

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
 Data File : BF130653.D
 Acq On : 13 Oct 2022 18:27
 Operator : CG\JU
 Sample : N4911-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LEE-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130653.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.769	451	456	468	rVB	397855	632289	7.21%	0.414%
2	5.198	524	529	535	rBV	2354354	2523906	28.77%	1.653%
3	5.592	587	596	600	rBV3	54429	99941	1.14%	0.065%
4	5.822	632	635	638	rBV	157962	172920	1.97%	0.113%
5	5.881	642	645	647	rBV	111951	99700	1.14%	0.065%
6	6.016	663	668	671	rBV3	94131	129788	1.48%	0.085%
7	6.104	681	683	687	rBV2	160569	179994	2.05%	0.118%
8	6.175	692	695	699	rBV3	103991	118920	1.36%	0.078%
9	6.239	701	706	710	rBV	2329974	2553061	29.11%	1.672%
10	6.328	716	721	724	rBV4	140500	262918	3.00%	0.172%
11	6.428	733	738	743	rBV2	507846	538004	6.13%	0.352%
12	6.528	750	755	756	rBV3	87667	117789	1.34%	0.077%
13	6.586	761	765	767	rBV	625079	706587	8.06%	0.463%
14	6.645	772	775	778	rBV	210830	232111	2.65%	0.152%
15	6.681	778	781	784	rBV5	102731	132114	1.51%	0.087%
16	6.710	784	786	788	rBV	120526	97189	1.11%	0.064%
17	6.739	788	791	794	rVB2	263556	303569	3.46%	0.199%
18	6.769	794	796	799	rVB	179718	176122	2.01%	0.115%
19	6.804	799	802	803	rBV2	107395	129891	1.48%	0.085%
20	6.828	803	806	807	rBV3	98309	108203	1.23%	0.071%
21	6.851	807	810	812	rBV4	333244	408009	4.65%	0.267%
22	6.904	816	819	822	rBV2	354456	392402	4.47%	0.257%
23	6.939	822	825	829	rBV2	366476	393342	4.48%	0.258%
24	6.981	829	832	835	rBV2	780991	895161	10.21%	0.586%
25	7.010	835	837	840	rVB2	160902	159194	1.81%	0.104%
26	7.063	843	846	848	rBV3	179491	234201	2.67%	0.153%
27	7.133	851	858	859	rBV5	403789	727082	8.29%	0.476%
28	7.163	859	863	865	rBV	1452279	1345159	15.34%	0.881%
29	7.204	865	870	872	rVB	2197123	2347440	26.76%	1.537%
30	7.245	872	877	880	rVB5	752518	1215254	13.85%	0.796%
31	7.286	880	884	885	rBV3	414855	495104	5.64%	0.324%
32	7.310	885	888	891	rVB2	827777	895833	10.21%	0.587%
33	7.345	891	894	898	rBV4	340157	513756	5.86%	0.336%
34	7.398	898	903	907	rVB2	1373295	2028713	23.13%	1.328%
35	7.439	907	910	911	rBV	418831	397739	4.53%	0.260%
36	7.486	915	918	919	rBV3	643441	610442	6.96%	0.400%

