

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132729.D
 Acq On : 09 Mar 2023 21:11
 Operator : CG\JU
 Sample : 01847-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030823

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-BF022223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132729.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.187	439	442	452	rVB	422017	415582	4.69%	0.395%
2	5.598	509	512	521	rVB	860480	803927	9.07%	0.764%
3	6.604	680	683	688	rVB	887117	775821	8.75%	0.737%
4	6.798	713	716	720	rBV	771014	739571	8.34%	0.703%
5	6.981	743	747	749	rVV	1592977	1440179	16.25%	1.368%
6	7.245	790	792	794	rVB2	548152	409485	4.62%	0.389%
7	7.292	798	800	806	rVB2	507472	652425	7.36%	0.620%
8	7.504	831	836	839	rBV	603305	711283	8.02%	0.676%
9	7.539	839	842	844	rVV2	657312	679141	7.66%	0.645%
10	7.563	844	846	850	rVB	1791487	1355074	15.29%	1.288%
11	7.622	850	856	858	rBV5	559517	744829	8.40%	0.708%
12	7.663	858	863	867	rBV5	291633	572560	6.46%	0.544%
13	7.745	875	877	879	rVB	457677	316300	3.57%	0.301%
14	7.786	879	884	889	rVB3	569749	991654	11.19%	0.942%
15	7.857	891	896	897	rBV2	318392	375279	4.23%	0.357%
16	7.875	897	899	901	rVB	446704	316128	3.57%	0.300%
17	7.904	901	904	906	rBV2	452233	524033	5.91%	0.498%
18	7.934	906	909	912	rVB3	537582	580994	6.55%	0.552%
19	7.969	912	915	917	rBV3	388085	412705	4.66%	0.392%
20	7.998	917	920	922	rVV	1225072	978590	11.04%	0.930%
21	8.075	930	933	935	rVB2	404162	377929	4.26%	0.359%
22	8.098	935	937	940	rVB	644084	476198	5.37%	0.452%
23	8.128	940	942	945	rVB2	442570	364605	4.11%	0.346%
24	8.163	945	948	951	rBV3	315999	420548	4.74%	0.400%
25	8.204	951	955	957	rBV4	311061	447249	5.05%	0.425%
26	8.233	957	960	963	rVV	2725343	2652185	29.92%	2.520%
27	8.263	963	965	967	rVV	2007890	1751770	19.76%	1.665%
28	8.310	970	973	976	rVB2	1507536	1344941	15.17%	1.278%
29	8.345	976	979	981	rBV2	515336	539258	6.08%	0.512%
30	8.457	996	998	1001	rVB2	716497	601789	6.79%	0.572%
31	8.510	1004	1007	1010	rBV2	355849	359186	4.05%	0.341%
32	8.545	1010	1013	1018	rVB4	1133677	1361314	15.36%	1.293%
33	8.604	1018	1023	1025	rBV3	516313	780261	8.80%	0.741%
34	8.628	1025	1027	1028	rVV	580992	412011	4.65%	0.391%
35	8.645	1028	1030	1032	rVV	661097	520249	5.87%	0.494%
36	8.669	1032	1034	1037	rVV2	1329426	1034917	11.67%	0.983%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.698	1037	1039	1042	rVV	399525	366911	4.14%	0.349%
38	8.769	1047	1051	1055	rBV2	1605595	1631763	18.41%	1.550%
39	8.845	1058	1064	1068	rVV	3158348	3003362	33.88%	2.854%
40	8.886	1068	1071	1074	rVV4	461264	734299	8.28%	0.698%
41	8.928	1075	1078	1084	rVV5	804905	1271630	14.34%	1.208%
42	9.086	1102	1105	1109	rVV4	1493554	1547242	17.45%	1.470%
43	9.122	1109	1111	1113	rVV2	771706	670187	7.56%	0.637%
44	9.139	1113	1114	1116	rVV	429892	360094	4.06%	0.342%
45	9.169	1116	1119	1122	rVB4	590908	721260	8.14%	0.685%
46	9.204	1122	1125	1128	rBV3	1123153	1151227	12.99%	1.094%
47	9.245	1130	1132	1134	rVV	504374	424275	4.79%	0.403%
48	9.275	1134	1137	1139	rVV3	1278119	1010318	11.40%	0.960%
49	9.304	1139	1142	1144	rVB2	344644	316003	3.56%	0.300%
50	9.333	1144	1147	1152	rVB	1155582	1170308	13.20%	1.112%
51	9.410	1157	1160	1163	rVV	3574941	3103068	35.00%	2.948%
52	9.451	1165	1167	1169	rVV2	430727	404951	4.57%	0.385%
53	9.486	1171	1173	1176	rVV	884353	771777	8.71%	0.733%
54	9.516	1176	1178	1183	rVV4	311373	364463	4.11%	0.346%
55	9.592	1189	1191	1198	rVB6	435860	654240	7.38%	0.622%
56	9.663	1198	1203	1205	rBV4	662322	1092763	12.33%	1.038%
57	9.728	1211	1214	1217	rBV2	1170302	1354796	15.28%	1.287%
58	9.792	1222	1225	1228	rBV2	560612	614304	6.93%	0.584%
59	9.939	1247	1250	1254	rVB	3325596	3031057	34.19%	2.880%
60	9.980	1254	1257	1259	rBV4	288881	349428	3.94%	0.332%
61	10.027	1262	1265	1267	rVB	1677639	1385579	15.63%	1.317%
62	10.122	1278	1281	1286	rBV3	282718	382926	4.32%	0.364%
63	10.175	1286	1290	1292	rVV2	468442	656632	7.41%	0.624%
64	10.198	1292	1294	1296	rVV2	629639	514259	5.80%	0.489%
65	10.227	1296	1299	1302	rVB3	586934	549538	6.20%	0.522%
66	10.263	1302	1305	1309	rBV3	922417	1145731	12.92%	1.089%
67	10.298	1309	1311	1315	rVB	568882	476887	5.38%	0.453%
68	10.339	1315	1318	1321	rBV4	414297	598271	6.75%	0.568%
69	10.445	1332	1336	1338	rBV	3320731	2978824	33.60%	2.830%
70	10.663	1368	1373	1375	rBV	1391586	1785655	20.14%	1.697%
71	10.716	1379	1382	1384	rBV	457225	363411	4.10%	0.345%
72	10.745	1384	1387	1391	rBV2	412648	466292	5.26%	0.443%
73	10.780	1391	1393	1396	rVB2	675392	527142	5.95%	0.501%
74	10.816	1396	1399	1402	rBV2	451826	472301	5.33%	0.449%
75	10.916	1413	1416	1421	rBV	3263174	3960594	44.68%	3.763%
76	11.104	1446	1448	1451	rBV	408075	467888	5.28%	0.445%

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77	11.139	1453	1454	1458	rVV2	356419	350643	3.96%	0.333%
78	11.204	1462	1465	1468	rVB	378390	355690	4.01%	0.338%
79	11.239	1468	1471	1473	rBV2	383420	343360	3.87%	0.326%
80	11.369	1489	1493	1495	rBV	2799498	2324576	26.22%	2.209%
81	11.392	1495	1497	1500	rVB	940283	907674	10.24%	0.862%
82	11.522	1515	1519	1521	rBV	1607802	1399449	15.79%	1.330%
83	11.545	1521	1523	1527	rVB	385357	399099	4.50%	0.379%
84	11.639	1536	1539	1543	rVB	350703	346397	3.91%	0.329%
85	11.674	1543	1545	1549	rBV2	343549	353359	3.99%	0.336%
86	11.792	1562	1565	1569	rVB	2185338	1895273	21.38%	1.801%
87	11.898	1579	1583	1586	rVB	3109361	2592459	29.24%	2.463%
88	11.957	1586	1593	1599	rBV4	271327	501226	5.65%	0.476%
89	12.204	1632	1635	1638	rBV	2000967	1610937	18.17%	1.531%
90	12.592	1696	1701	1703	rBV2	7641707	8864738	100.00%	8.423%
91	12.616	1703	1705	1711	rVB2	5186477	4829454	54.48%	4.589%
92	12.692	1715	1718	1722	rVB	1439529	1131280	12.76%	1.075%
93	12.745	1722	1727	1731	rBV3	574528	793316	8.95%	0.754%
94	12.968	1761	1765	1772	rVB2	1169634	1272293	14.35%	1.209%
95	13.110	1785	1789	1791	rVB	872833	764944	8.63%	0.727%
96	13.321	1823	1825	1828	rBV	573308	500045	5.64%	0.475%
97	13.668	1881	1884	1887	rBV	404603	330769	3.73%	0.314%
98	14.180	1966	1971	1974	rBV2	1596033	1716396	19.36%	1.631%
99	14.268	1982	1986	1990	rBV	439574	503529	5.68%	0.478%
100	15.721	2229	2233	2238	rBV	841173	1064432	12.01%	1.011%

