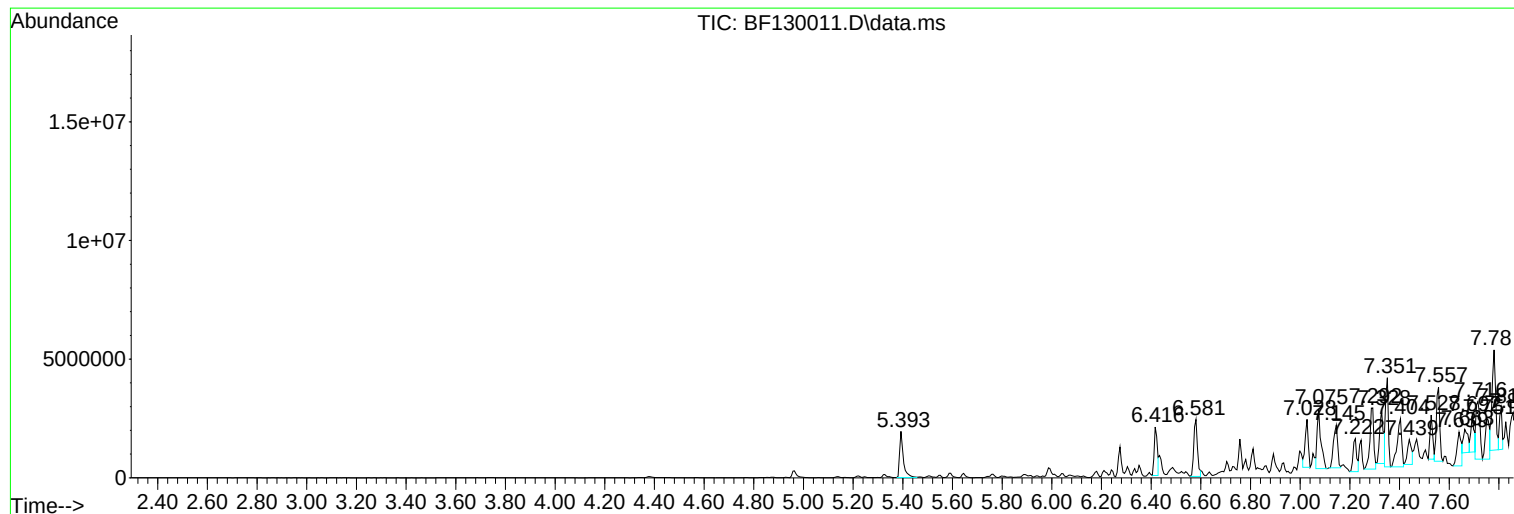
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Instrument :
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ClientSampleId :
DRUM-1-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.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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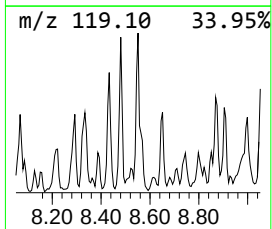
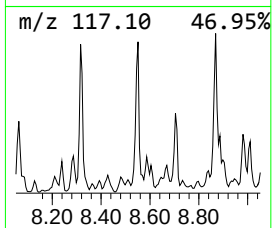
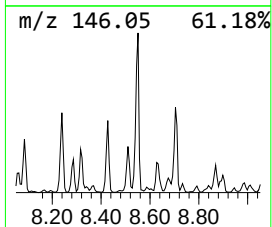
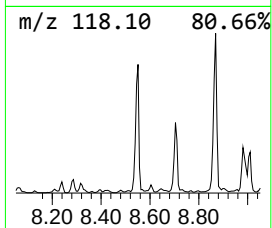
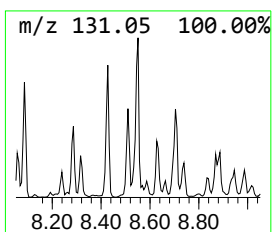
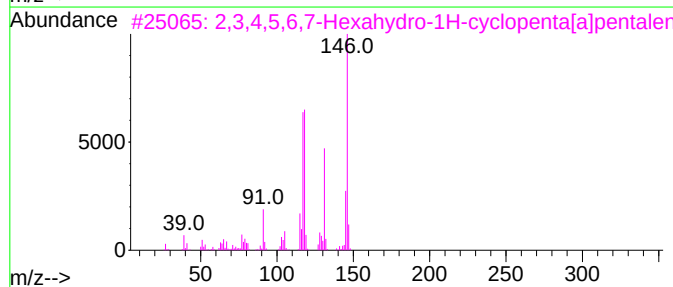
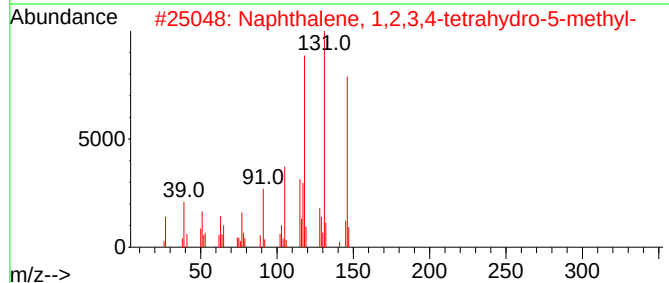
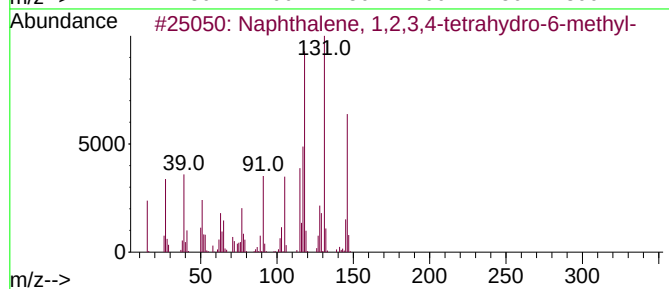
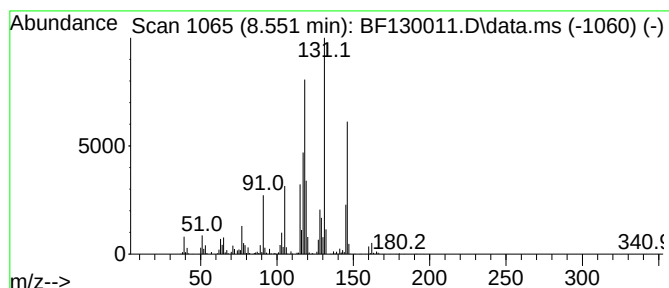
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.551	40.20 ng	5241500	Naphthalene-d8	8.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	58
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55



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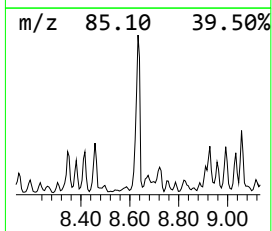
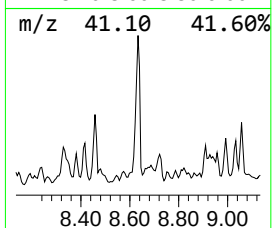
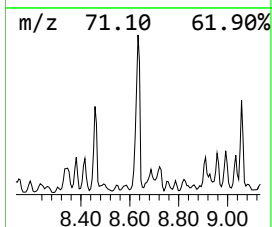
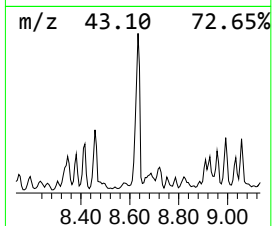
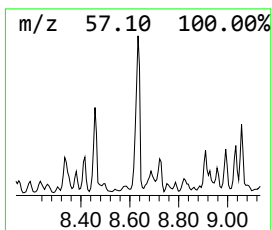
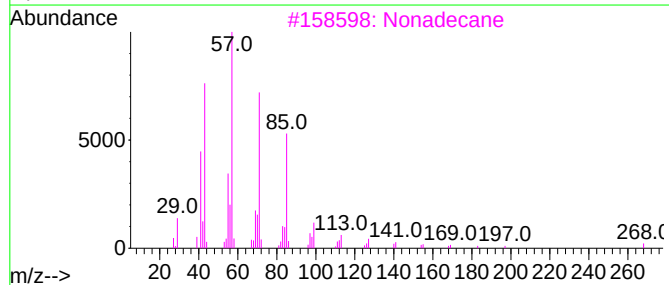
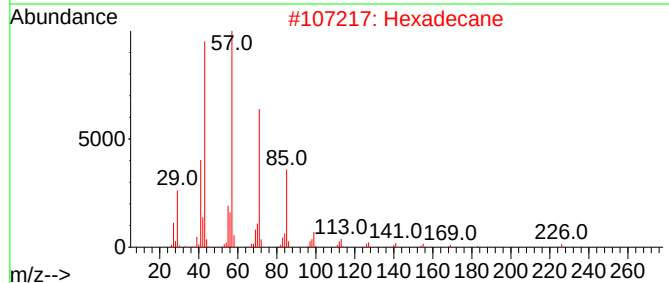
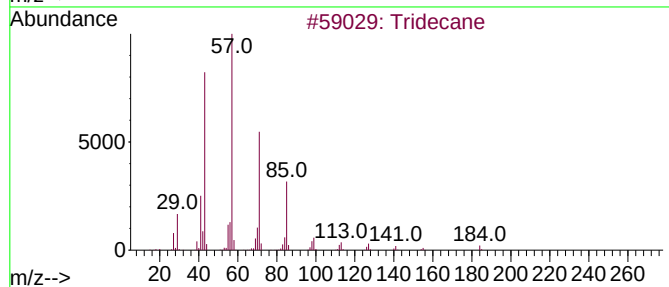
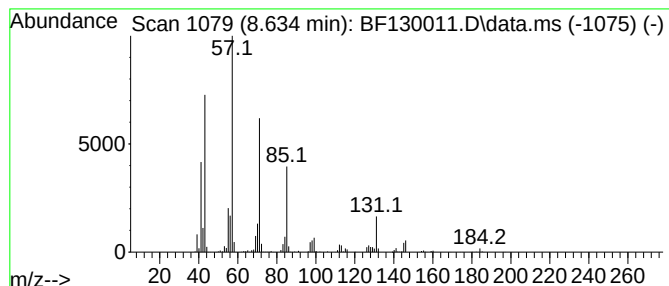
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.634	62.91 ng	8202720	Naphthalene-d8	8.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	92
2			Hexadecane	226	C16H34	000544-76-3	74
3			Nonadecane	268	C19H40	000629-92-5	72
4			Tetradecane	198	C14H30	000629-59-4	72
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	59



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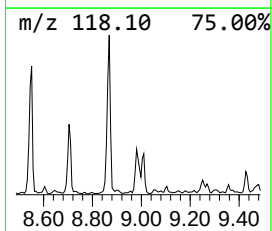
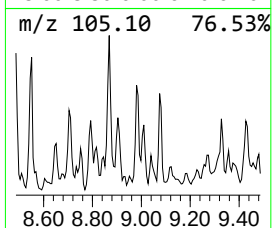
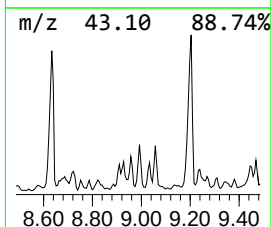
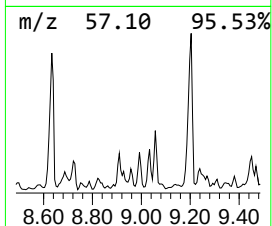
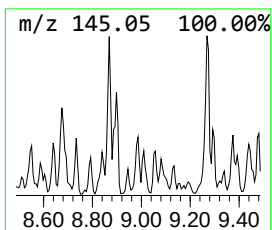
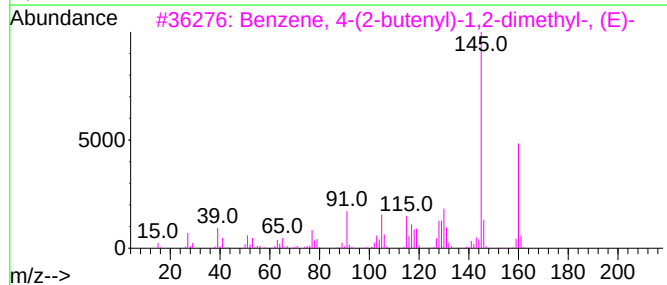
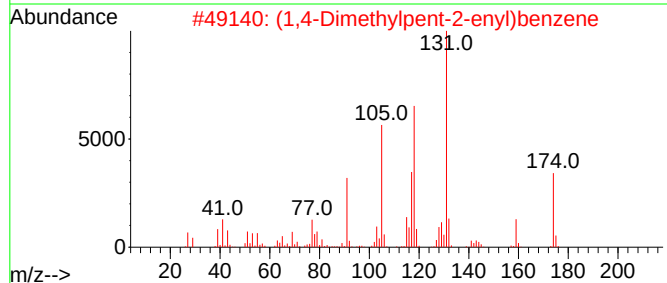
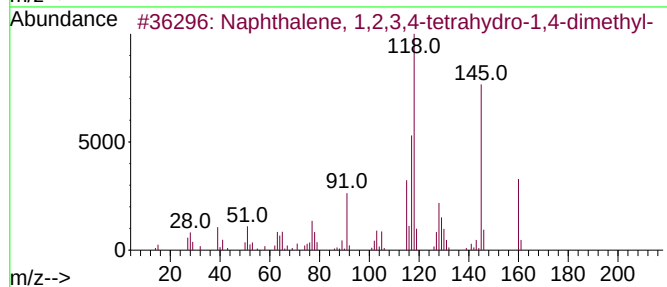
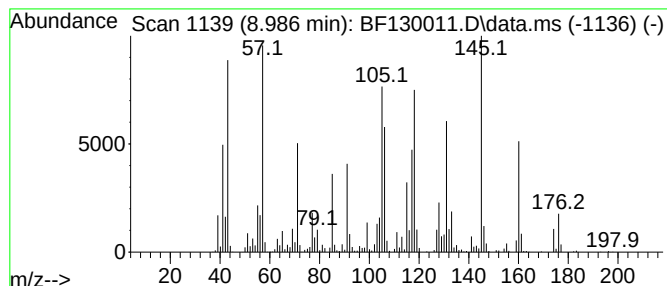
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ClientSampleId :
DRUM-1-9