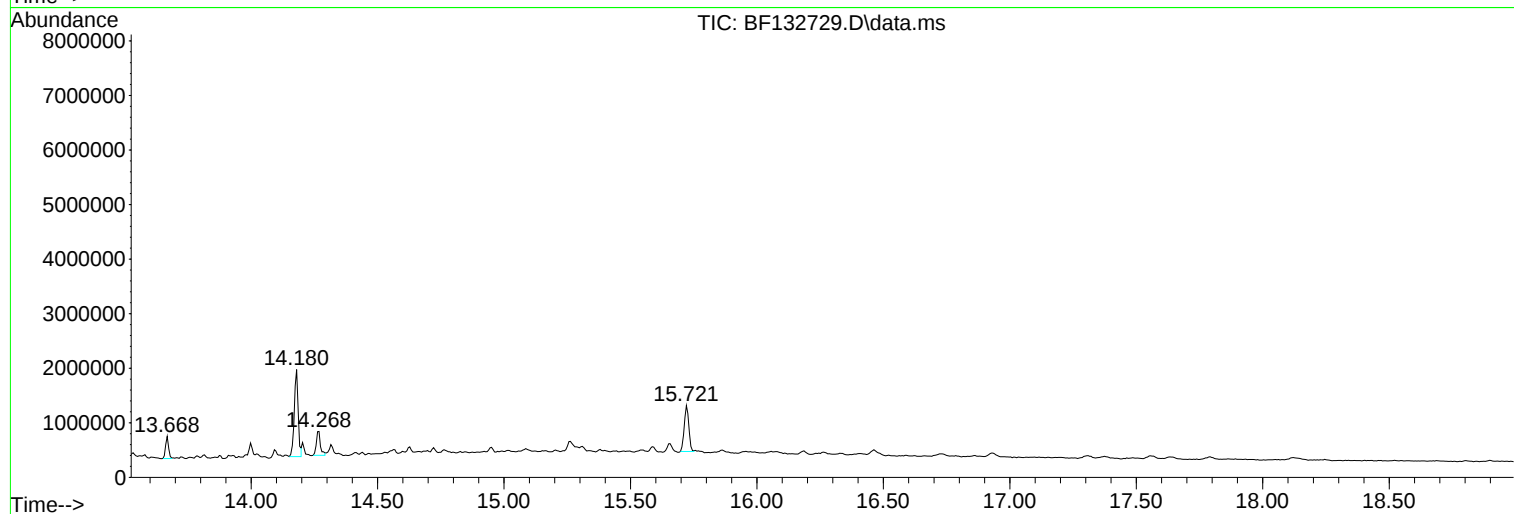
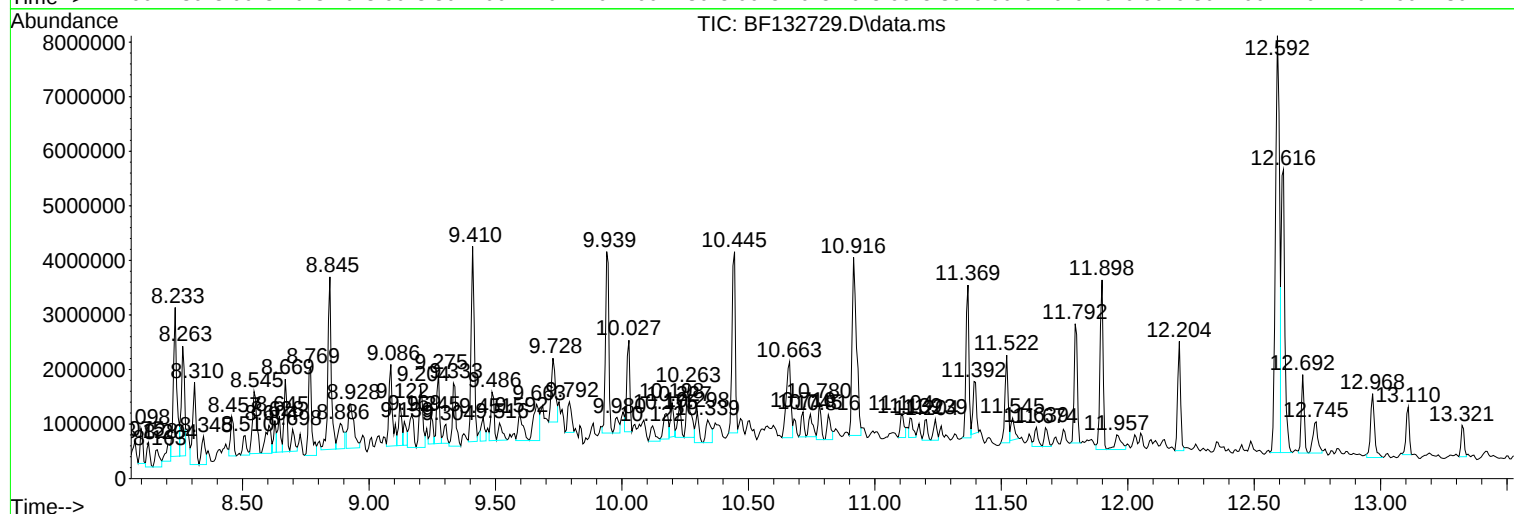
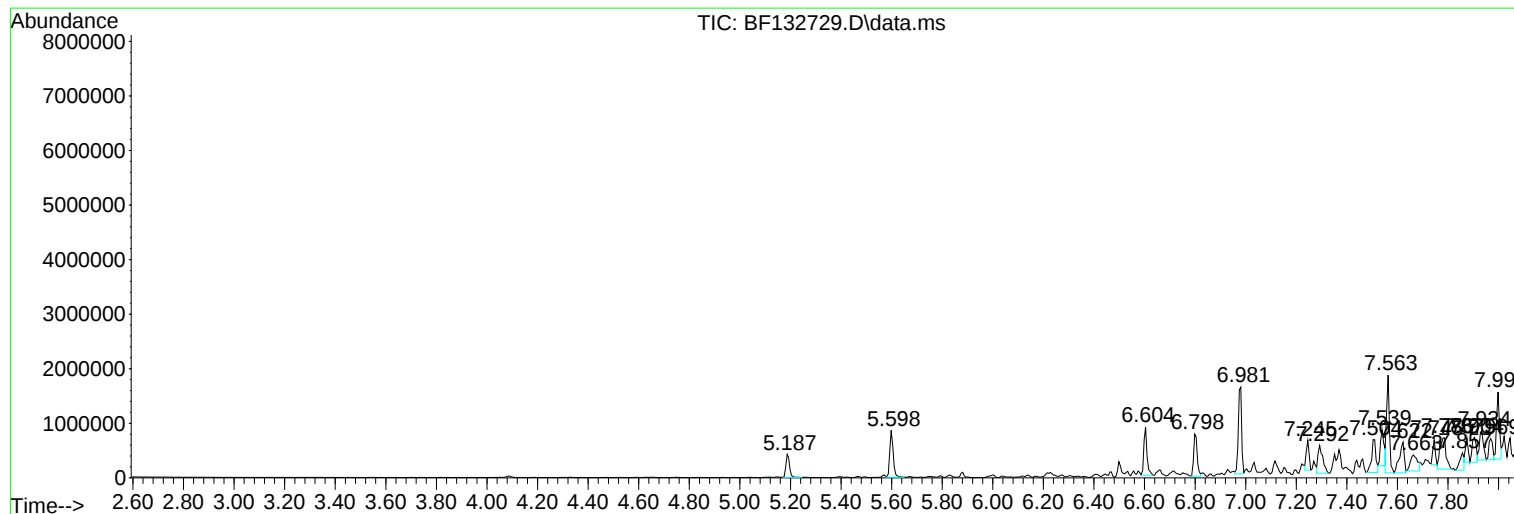
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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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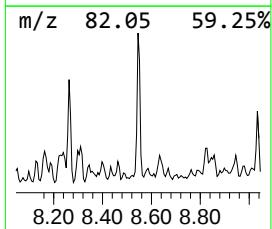
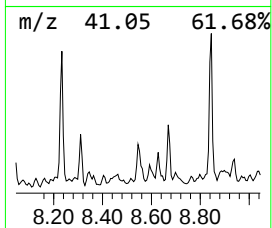
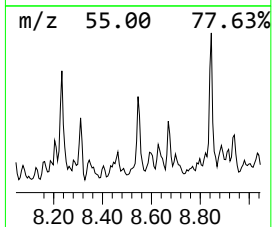
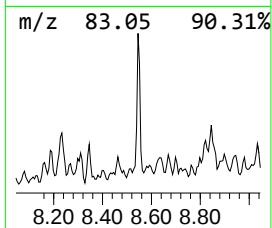
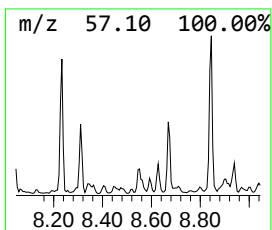
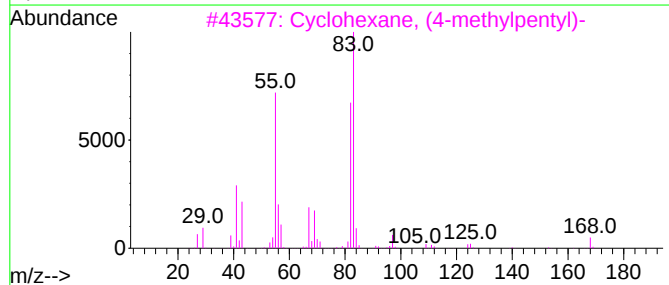
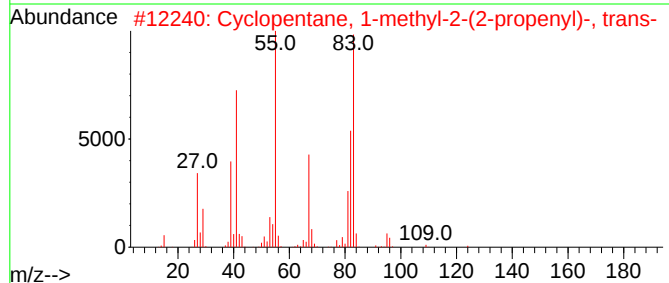
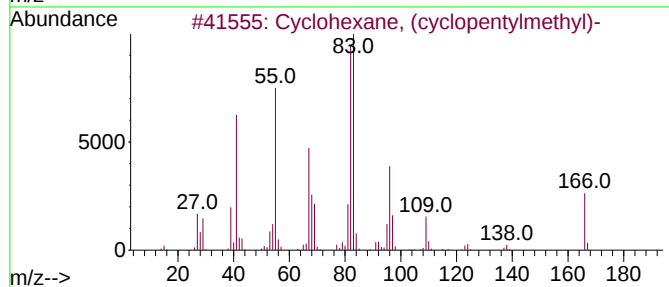
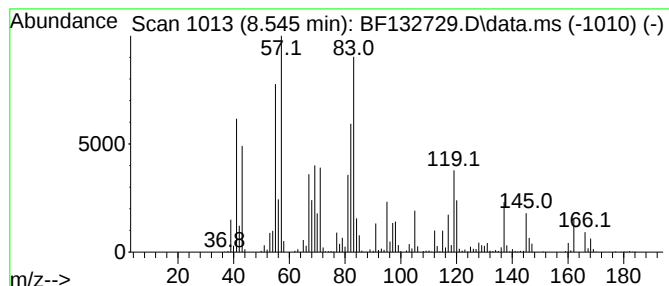
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown8.545 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.545	15.54 ng	1361310	Naphthalene-d8	8.263	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	43
2	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	38
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	35



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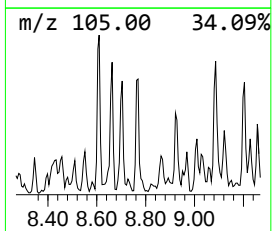
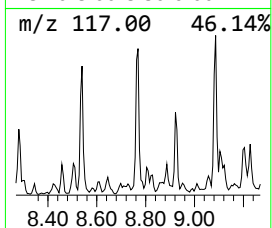
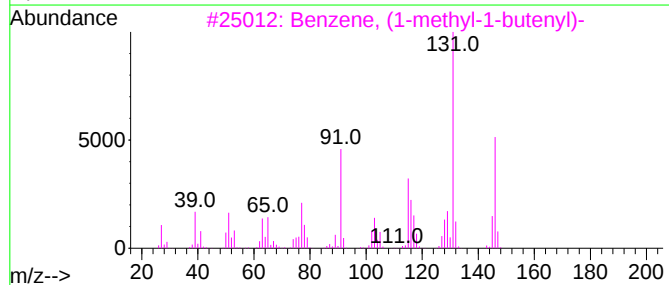
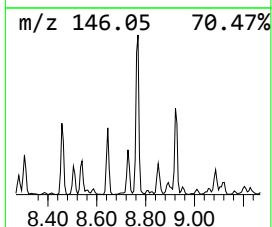
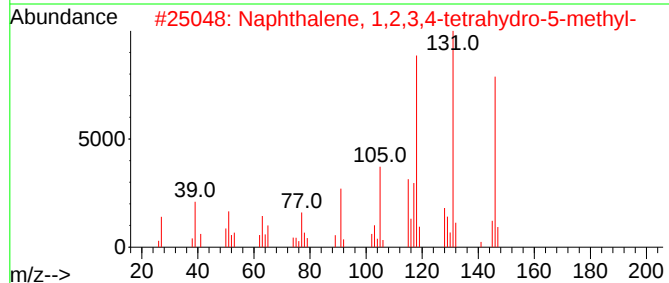
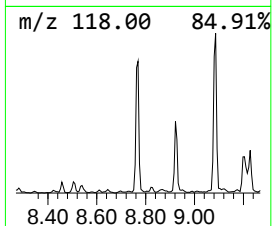
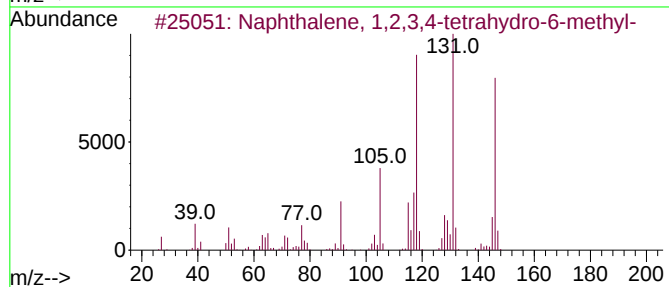
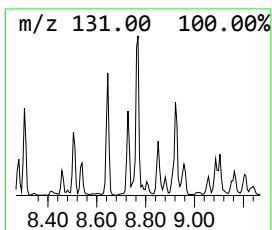
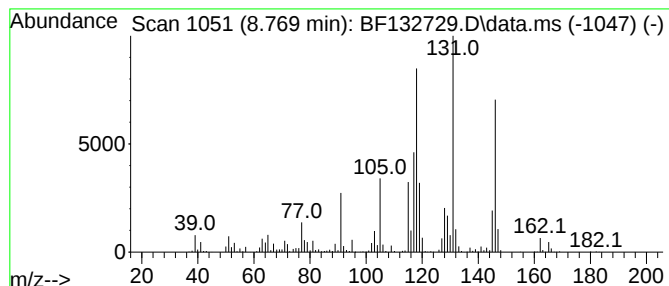
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.769	18.63 ng	1631760	Naphthalene-d8	8.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
5			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	52



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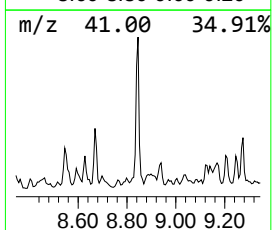
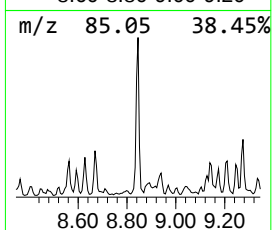
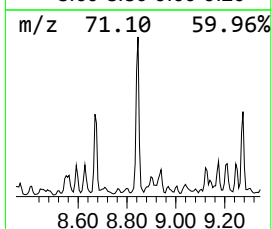
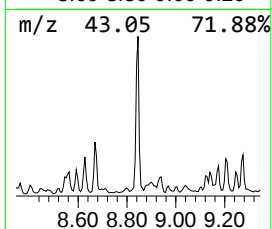
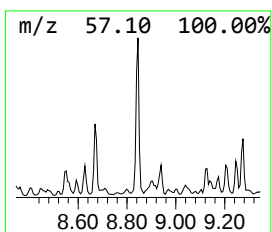
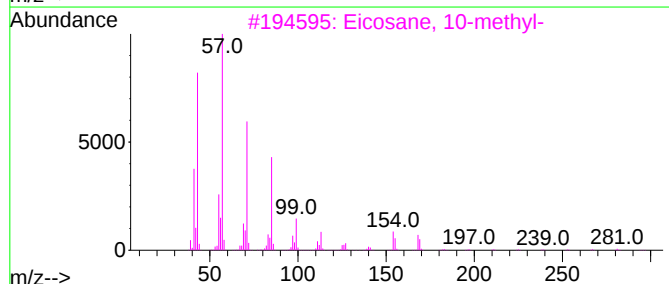
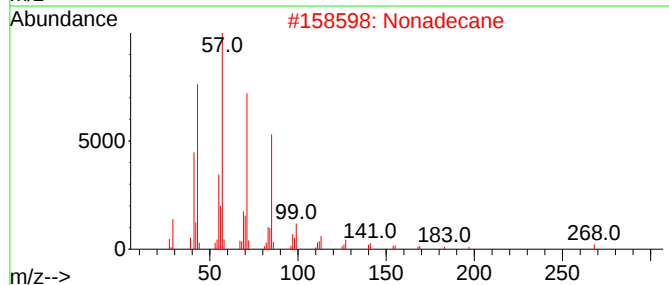
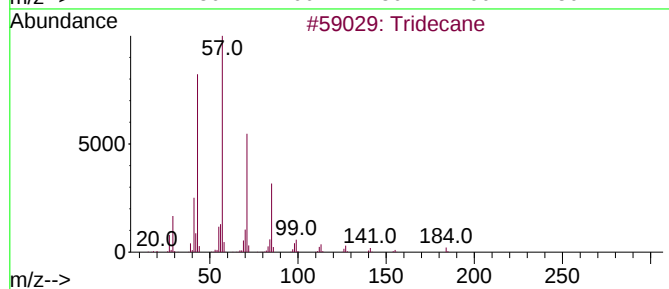
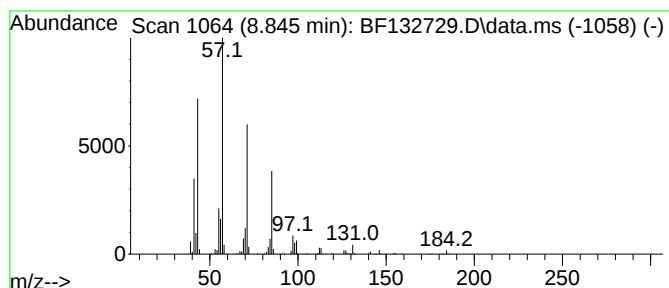
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.845	34.29 ng	3003360	Naphthalene-d8	8.263

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Nonadecane	268	C19H40	000629-92-5	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
4		Hexadecane	226	C16H34	000544-76-3	78
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
Sample : 01847-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-030823