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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 3 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
8.986	38.15 ng	4607420	Acenaphthene-d10			9.804
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	004175-54-6	60
2	(1,4-Dimethylpent-2-enyl)benzene		174	C13H18	1000184-97-9	49
3	Benzene, 4-(2-butenyl)-1,2-dimet...		160	C12H16	054340-86-2	45
4	Benzene, 1-(1,1-dimethylethyl)-4...		160	C12H16	001746-23-2	42
5	Benzene, 1-(2-butenyl)-2,3-dimet...		160	C12H16	054340-85-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
Acq On : 25 Aug 2022 21:41
Operator : CG\JU
Sample : N4303-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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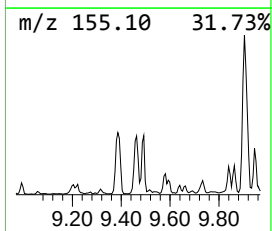
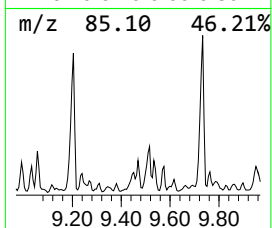
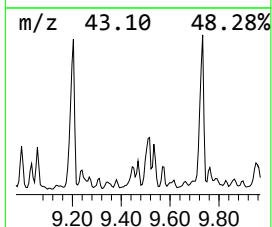
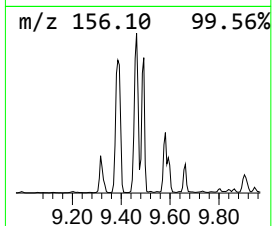
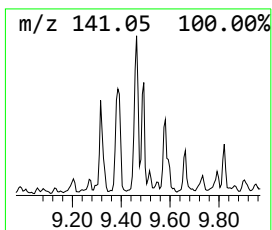
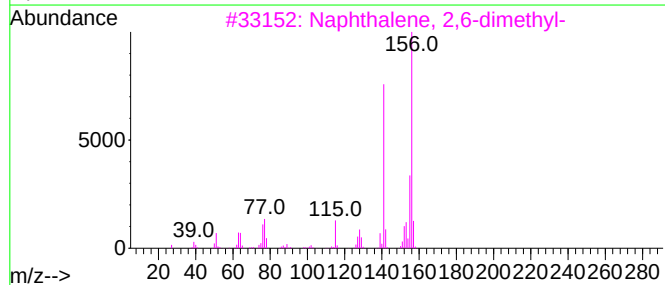
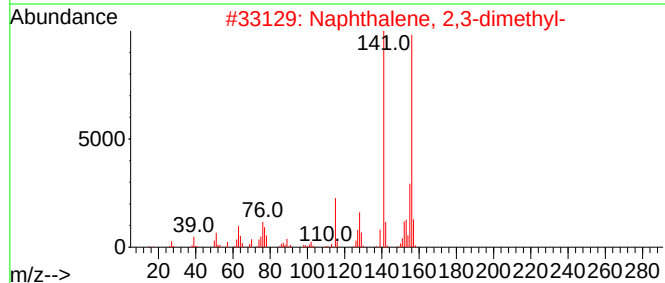
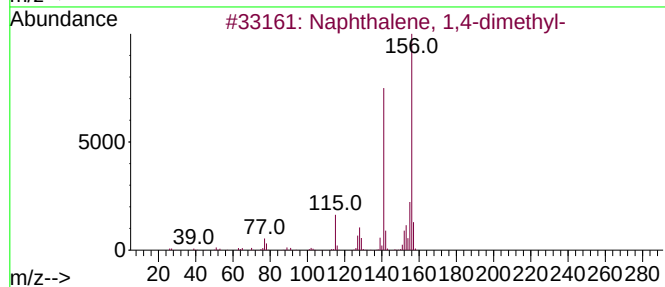
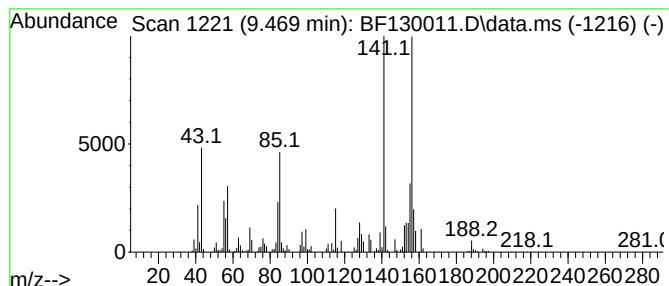
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.469	49.46 ng	5972540	Acenaphthene-d10	9.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	83
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
Acq On : 25 Aug 2022 21:41
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Sample : N4303-01
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ClientSampleId :
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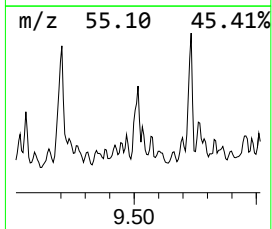
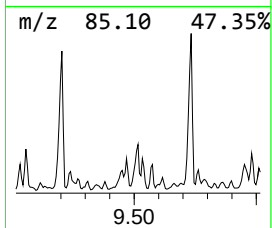
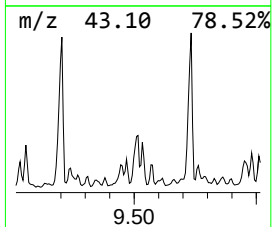
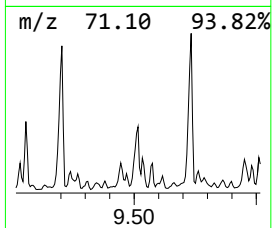
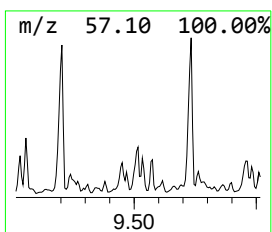
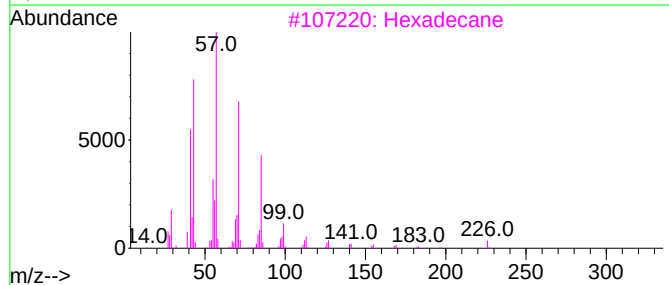
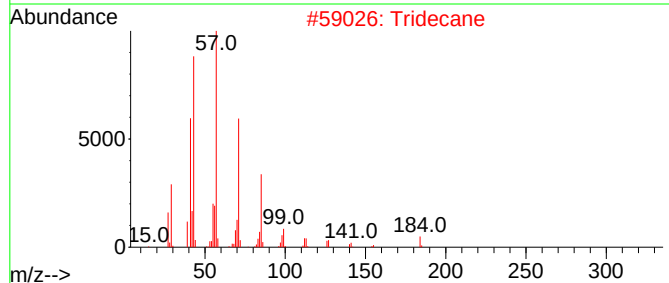
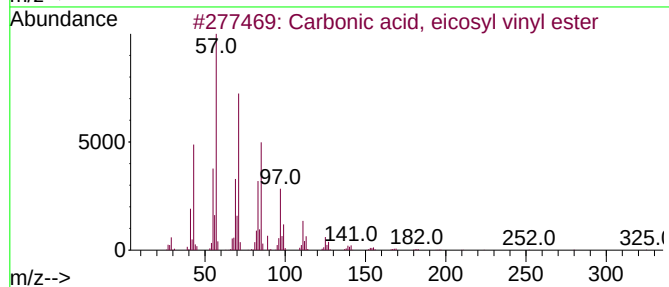
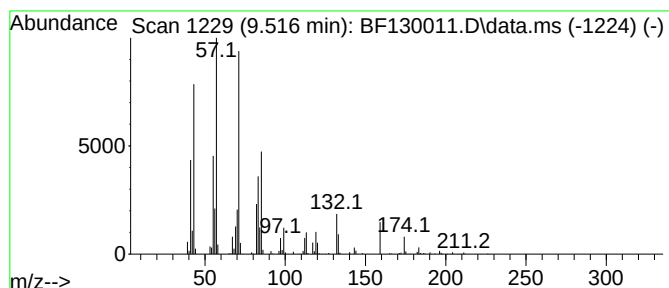
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Carbonic acid, eicosyl vinyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	51.75 ng	6249350	Acenaphthene-d10	9.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
2			Tridecane	184	C13H28	000629-50-5	70