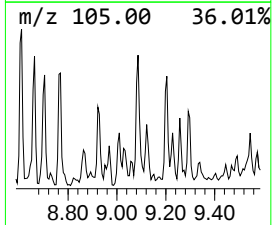
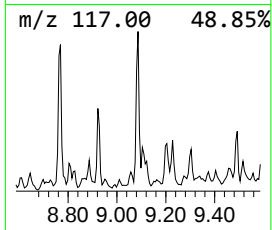
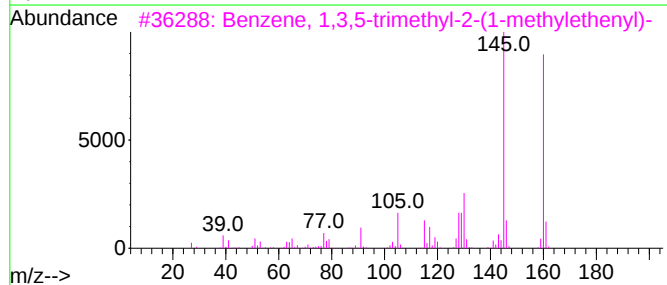
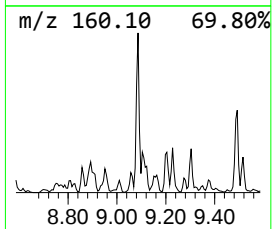
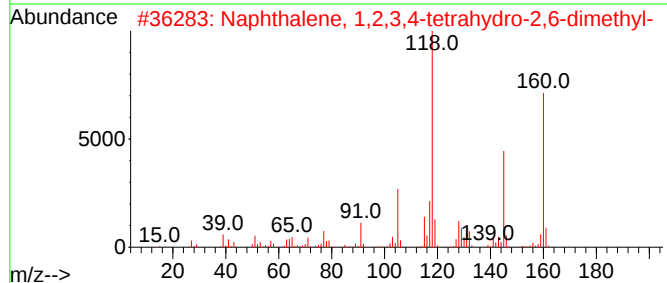
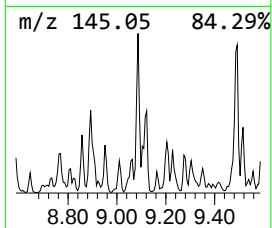
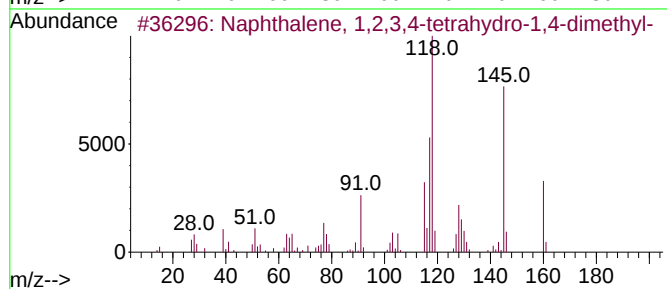
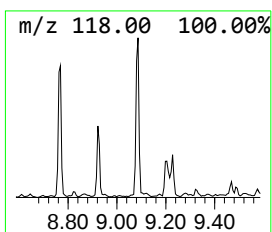
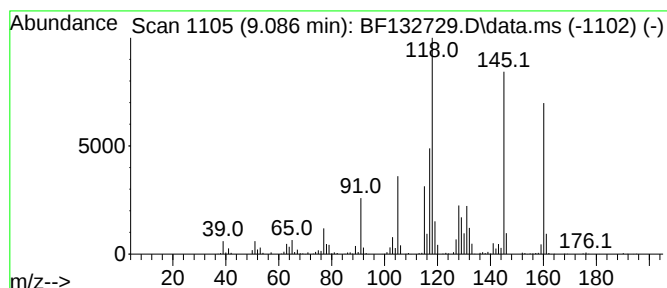
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.086	17.66 ng	1547240	Naphthalene-d8	8.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
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Misc :
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Instrument :
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ClientSampleId :
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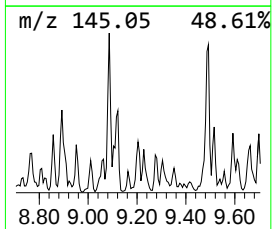
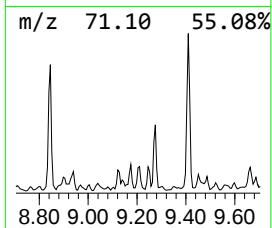
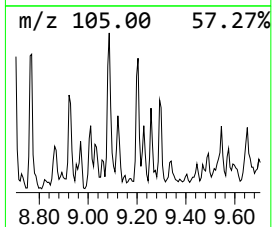
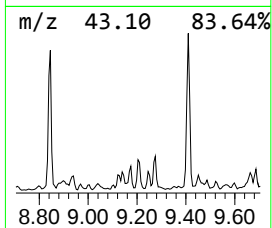
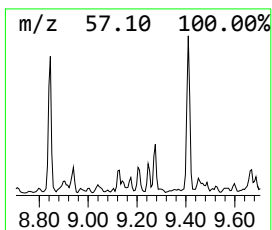
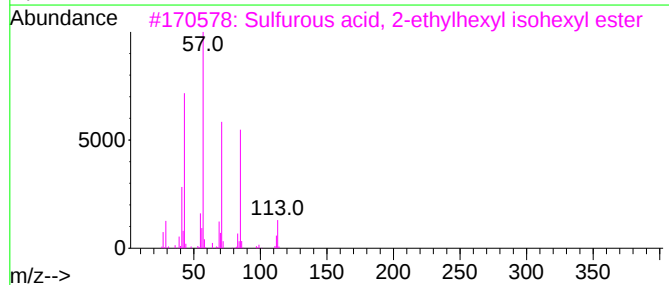
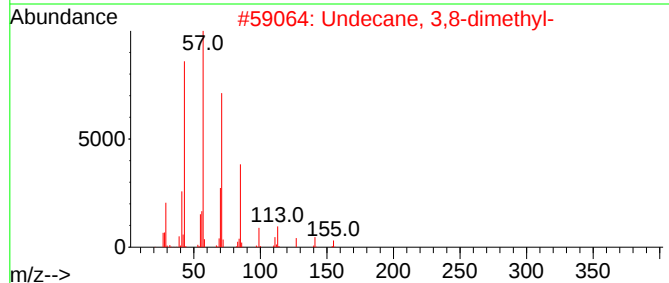
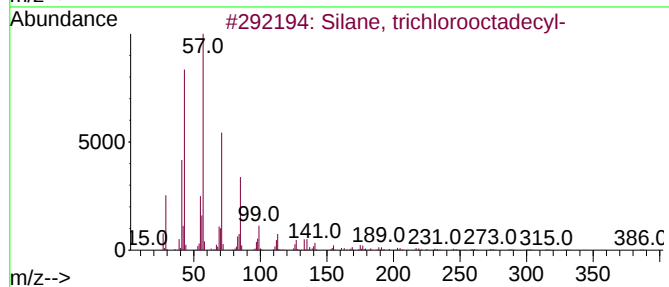
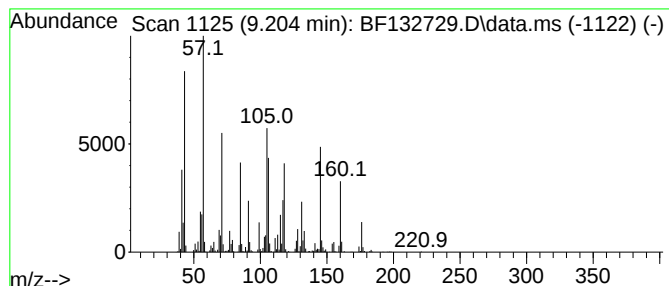
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.204 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.204	16.62 ng	1151230	Acenaphthene-d10	10.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	18
2			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	15
3			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	11
4			4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	11
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
Sample : 01847-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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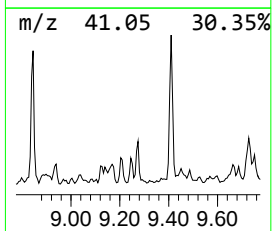
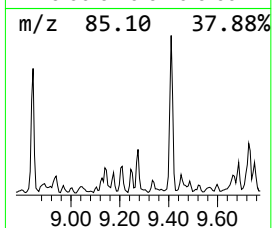
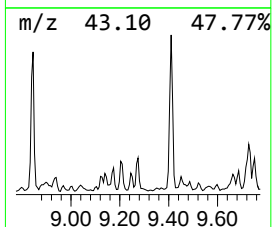
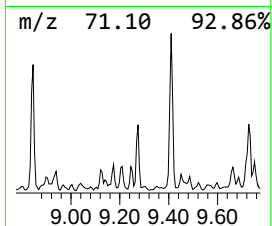
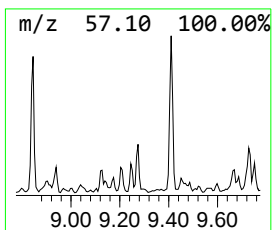
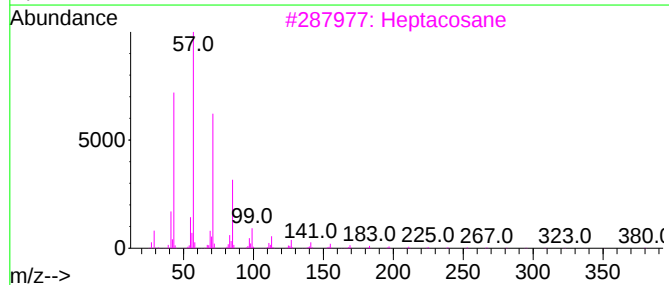
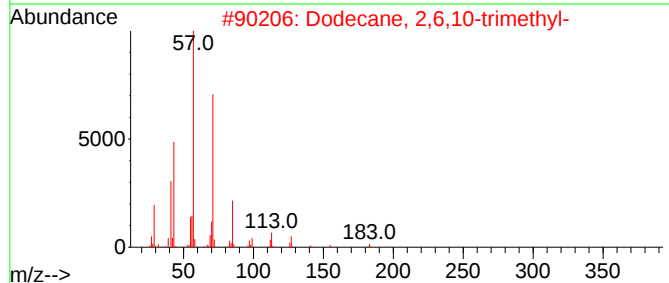
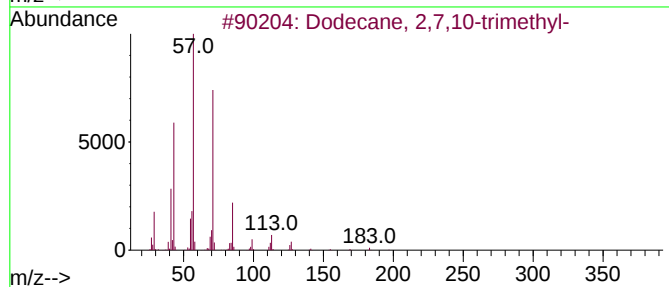
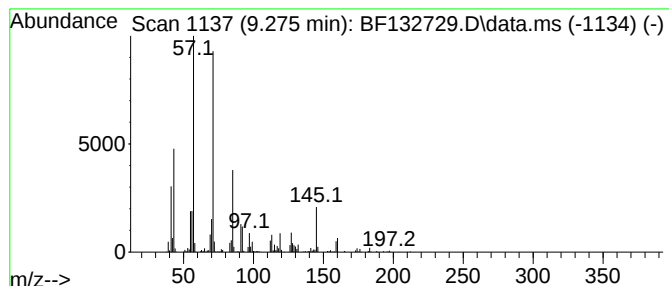
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	14.58 ng	1010320	Acenaphthene-d10	10.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
3			Heptacosane	380	C27H56	000593-49-7	53
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	50
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
Sample : 01847-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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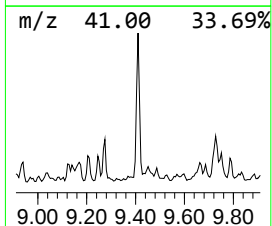
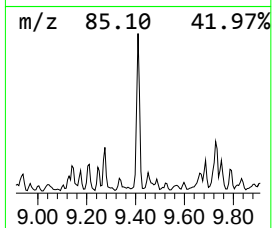
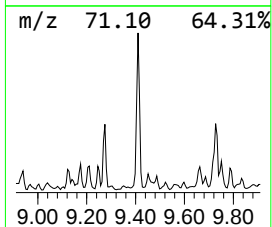
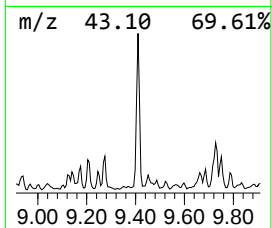
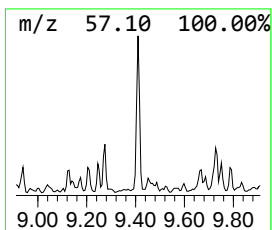
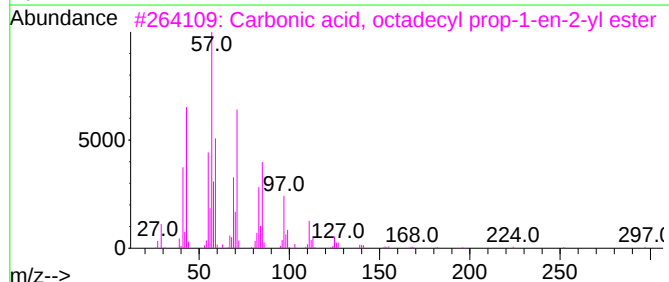
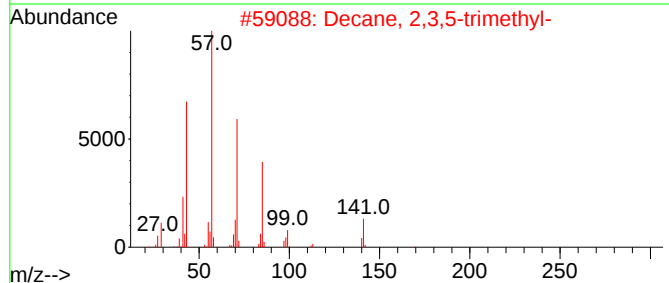
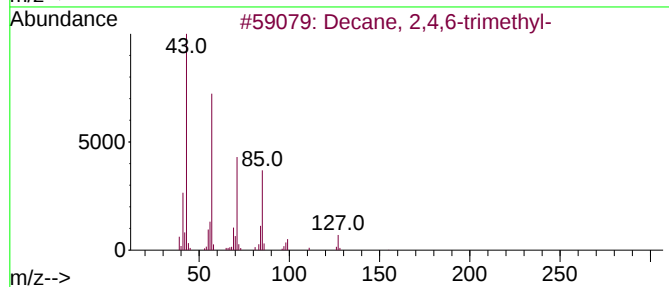
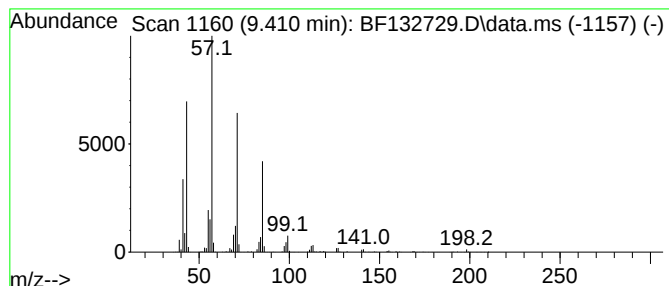
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Decane, 2,4,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	44.79 ng	3103070	Acenaphthene-d10	10.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	83
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3			Carbonic acid, octadecyl prop-1-en-2-yl ester	354	C22H42O3	1000383-11-5	80
4			Hexadecane	226	C16H34	000544-76-3	80
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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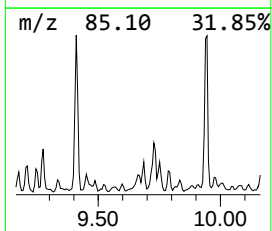
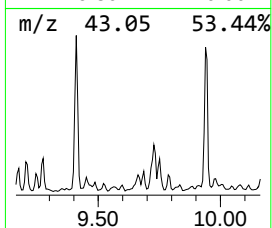
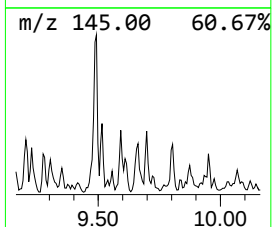
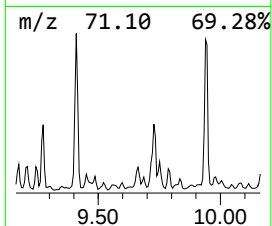
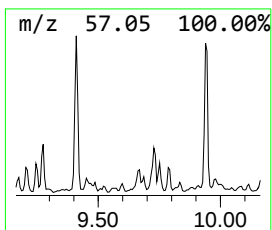
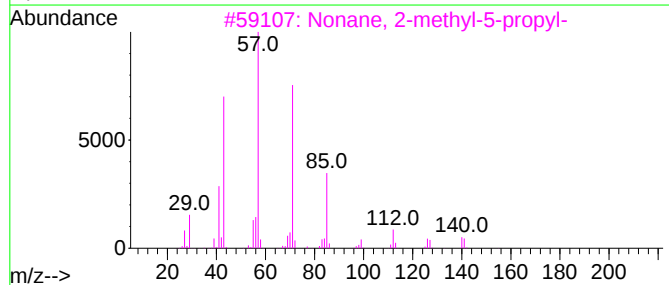
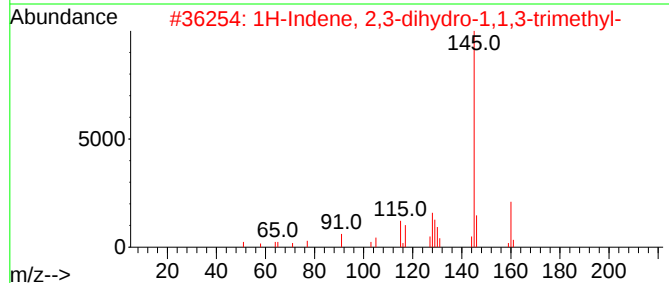
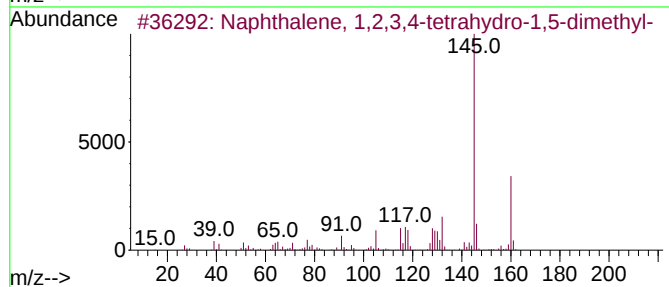
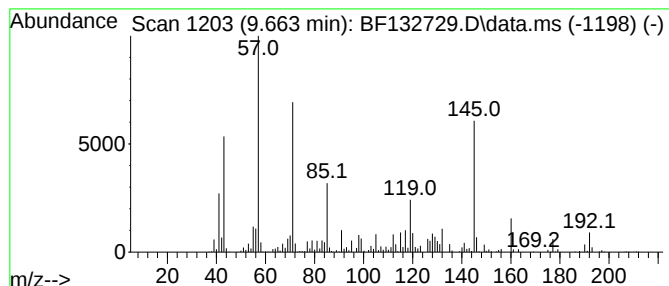
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.663 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.663	15.77 ng	1092760	Acenaphthene-d10	10.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	38
2			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	35
3			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	30
4			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	25
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
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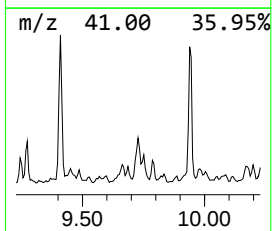
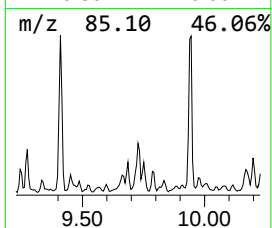
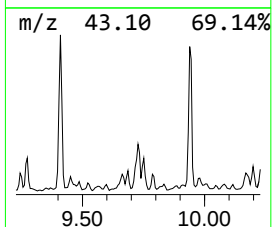
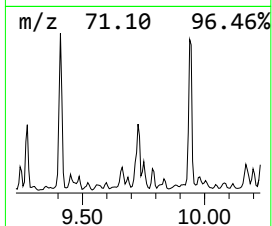
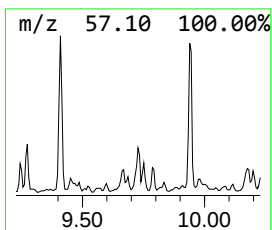
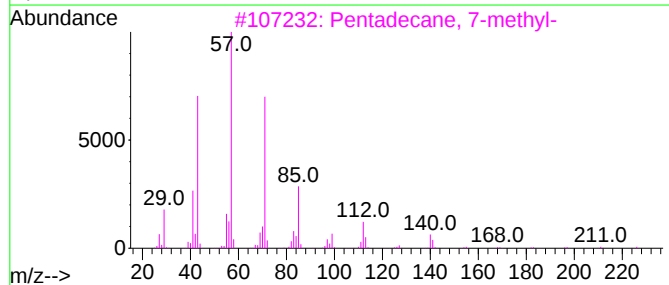
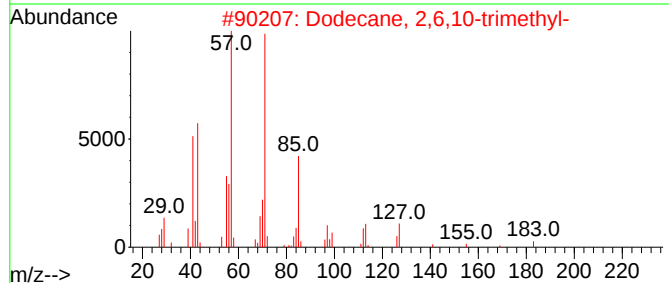
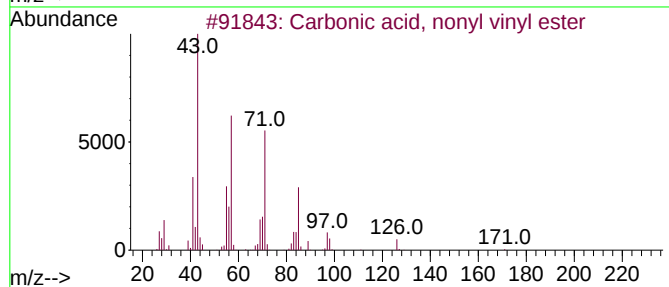
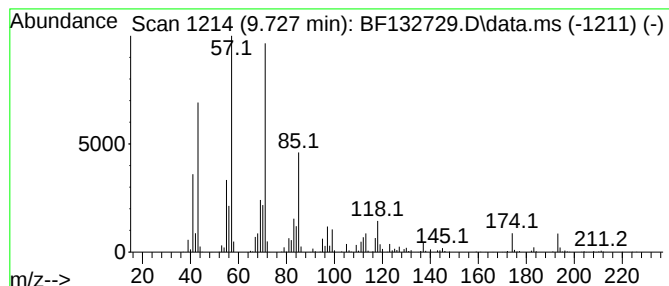
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Carbonic acid, nonyl vinyl ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.727	19.56 ng	1354800	Acenaphthene-d10	10.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	87
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
4			1-Tetradecene	196	C14H28	001120-36-1	60
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
TR-05-030823

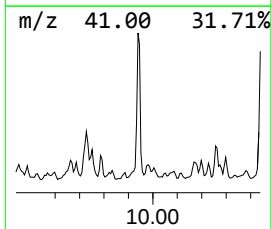
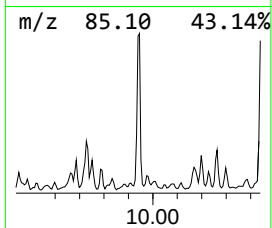
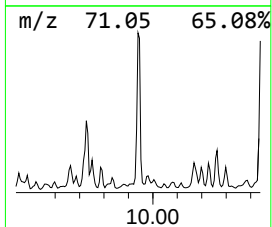
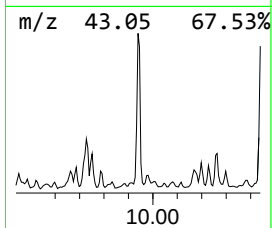
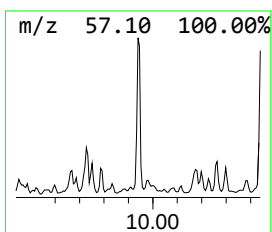
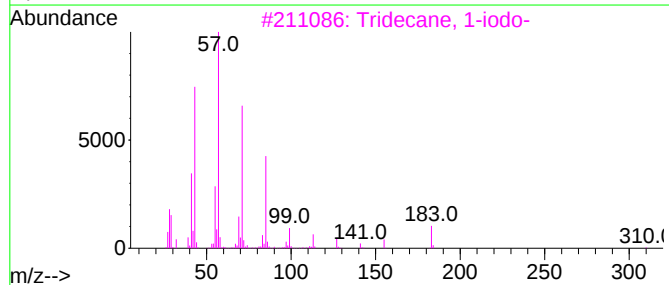
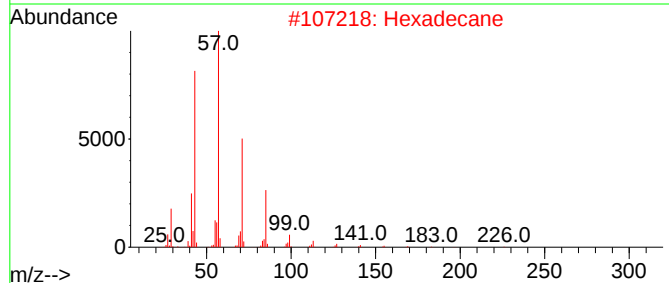
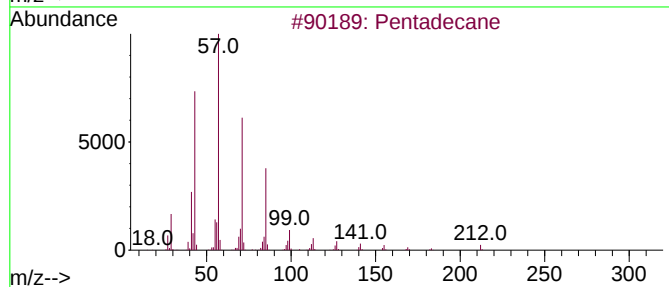
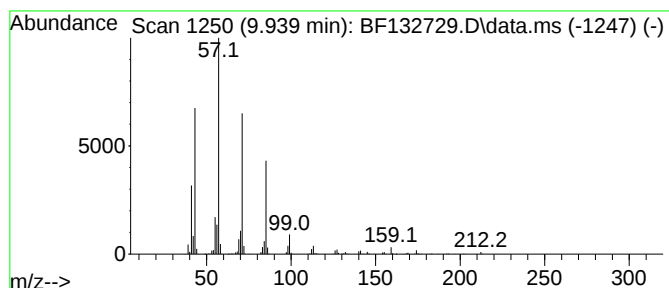
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.939	43.75 ng	3031060	Acenaphthene-d10	10.028

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	83
2		Hexadecane	226	C16H34	000544-76-3	80
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
4		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
Sample : 01847-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

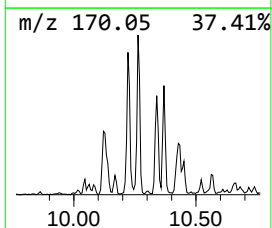
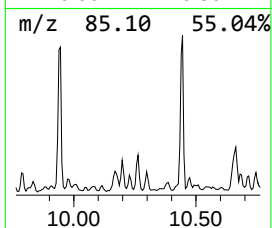
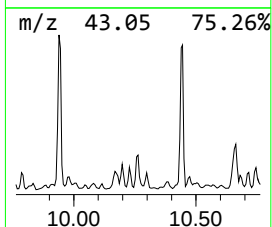
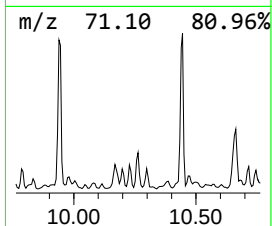
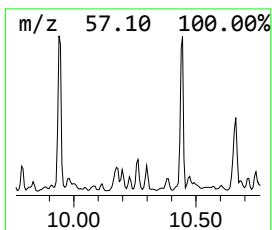
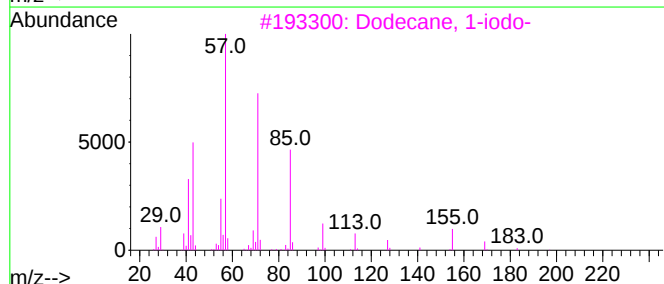
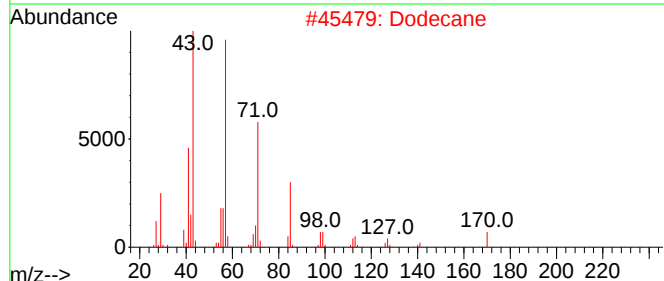
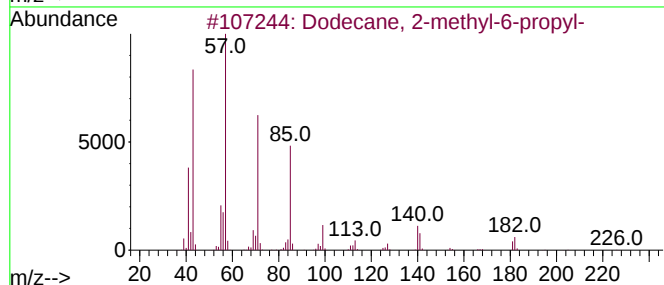
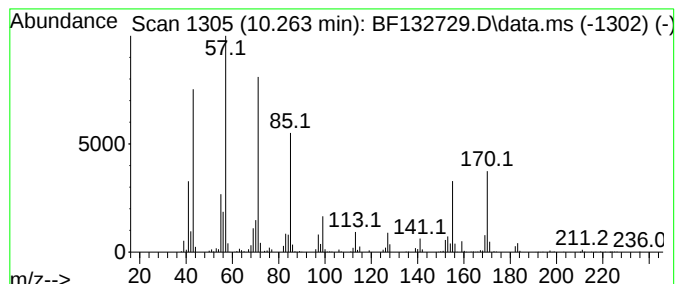
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TR-05-030823

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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, 2-methyl-6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.263	16.54 ng	1145730	Acenaphthene-d10	10.028	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76
2	Dodecane	170	C12H26	000112-40-3	74
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Octadecane	254	C18H38	000593-45-3	64
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
Sample : 01847-01 5X
Misc :
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Instrument :
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ClientSampleId :
TR-05-030823