3			Hexadecane	226	C16H34	000544-76-3	62
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
5			Tetradecane	198	C14H30	000629-59-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
Acq On : 25 Aug 2022 21:41
Operator : CG\JU
Sample : N4303-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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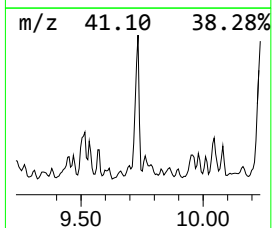
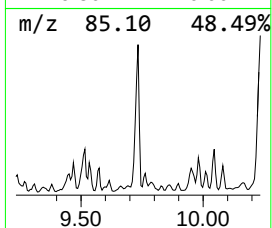
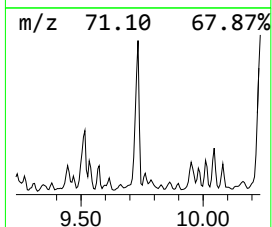
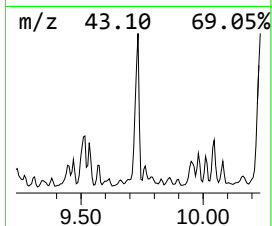
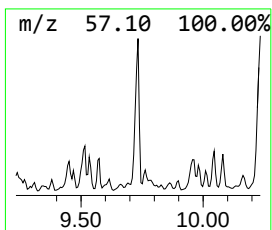
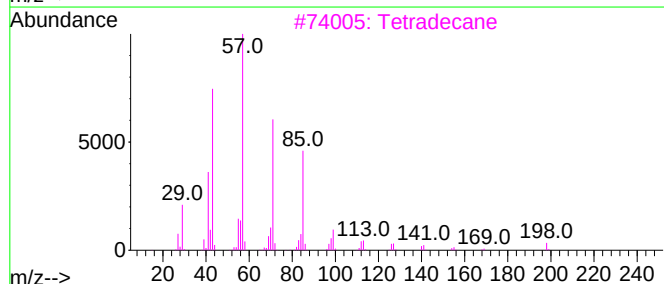
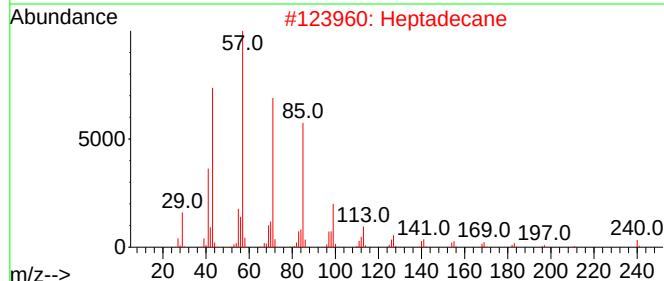
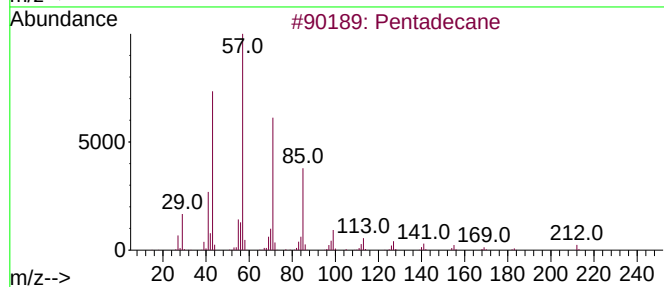
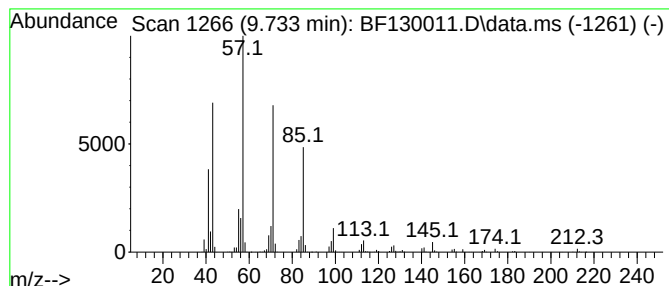
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.733	79.24 ng	9569270	Acenaphthene-d10	9.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	92
2			Heptadecane	240	C17H36	000629-78-7	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
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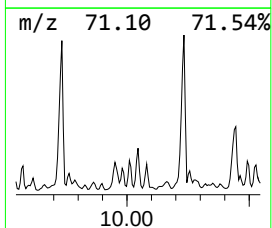
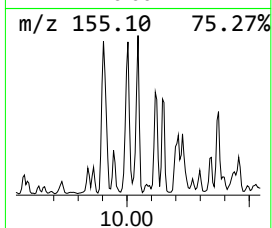
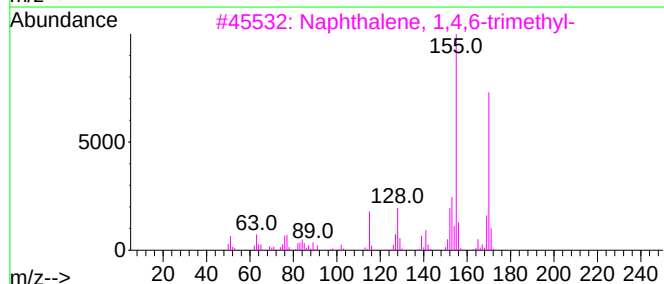
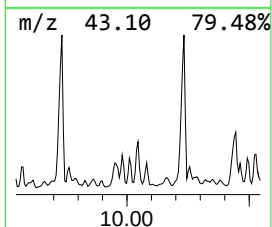
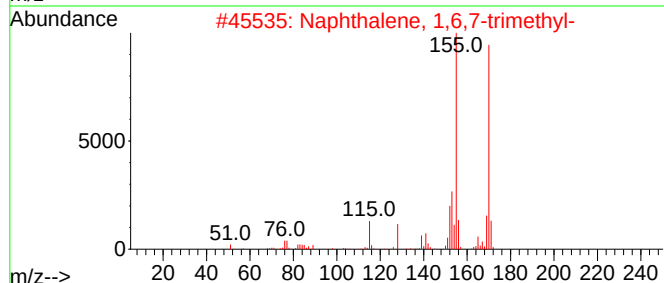
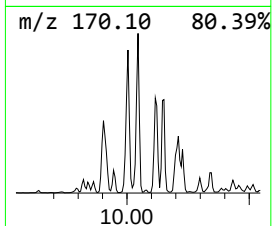
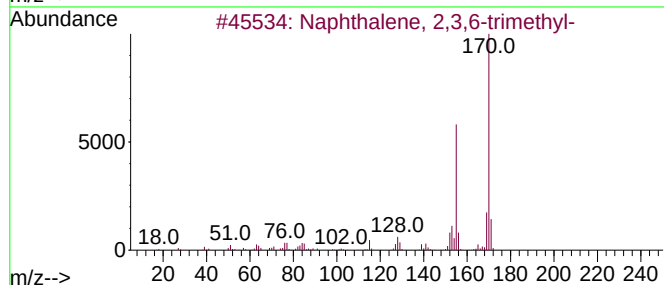
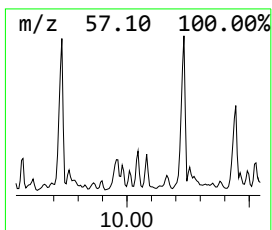
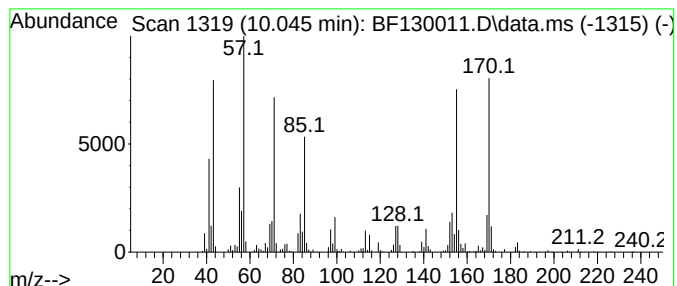
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.045	34.64 ng	4182720	Acenaphthene-d10		9.804	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-		170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-		170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-		170	C13H14	002131-42-2	94
4	3-(2-Methyl-propenyl)-1H-indene		170	C13H14	1000187-78-5	70
5	4,6,8-Trimethylazulene		170	C13H14	000941-81-1	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
Acq On : 25 Aug 2022 21:41
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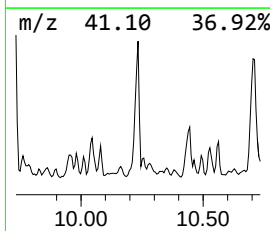
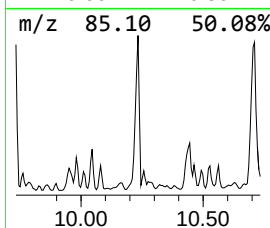
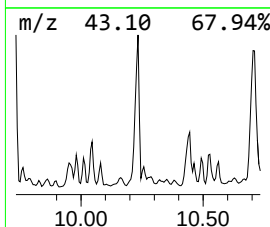
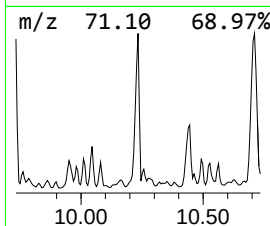
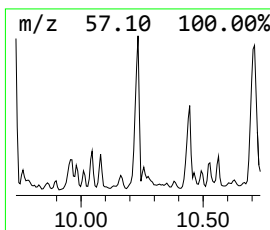
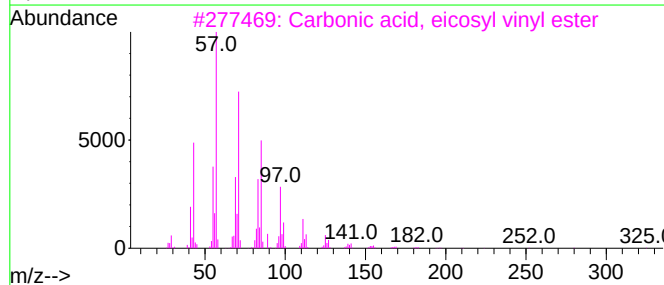
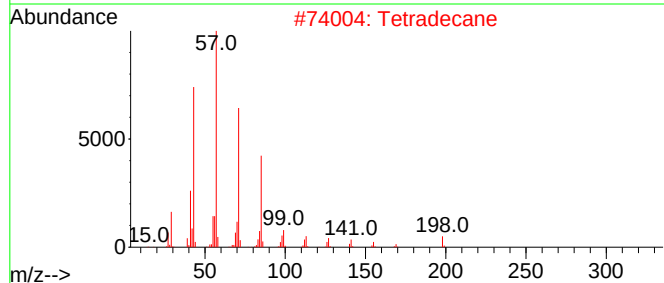