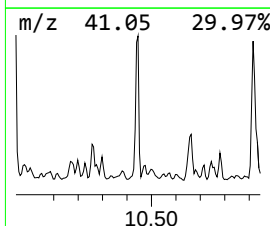
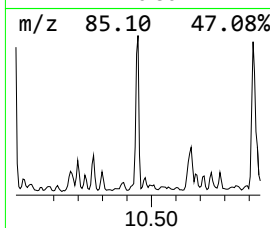
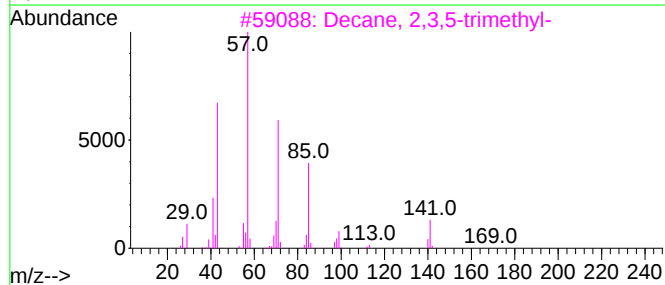
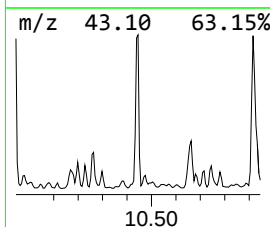
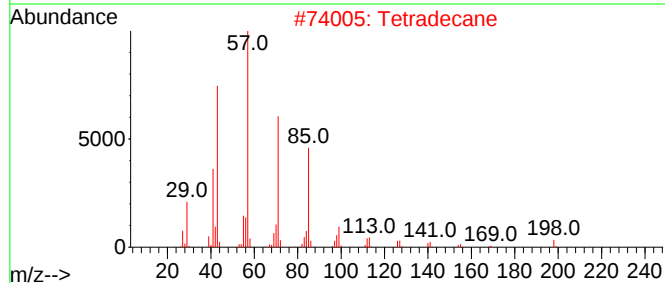
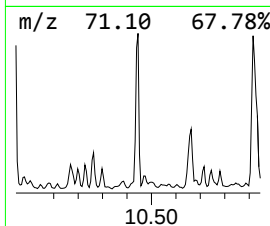
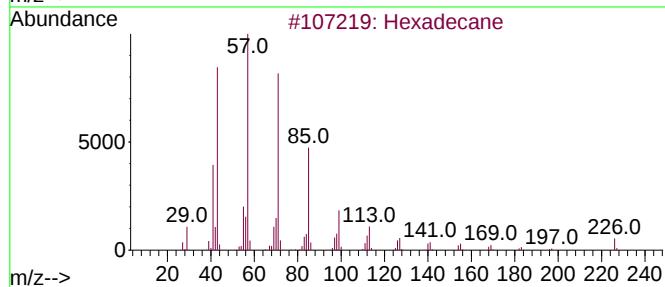
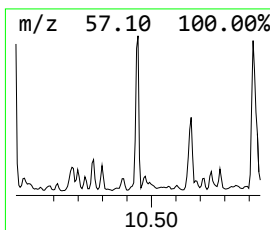
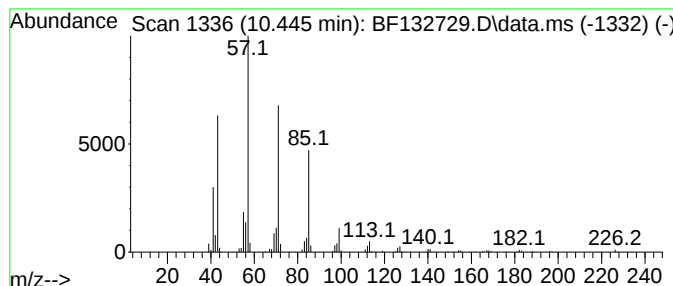
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	43.00 ng	2978820	Acenaphthene-d10	10.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Tetradecane	198	C14H30	000629-59-4	90
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
Sample : 01847-01 5X
Misc :
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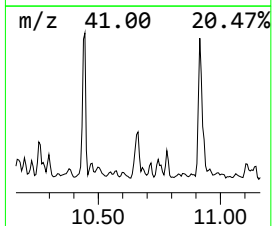
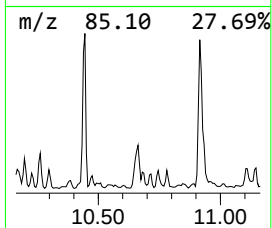
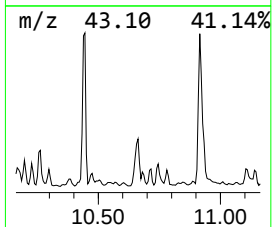
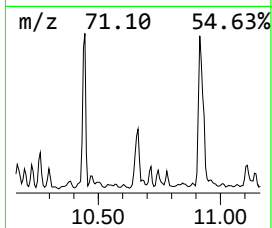
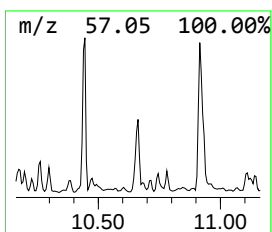
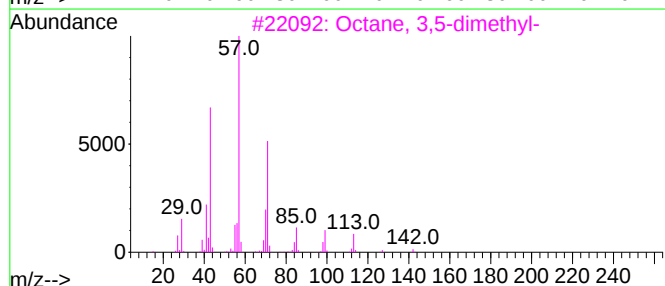
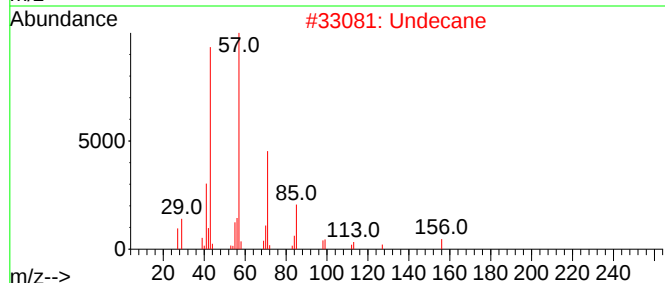
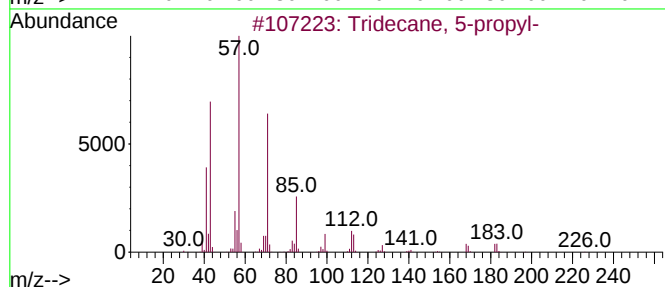
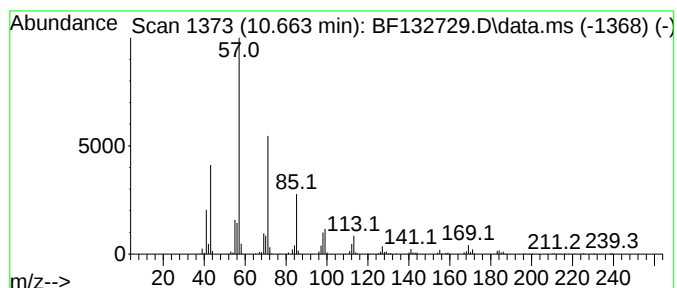
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 5-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.663	25.77 ng	1785660	Acenaphthene-d10		10.028	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-		226	C16H34	055045-11-9	93
2	Undecane		156	C11H24	001120-21-4	87
3	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	74
4	Tridecane		184	C13H28	000629-50-5	72
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
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Sample : 01847-01 5X
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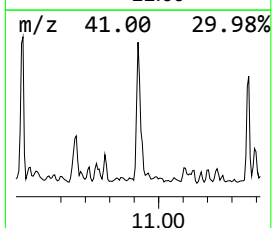
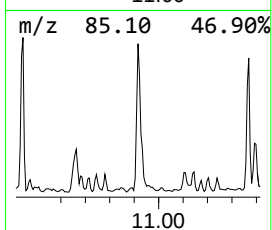
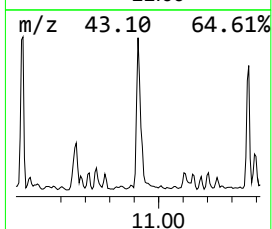
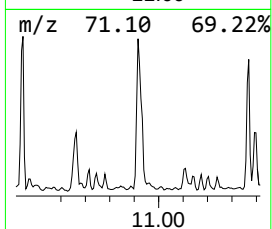
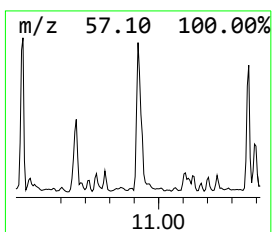
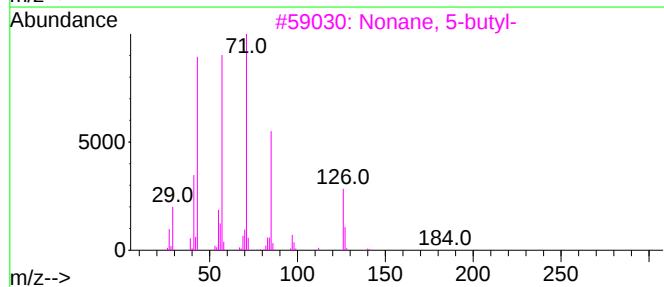
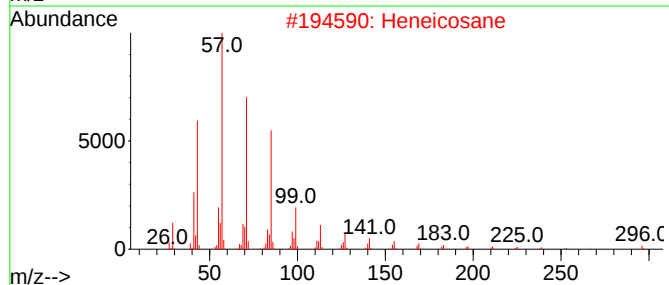
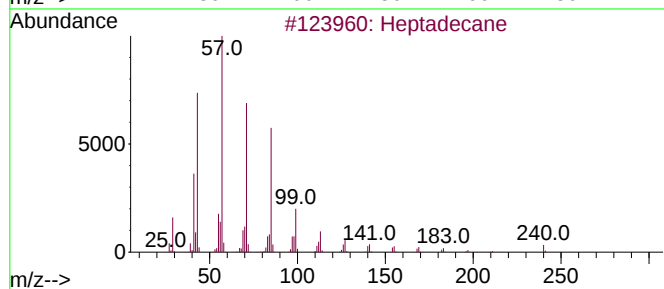
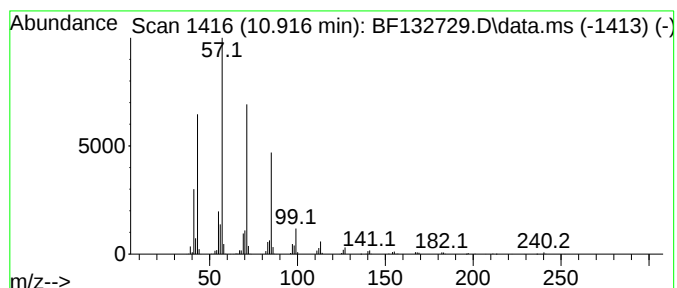
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.916	56.60 ng	3960590	Phenanthrene-d10	11.522	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	81
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
Sample : 01847-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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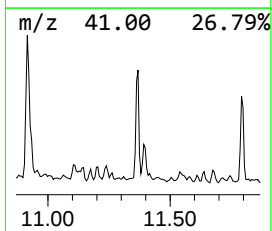
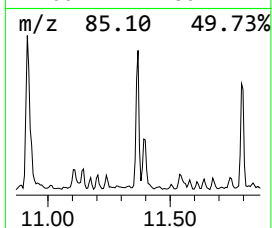
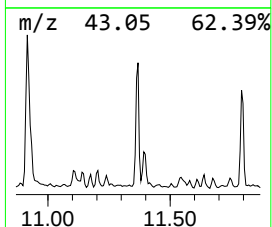
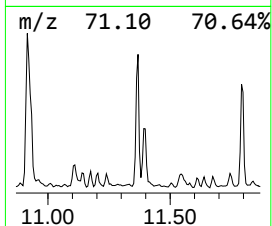
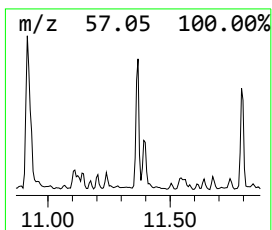
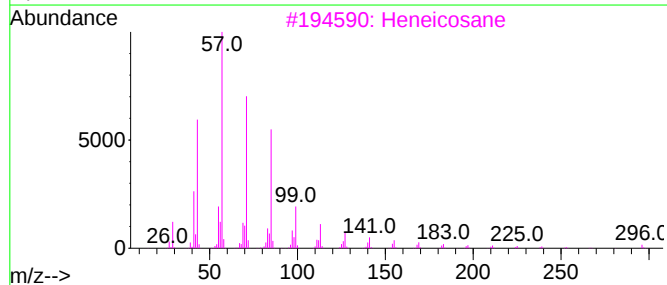
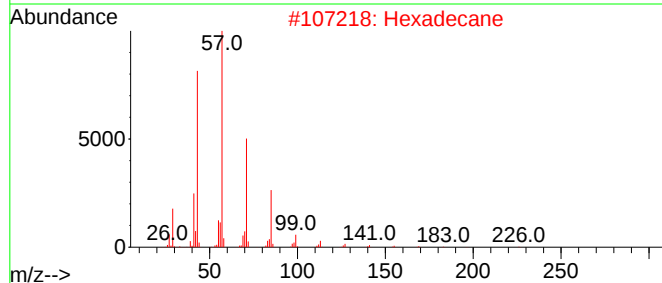
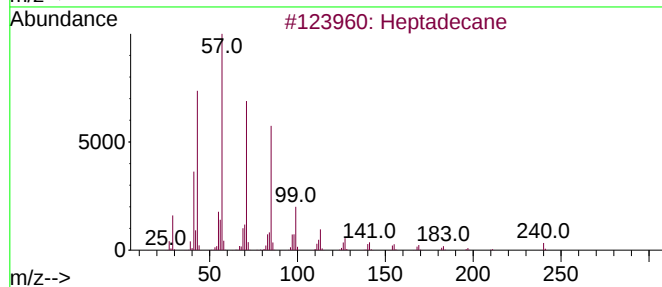
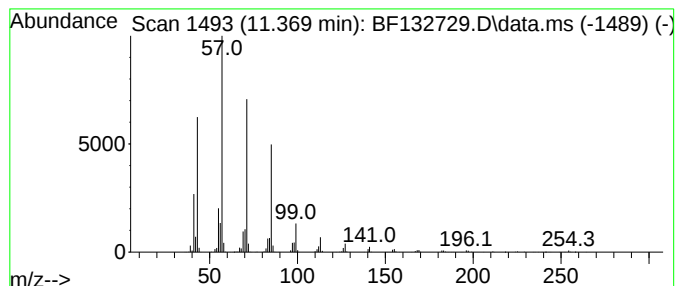
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.369	33.22 ng	2324580	Phenanthrene-d10	11.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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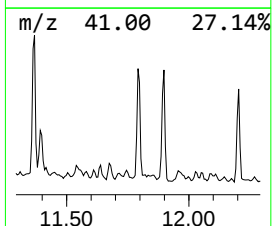
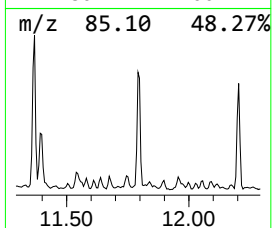
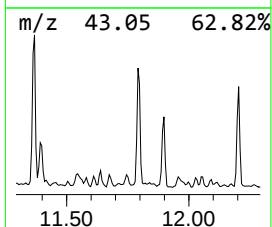
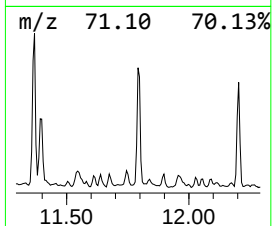
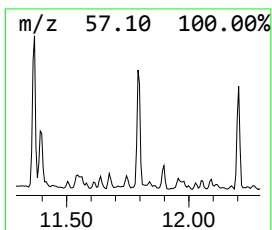
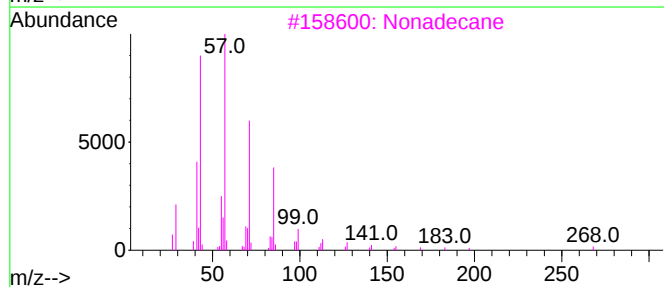
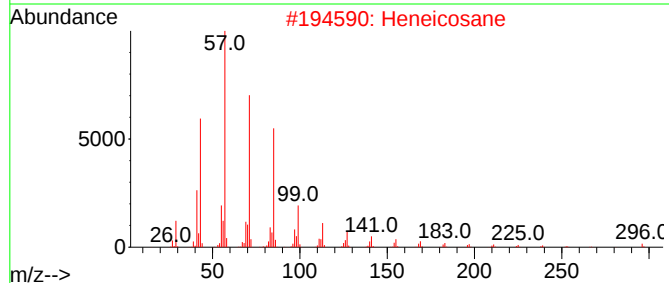
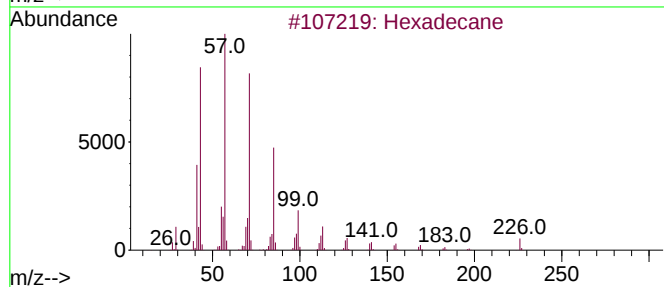
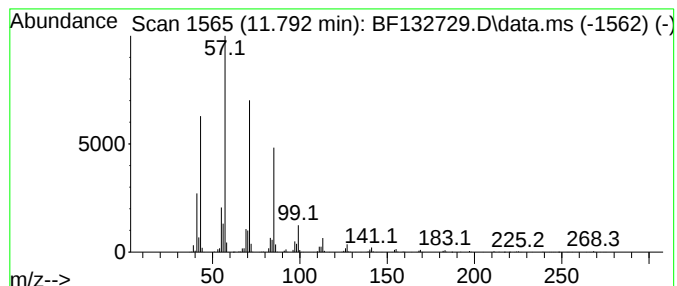
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	27.09 ng	1895270	Phenanthrene-d10	11.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
Sample : 01847-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