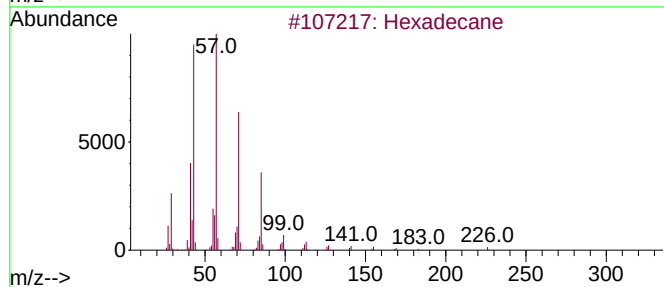
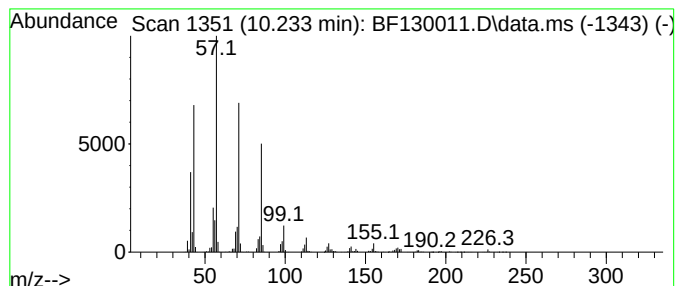
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	103.07 ng	12446600	Acenaphthene-d10	9.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Tetradecane	198	C14H30	000629-59-4	91
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
5			Dodecane	170	C12H26	000112-40-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
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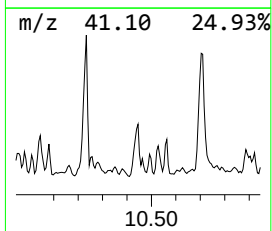
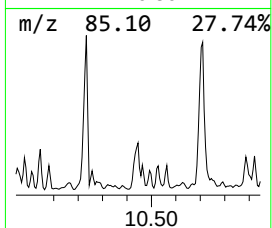
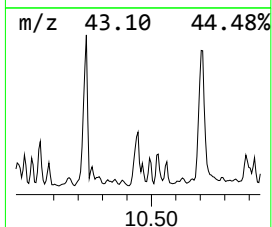
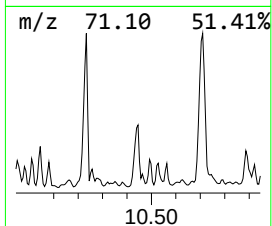
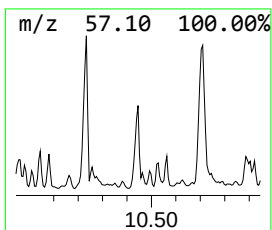
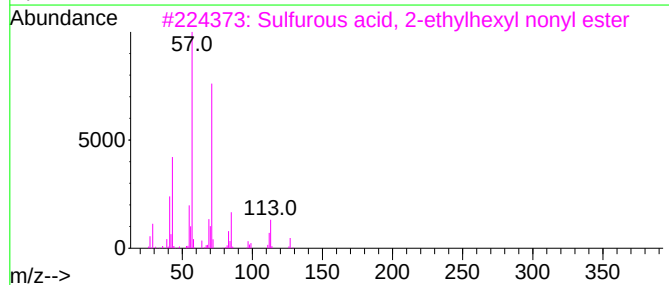
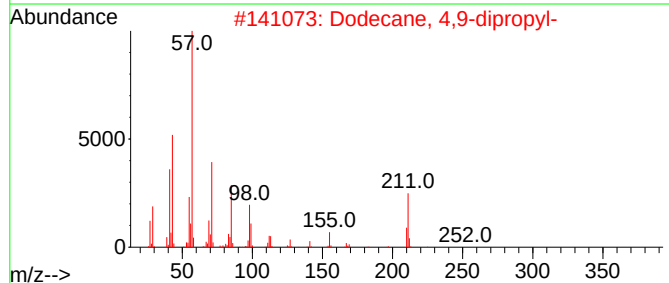
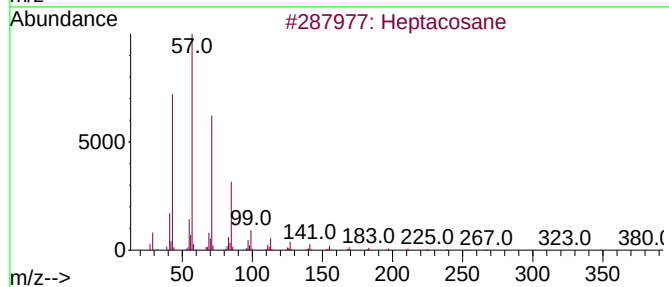
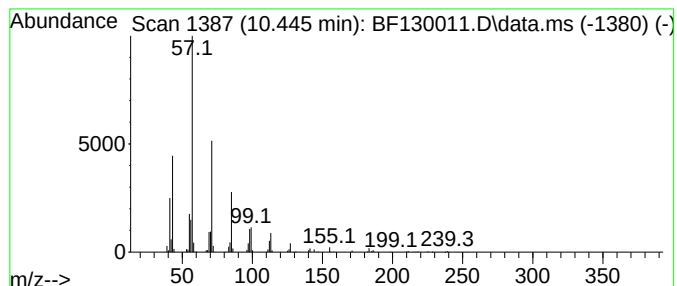
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.445	50.69 ng	6121740	Acenaphthene-d10	9.804	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	80
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
Acq On : 25 Aug 2022 21:41
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ALS Vial : 19 Sample Multiplier: 1

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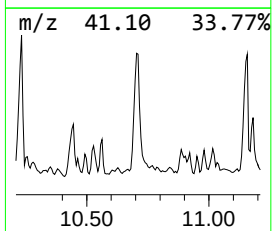
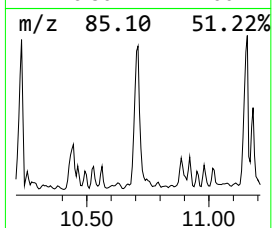
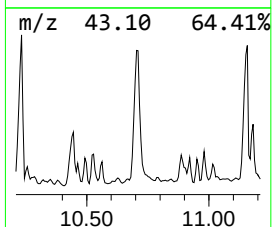
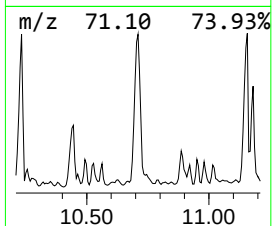
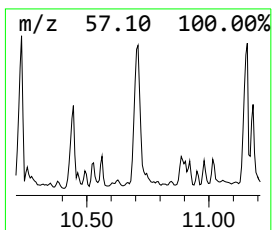
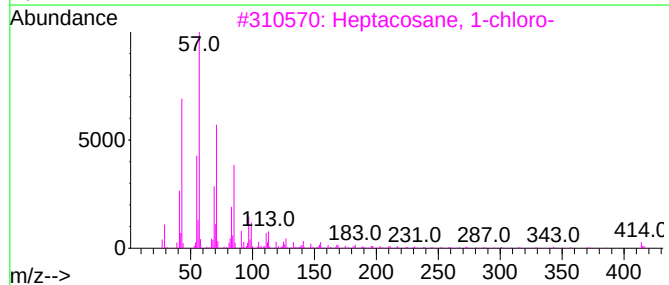
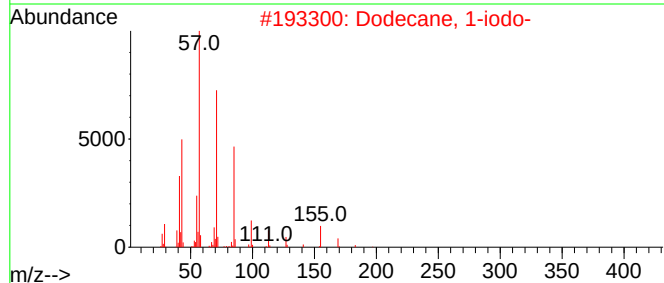
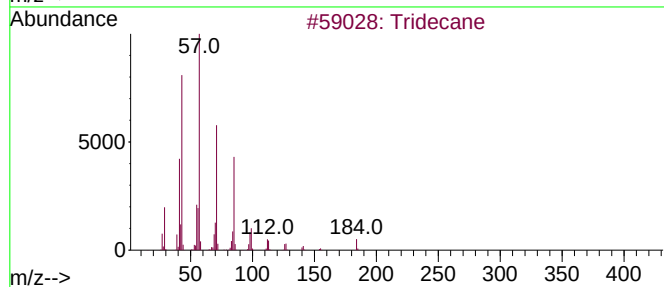
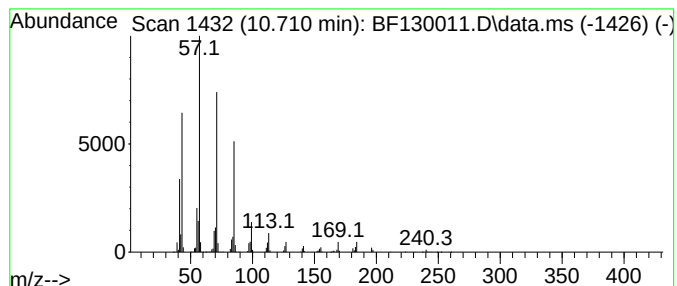
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.710	204.53 ng	14014500	Phenanthrene-d10	11.292

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	94
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
Acq On : 25 Aug 2022 21:41
Operator : CG\JU
Sample : N4303-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1-9

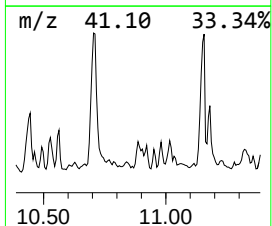
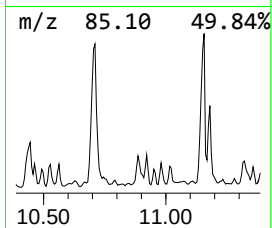
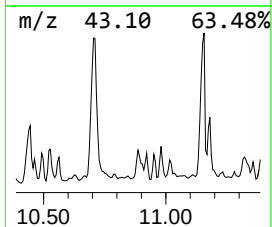
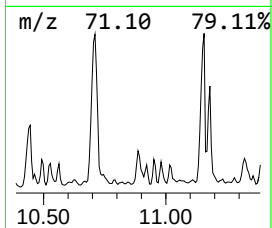
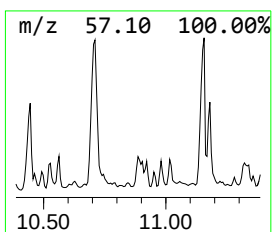
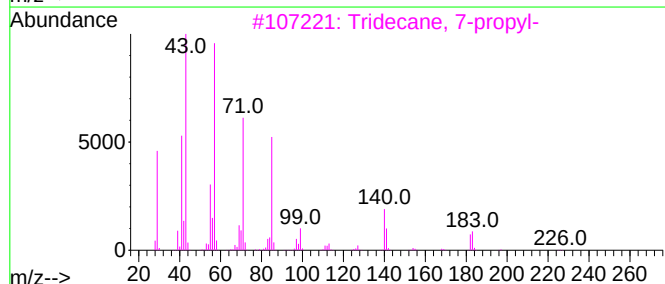
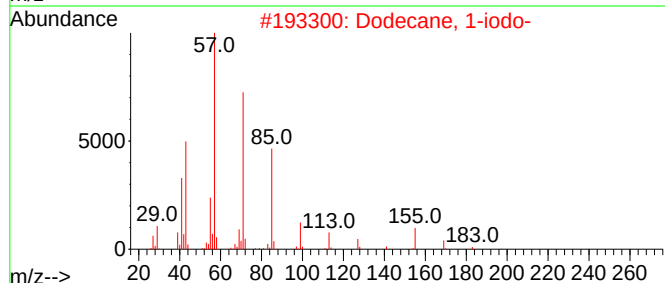