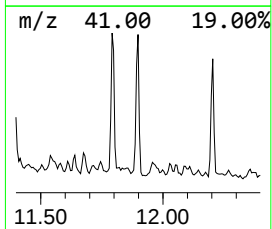
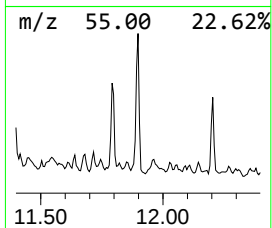
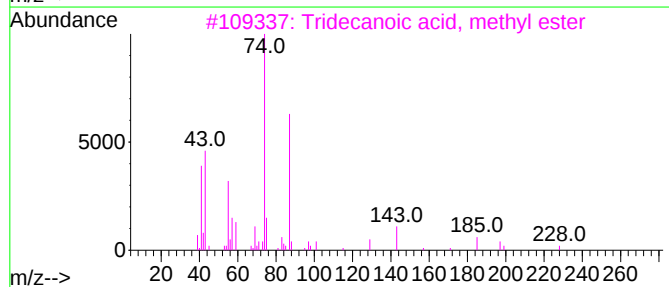
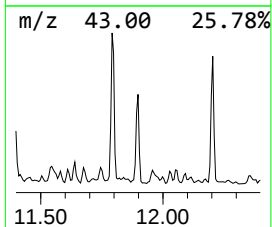
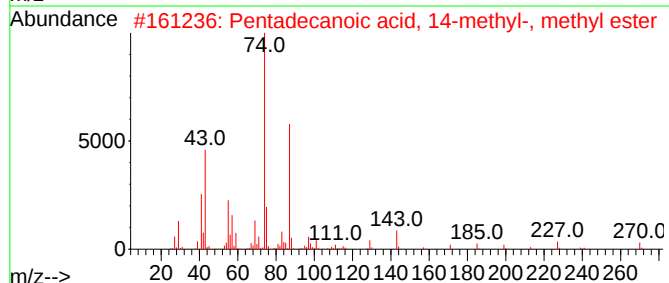
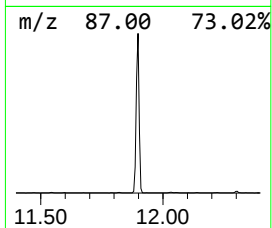
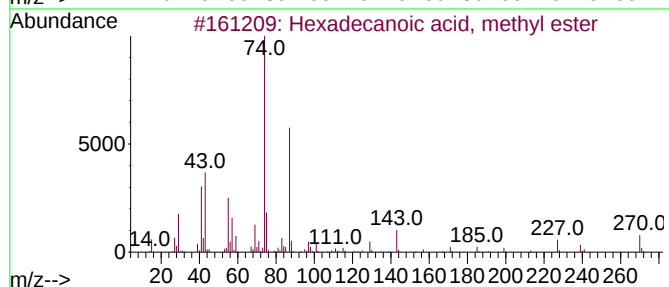
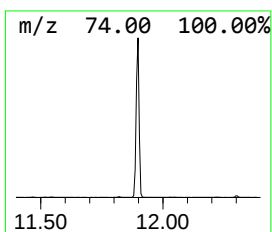
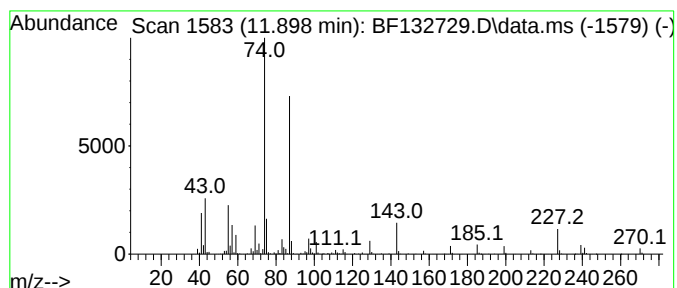
Instrument :
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ClientSampleId :
TR-05-030823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.898	37.05 ng	2592460	Phenanthrene-d10		11.522	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester		270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...		270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester		228	C14H28O2	001731-88-0	91
4	Pentadecanoic acid, methyl ester		256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 2-methyl-		270	C17H34O2	027147-71-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
Sample : 01847-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-030823