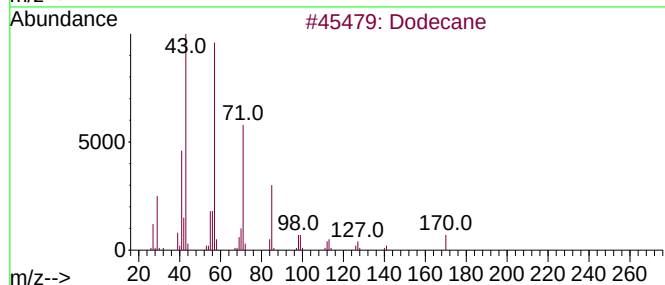
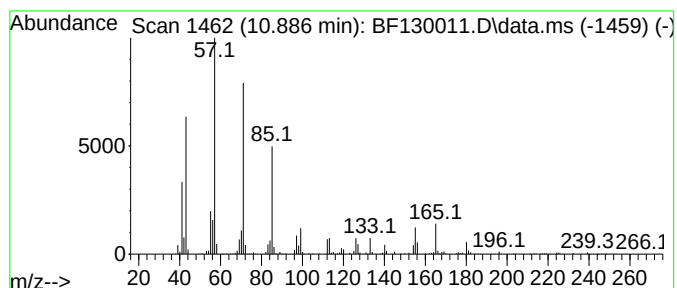
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.886	40.80 ng	2795290	Phenanthrene-d10	11.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	74
4			Undecane	156	C11H24	001120-21-4	72
5			Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
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Sample : N4303-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

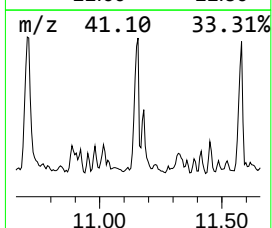
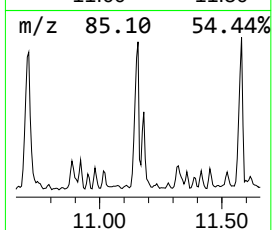
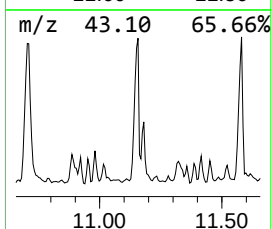
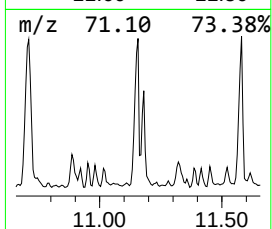
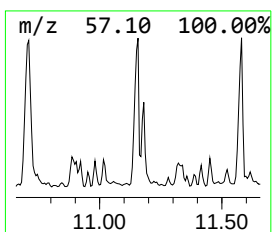
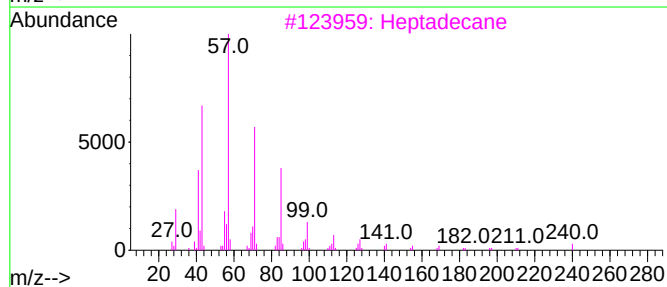
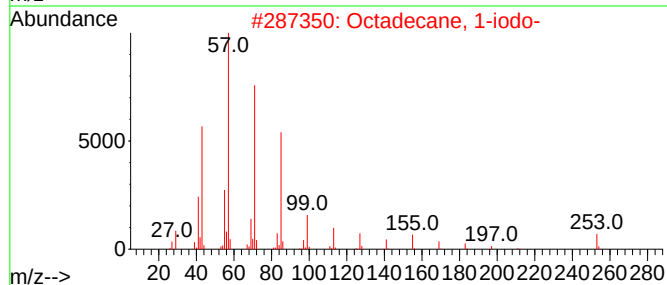
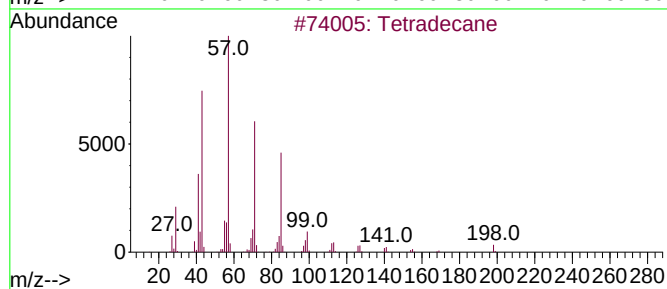
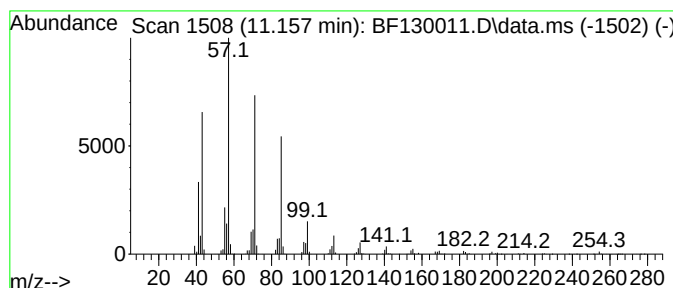
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.157	154.58 ng	10591800	Phenanthrene-d10		11.292	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	91
2	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	91
3	Heptadecane		240	C17H36	000629-78-7	91
4	Hexadecane		226	C16H34	000544-76-3	90
5	Hexadecane, 7,9-dimethyl-		254	C18H38	021164-95-4	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
Acq On : 25 Aug 2022 21:41
Operator : CG\JU
Sample : N4303-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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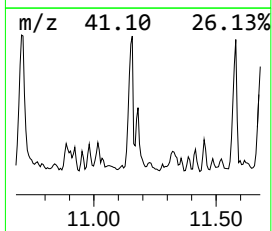
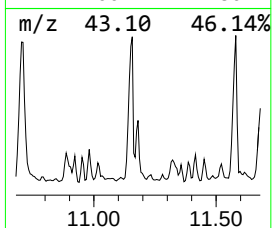
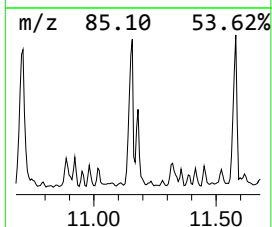
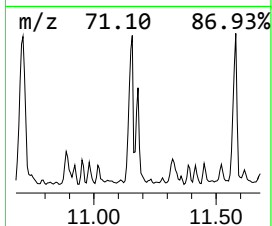
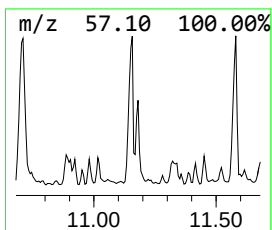
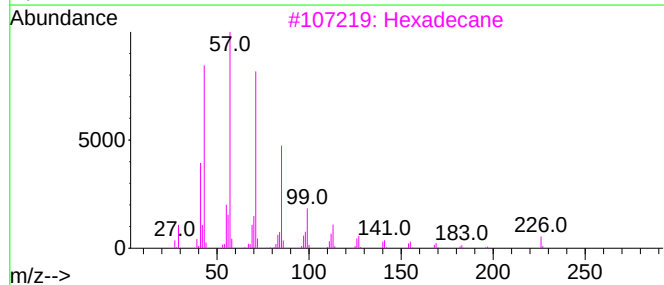
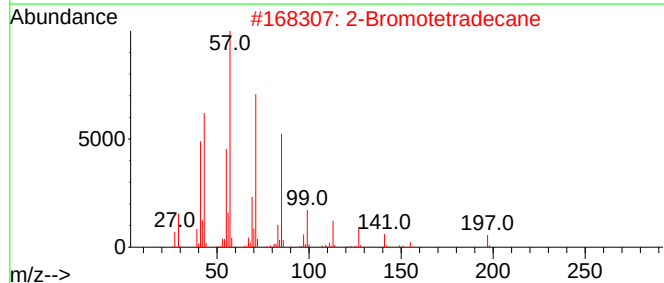
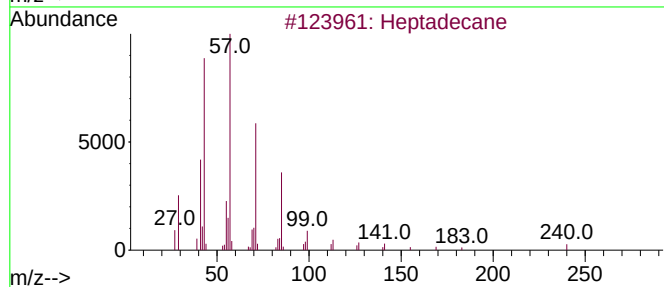
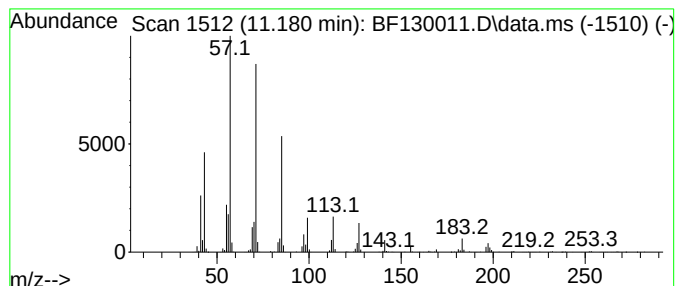
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.180	72.54 ng	4970160	Phenanthrene-d10	11.292

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	93
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3		Hexadecane	226	C16H34	000544-76-3	87
4		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	87
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
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Sample : N4303-01
Misc :
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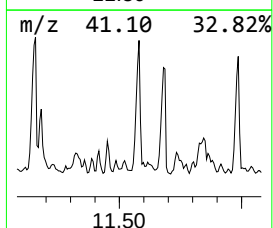
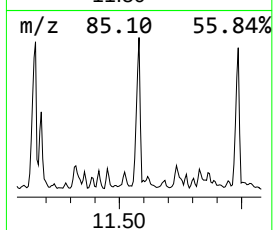
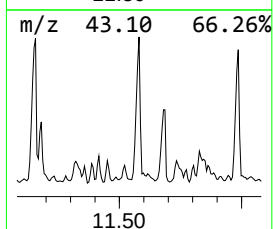
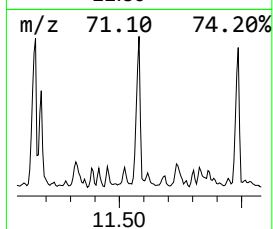
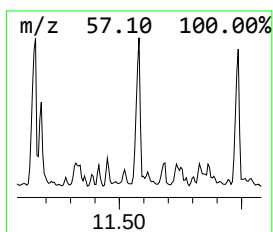
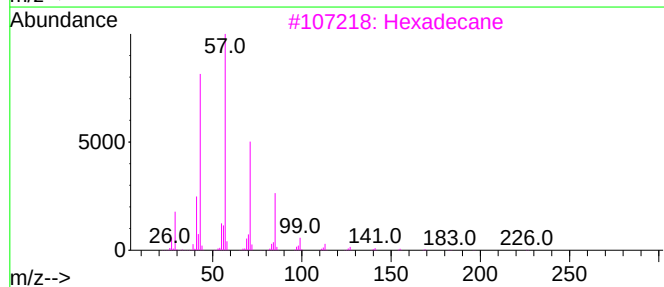
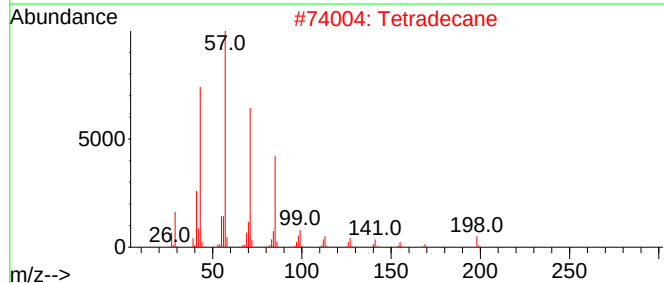
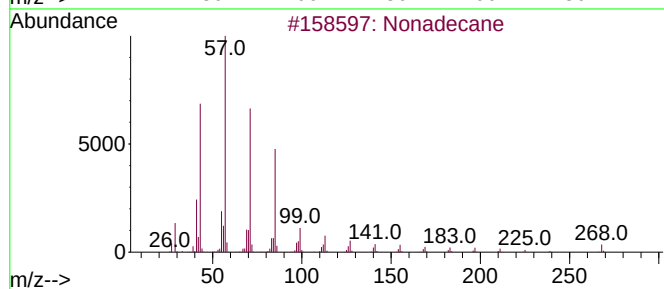
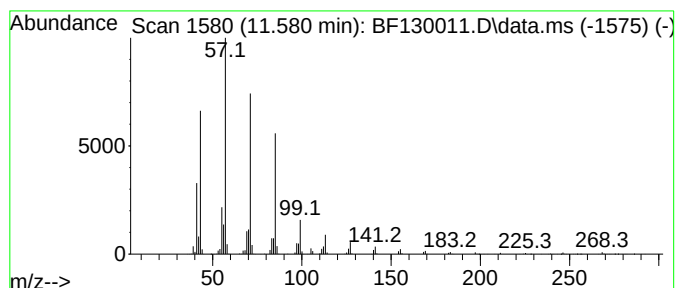
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.580	133.56 ng	9151670	Phenanthrene-d10	11.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
Acq On : 25 Aug 2022 21:41
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Instrument :
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ClientSampleId :
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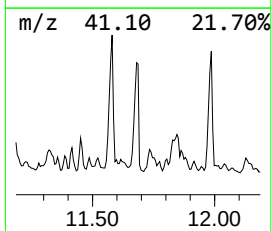
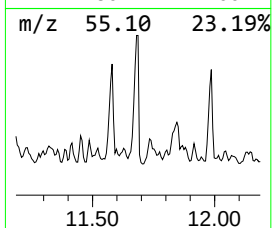
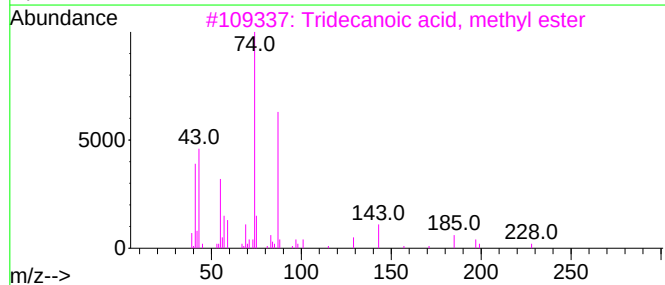
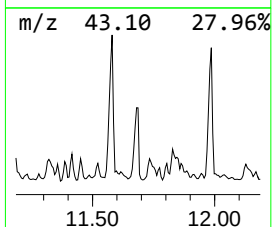
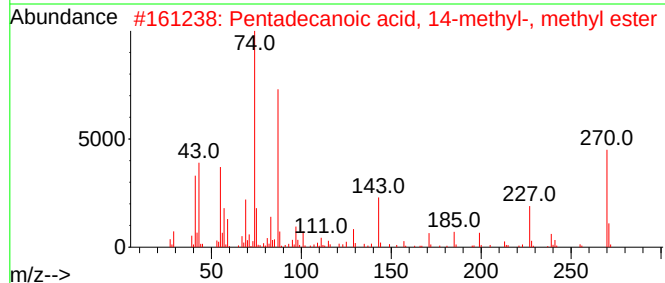
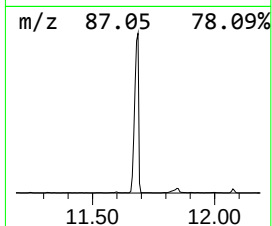
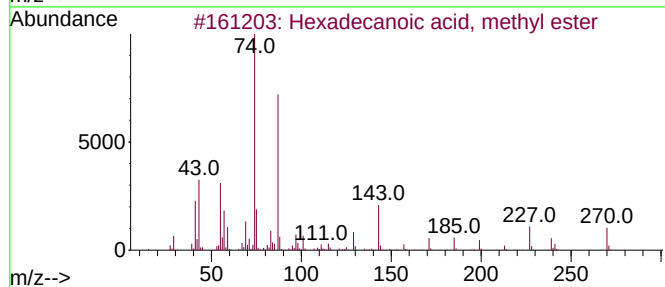
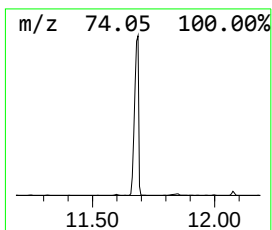
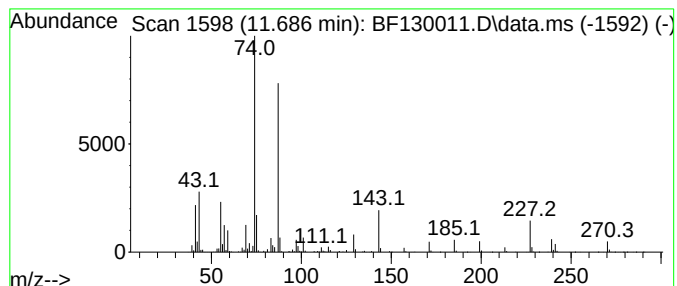
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	163.78 ng	11221900	Phenanthrene-d10	11.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
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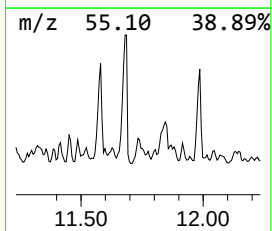
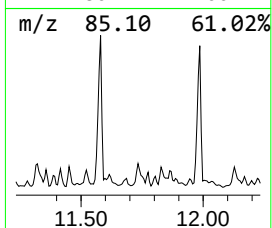
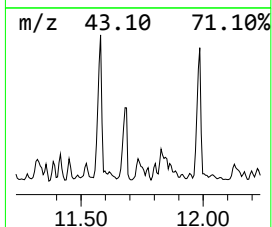
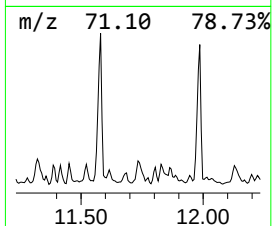
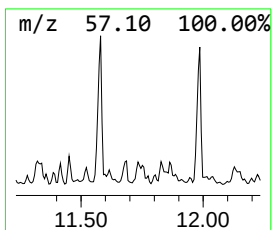
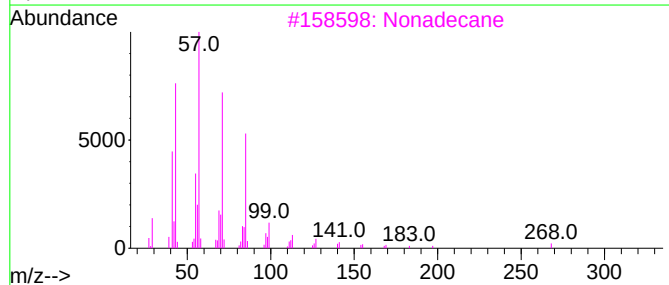
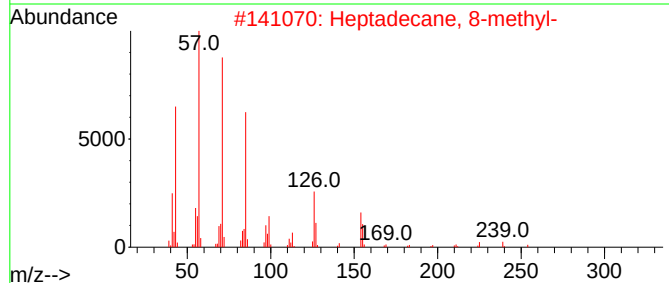
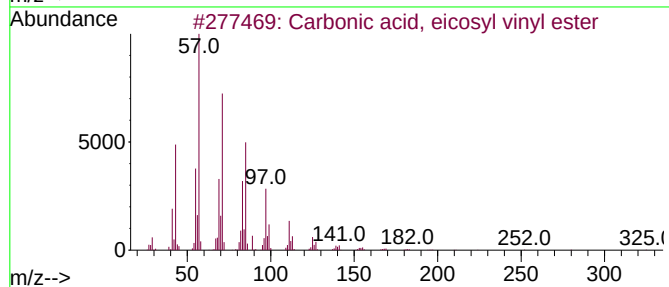
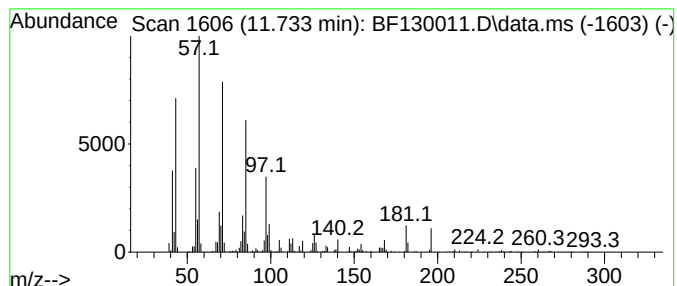
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 8-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.733	34.38 ng	2355790	Phenanthrene-d10	11.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	80
3	Nonadecane	268	C19H40	000629-92-5	74
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72
5	Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
Acq On : 25 Aug 2022 21:41
Operator : CG\JU