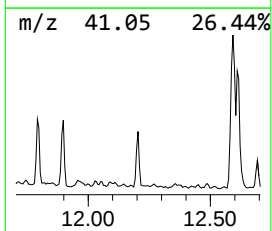
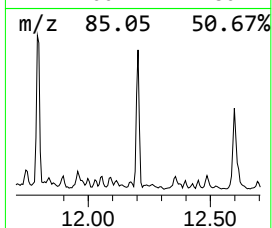
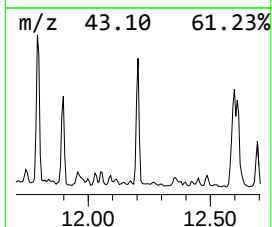
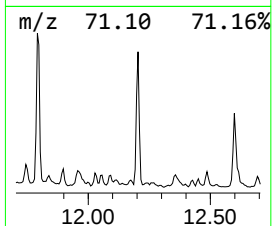
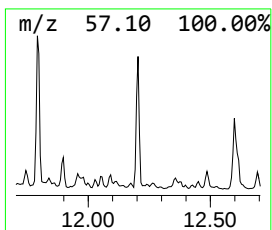
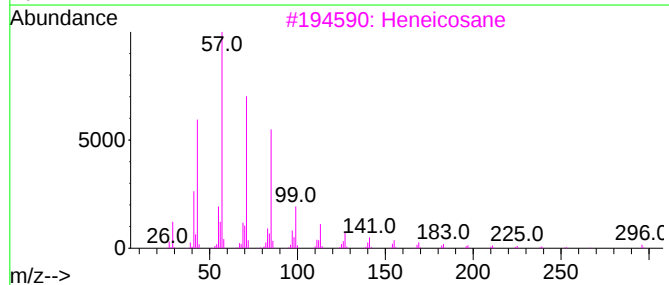
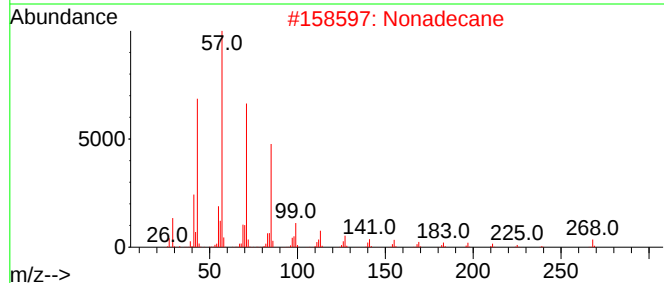
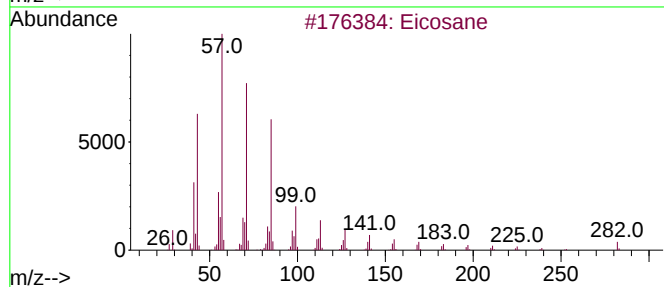
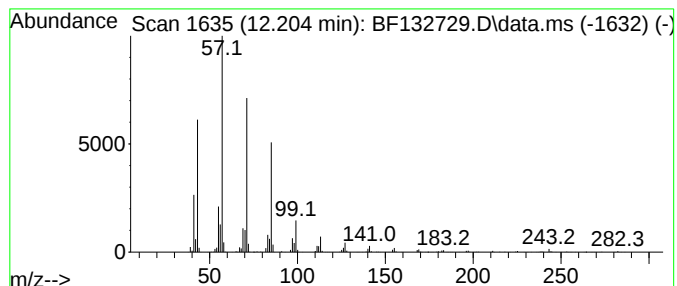
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	23.02 ng	1610940	Phenanthrene-d10	11.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
Sample : 01847-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-030823

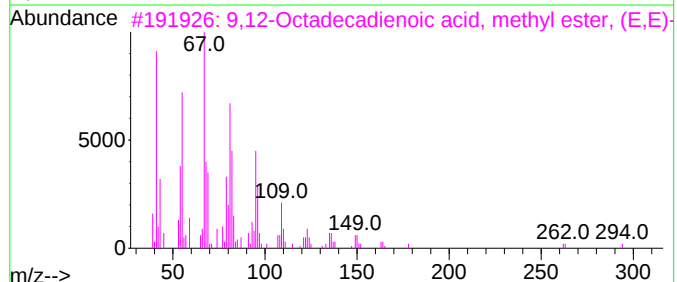
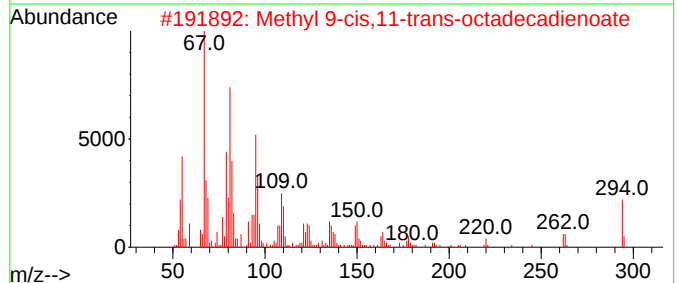
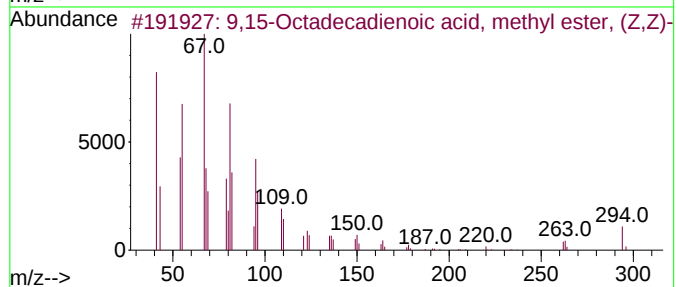
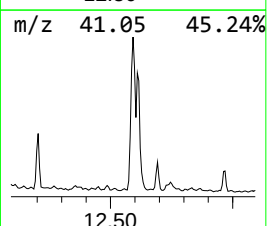
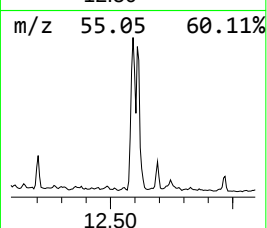
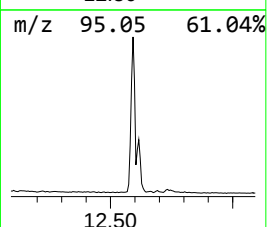
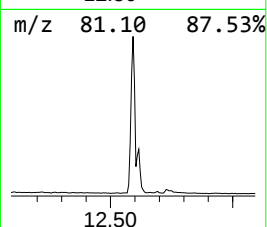
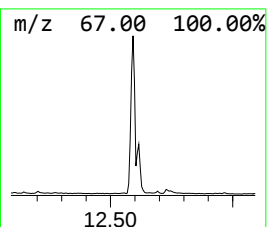
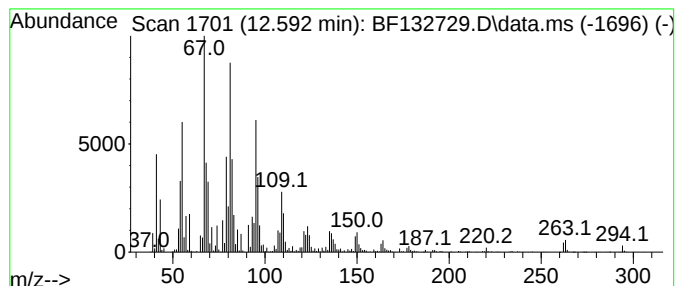
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,15-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	126.69 ng	8864740	Phenanthrene-d10	11.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	98
3			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
4			Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97
5			9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
Sample : 01847-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

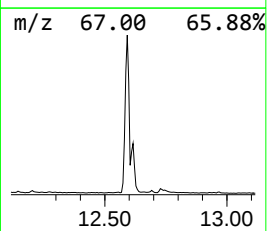
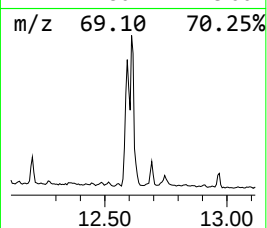
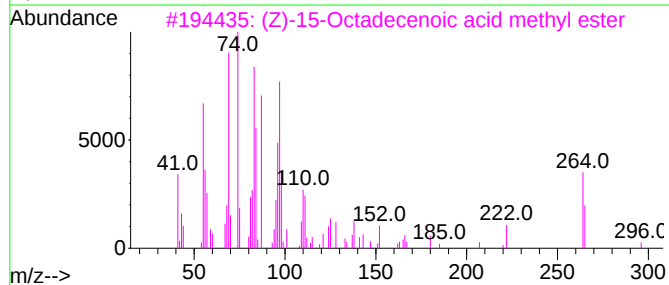
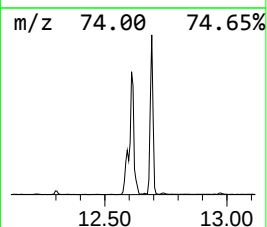
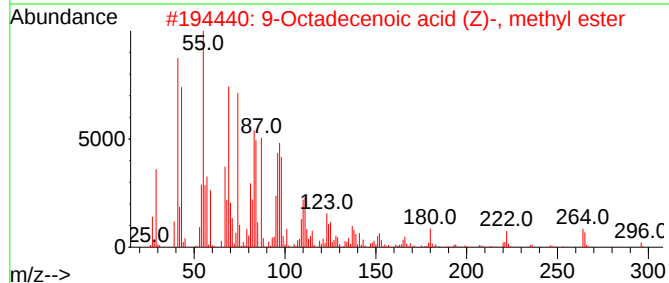
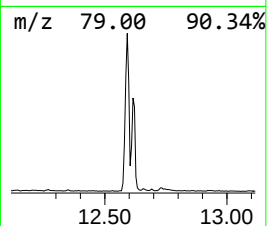
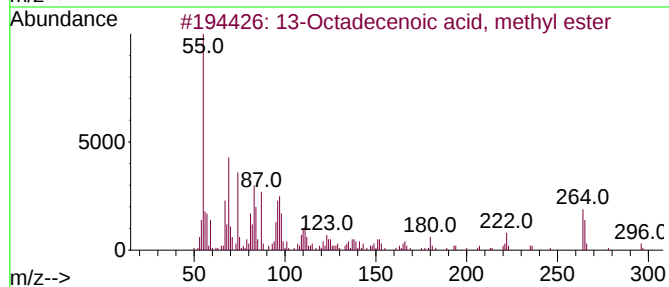
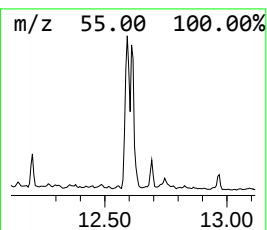
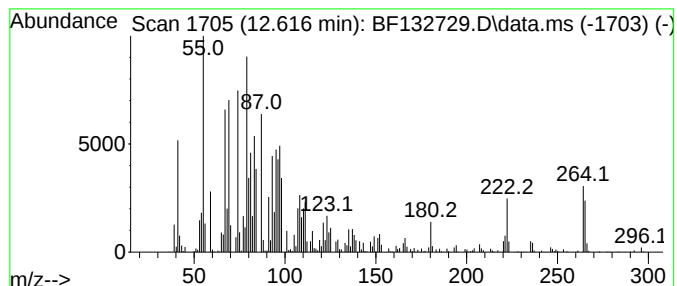
Instrument :
BNA_F
ClientSampleId :
TR-05-030823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.616	69.02 ng	4829450	Phenanthrene-d10	11.522	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	97
3	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	93
4	3-Octadecenoic acid, methyl ester	296	C19H36O2	056599-33-8	91
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132729.D
Acq On : 09 Mar 2023 21:11
Operator : CG\JU
Sample : 01847-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-030823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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
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Naphthalene, 1,...	8.769	18.6	ng	1631760	2	8.263	1751770	20.0
Tridecane	8.845	34.3	ng	3003360	2	8.263	1751770	20.0
Naphthalene, 1,...	9.086	17.7	ng	1547240	2	8.263	1751770	20.0
unknown9.204	9.204	16.6	ng	1151230	3	10.028	1385580	20.0
Dodecane, 2,7,1...	9.275	14.6	ng	1010320	3	10.028	1385580	20.0
Decane, 2,4,6-t...	9.410	44.8	ng	3103070	3	10.028	1385580	20.0
unknown9.663	9.663	15.8	ng	1092760	3	10.028	1385580	20.0
Carbonic acid, ...	9.727	19.6	ng	1354800	3	10.028	1385580	20.0
Pentadecane	9.939	43.8	ng	3031060	3	10.028	1385580	20.0
Dodecane, 2-met...	10.263	16.5	ng	1145730	3	10.028	1385580	20.0
Hexadecane	10.445	43.0	ng	2978820	3	10.028	1385580	20.0
Tridecane, 5-pr...	10.663	25.8	ng	1785660	3	10.028	1385580	20.0
Heptadecane	10.916	56.6	ng	3960590	4	11.522	1399450	20.0
Heneicosane	11.369	33.2	ng	2324580	4	11.522	1399450	20.0
Nonadecane	11.792	27.1	ng	1895270	4	11.522	1399450	20.0
Hexadecanoic ac...	11.898	37.0	ng	2592460	4	11.522	1399450	20.0
Eicosane	12.204	23.0	ng	1610940	4	11.522	1399450	20.0
9,15-Octadecadi...	12.592	126.7	ng	8864740	4	11.522	1399450	20.0
13-Octadecenoic...	12.616	69.0	ng	4829450	4	11.522	1399450	20.0