Sample : N4303-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

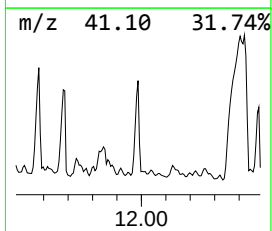
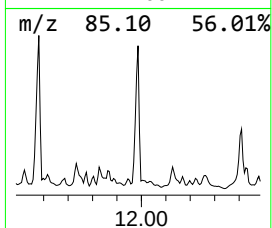
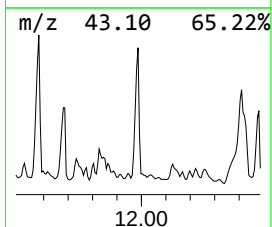
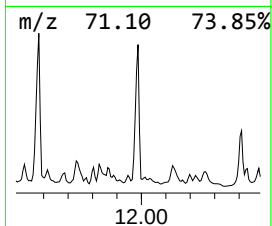
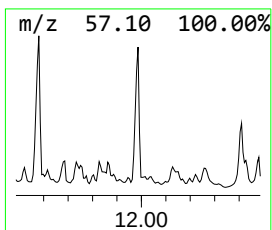
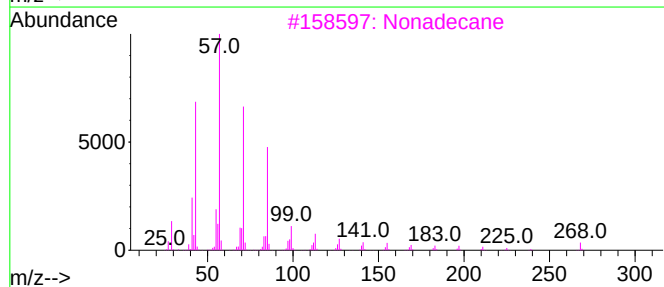
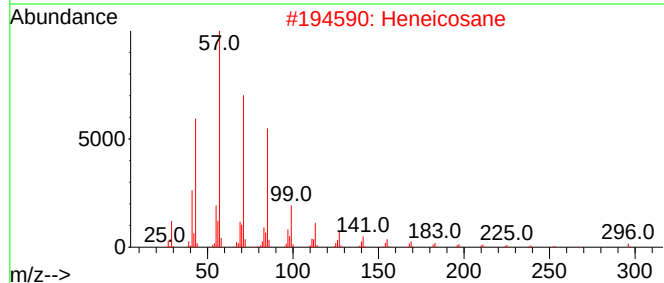
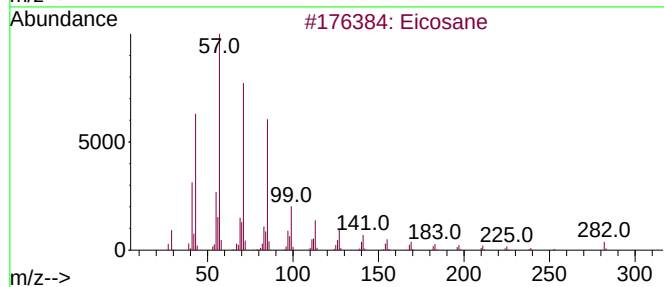
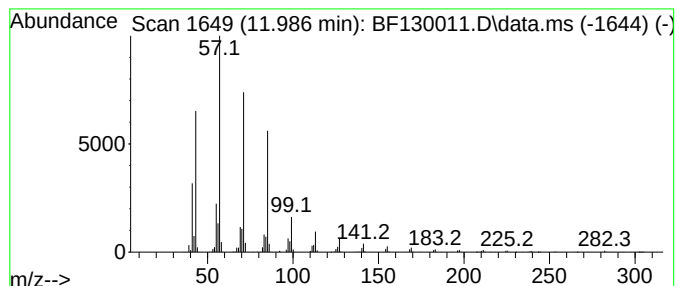
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 17 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	125.87 ng	8624770	Phenanthrene-d10	11.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
Acq On : 25 Aug 2022 21:41
Operator : CG\JU
Sample : N4303-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1-9

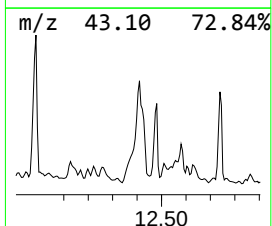
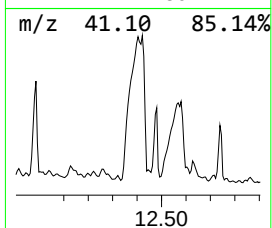
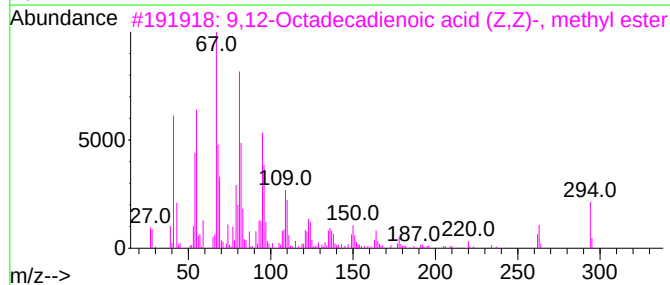
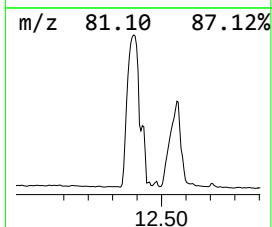
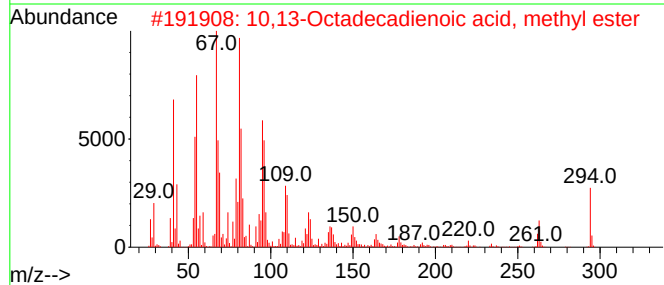
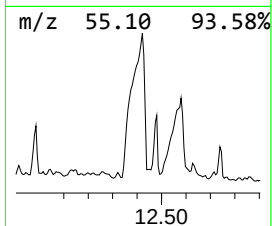
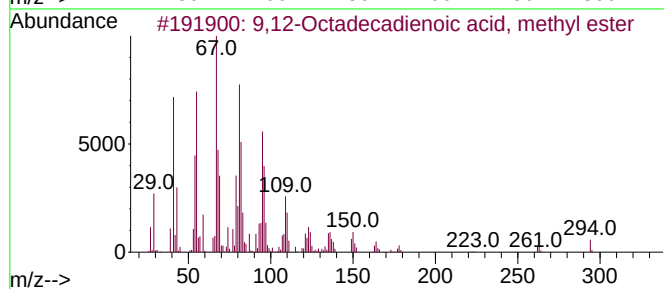
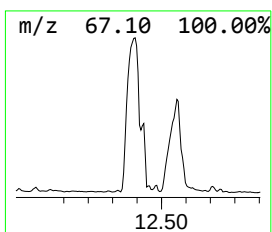
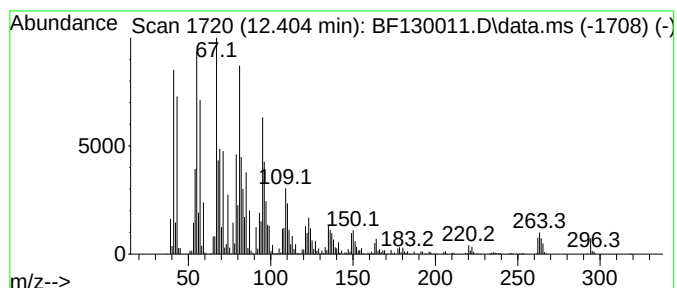
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	700.58 ng	48002800	Phenanthrene-d10	11.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
Acq On : 25 Aug 2022 21:41
Operator : CG\JU
Sample : N4303-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

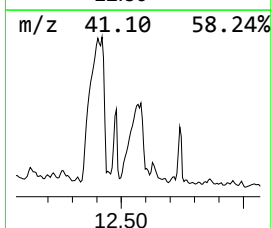
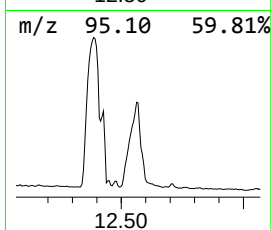
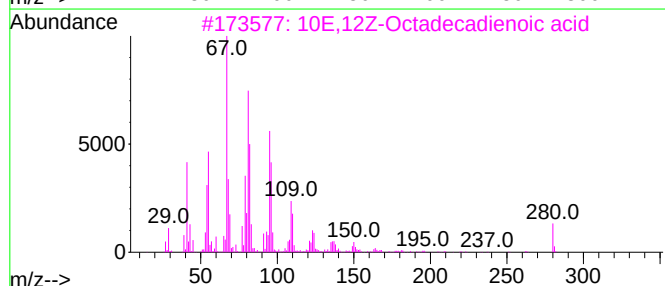
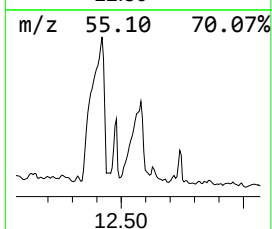
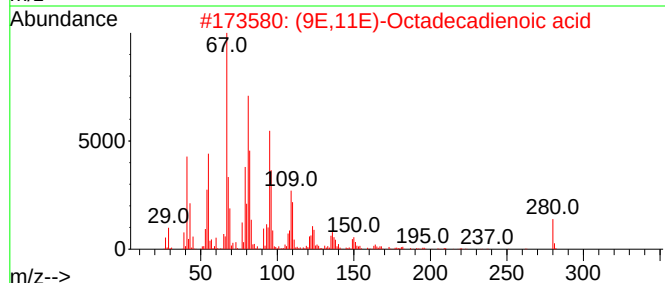
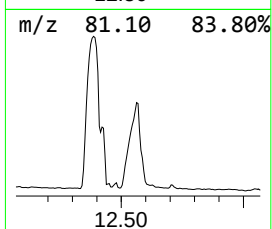
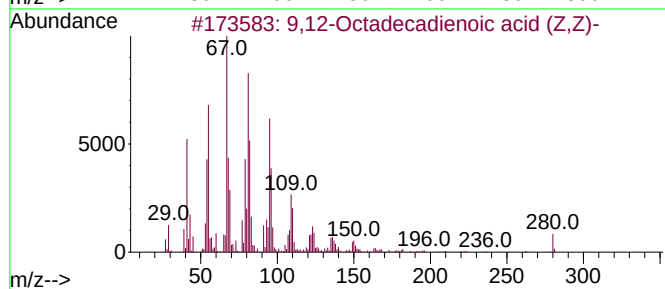
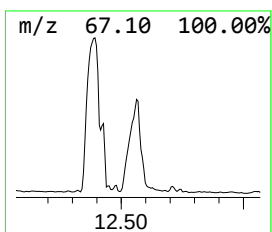
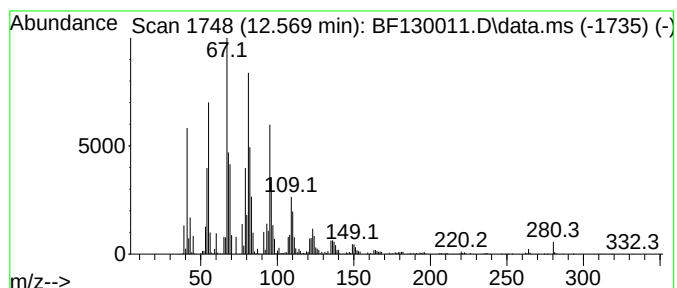
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ClientSampleId :
DRUM-1-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid (... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.569	411.12 ng	28169700	Phenanthrene-d10	11.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	99
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	99
4	Linolelaidic acid	280	C18H32O2	000506-21-8	97
5	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130011.D
Acq On : 25 Aug 2022 21:41
Operator : CG\JU
Sample : N4303-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1-9

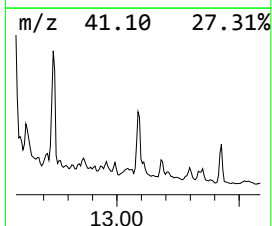
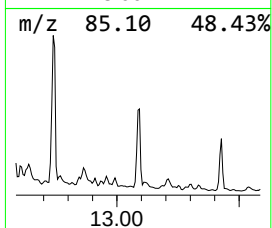
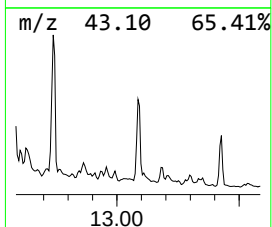
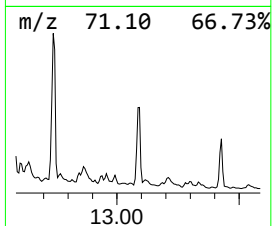
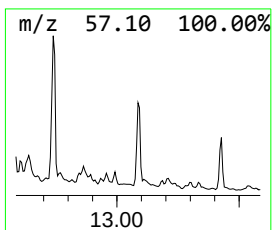
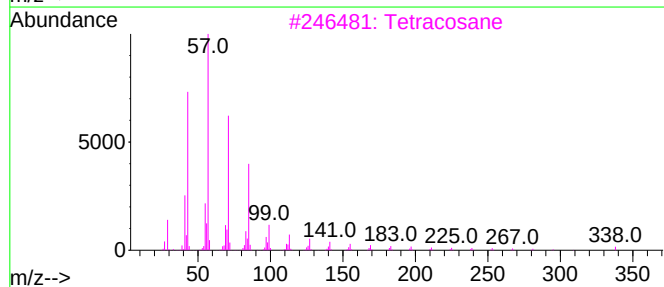
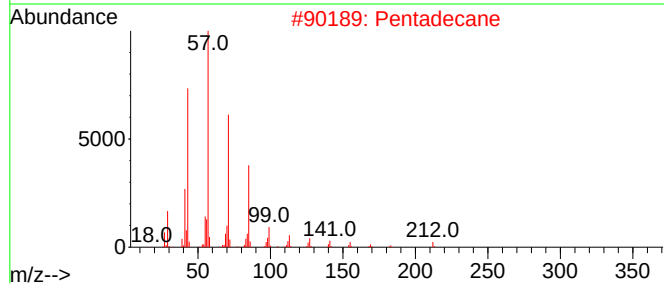
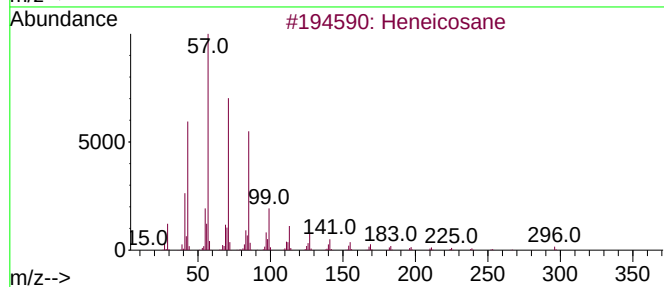
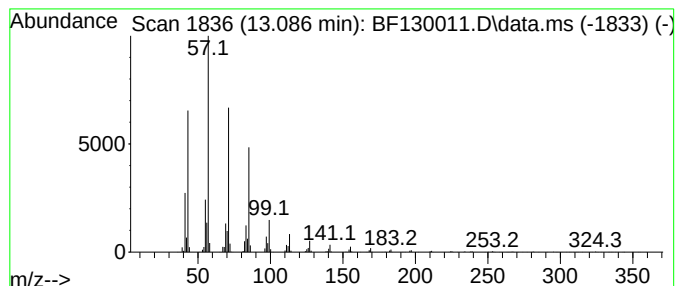
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	47.25 ng	2812080	Chrysene-d12	13.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Pentadecane	212	C15H32	000629-62-9	87
3			Tetracosane	338	C24H50	000646-31-1	87
4			Octacosane	394	C28H58	000630-02-4	87
5			Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF130011.D
 Acq On : 25 Aug 2022 21:41
 Operator : CG\JU
 Sample : N4303-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.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
Naphthalene, 1,...	8.551	40.2	ng	5241500	2	8.045	2607880	20.0
Tridecane	8.634	62.9	ng	8202720	2	8.045	2607880	20.0
Naphthalene, 1,...	8.986	38.1	ng	4607420	3	9.804	2415170	20.0
Naphthalene, 1,...	9.469	49.5	ng	5972540	3	9.804	2415170	20.0
Carbonic acid, ...	9.516	51.8	ng	6249350	3	9.804	2415170	20.0
Pentadecane	9.733	79.2	ng	9569270	3	9.804	2415170	20.0
Naphthalene, 2,...	10.045	34.6	ng	4182720	3	9.804	2415170	20.0
Hexadecane	10.233	103.1	ng	12446600	3	9.804	2415170	20.0
Heptacosane	10.445	50.7	ng	6121740	3	9.804	2415170	20.0
Dodecane, 1-iodo-	10.710	204.5	ng	14014500	4	11.292	1370380	20.0
Dodecane	10.886	40.8	ng	2795290	4	11.292	1370380	20.0
Tetradecane	11.157	154.6	ng	10591800	4	11.292	1370380	20.0
Heptadecane	11.180	72.5	ng	4970160	4	11.292	1370380	20.0
Nonadecane	11.580	133.6	ng	9151670	4	11.292	1370380	20.0
Hexadecanoic ac...	11.686	163.8	ng	11221900	4	11.292	1370380	20.0
Heptadecane, 8-...	11.733	34.4	ng	2355790	4	11.292	1370380	20.0
Eicosane	11.986	125.9	ng	8624770	4	11.292	1370380	20.0
9,12-Octadecadi...	12.404	700.6	ng	48002800	4	11.292	1370380	20.0
9,12-Octadecadi...	12.569	411.1	ng	28169700	4	11.292	1370380	20.0
Heneicosane	13.086	47.3	ng	2812080	5	13.939	1190280	20.0