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Integrator: RTE

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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-BF101122.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.510	919	922	925	rBV3	865520	843542	9.62%	0.552%
38	7.569	929	932	935	rBV2	661292	822826	9.38%	0.539%
39	7.604	935	938	942	rBV3	994950	1241430	14.15%	0.813%
40	7.645	942	945	949	rVB3	1557839	1699863	19.38%	1.113%
41	7.686	949	952	954	rBV2	1383817	1386371	15.81%	0.908%
42	7.751	960	963	965	rBV2	723435	1012106	11.54%	0.663%
43	7.839	973	978	980	rBV4	1216110	1840876	20.99%	1.205%
44	7.886	980	986	988	rVV3	5168188	7471135	85.17%	4.892%
45	7.916	988	991	992	rVV2	770880	842574	9.61%	0.552%
46	7.963	996	999	1001	rVV	2466050	2040950	23.27%	1.336%
47	8.010	1005	1007	1010	rVB3	763196	640766	7.30%	0.420%
48	8.057	1010	1015	1017	rBV3	1468650	2307817	26.31%	1.511%
49	8.092	1019	1021	1025	rVB2	1823180	1806030	20.59%	1.183%
50	8.128	1025	1027	1029	rBV3	752270	741178	8.45%	0.485%
51	8.180	1031	1036	1038	rBV5	1473760	2351628	26.81%	1.540%
52	8.245	1044	1047	1049	rBV3	1863881	1760227	20.07%	1.153%
53	8.280	1049	1053	1055	rVB3	1931545	2046972	23.34%	1.340%
54	8.328	1057	1061	1069	rVB4	5020597	6290260	71.71%	4.119%
55	8.398	1069	1073	1075	rBV3	1509608	1639789	18.69%	1.074%
56	8.433	1075	1079	1081	rBV4	1598903	1872125	21.34%	1.226%
57	8.504	1085	1091	1094	rBV	5616757	7596943	86.61%	4.975%
58	8.633	1111	1113	1115	rBV2	752741	703190	8.02%	0.460%
59	8.722	1125	1128	1131	rVB2	1658004	1765016	20.12%	1.156%
60	8.775	1135	1137	1139	rBV3	1439779	1420870	16.20%	0.930%
61	8.833	1144	1147	1150	rVV4	1216971	1525300	17.39%	0.999%
62	8.863	1150	1152	1154	rVV2	1576728	1470394	16.76%	0.963%
63	8.904	1157	1159	1161	rVV3	1558992	1587253	18.10%	1.039%
64	8.933	1161	1164	1166	rVV2	4329324	3827893	43.64%	2.507%
65	8.969	1166	1170	1172	rVV	2346314	2042903	23.29%	1.338%
66	9.051	1180	1184	1185	rBV2	4006506	4815847	54.90%	3.154%
67	9.075	1186	1188	1190	rVB	4615571	4170855	47.55%	2.731%
68	9.110	1192	1194	1195	rBV	1004075	859116	9.79%	0.563%
69	9.357	1234	1236	1238	rBV	1508954	1343881	15.32%	0.880%
70	9.392	1238	1242	1243	rVV2	2777026	3206688	36.56%	2.100%
71	9.410	1243	1245	1248	rVB3	1984696	1486322	16.94%	0.973%
72	9.469	1253	1255	1257	rVB2	1659909	1213926	13.84%	0.795%
73	9.563	1269	1271	1274	rVB2	2083980	1796050	20.48%	1.176%
74	9.604	1274	1278	1280	rBV	4869845	5438160	62.00%	3.561%
75	9.633	1280	1283	1289	rVB5	2386590	3869325	44.11%	2.534%
76	9.916	1329	1331	1335	rVB4	2019247	1828594	20.85%	1.197%

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 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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
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77	9.969	1338	1340	1341	rBV	1053657	891773	10.17%	0.584%
78	10.057	1353	1355	1357	rBV	1055617	927748	10.58%	0.608%
79	10.098	1359	1362	1365	rVB	3833212	3837202	43.75%	2.513%
80	10.310	1395	1398	1403	rVB	3083951	3526073	40.20%	2.309%
81	10.392	1410	1412	1415	rBV3	1054383	1104236	12.59%	0.723%
82	10.439	1415	1420	1423	rVV4	1647217	2638169	30.08%	1.728%
83	10.586	1438	1445	1449	rVB3	4445858	8771629	100.00%	5.744%
84	11.010	1514	1517	1519	rBV	2613562	2687963	30.64%	1.760%
85	11.039	1519	1522	1529	rVB	3492204	3667781	41.81%	2.402%
86	11.427	1585	1588	1591	rVB	2081656	1843666	21.02%	1.207%
87	11.827	1653	1656	1658	rBV	1577458	1260380	14.37%	0.825%
88	12.210	1718	1721	1723	rVB	1198214	1064322	12.13%	0.697%
89	12.574	1780	1783	1786	rVB	1005581	887380	10.12%	0.581%
90	12.698	1800	1804	1813	rVB	2439440	2551888	29.09%	1.671%
91	12.921	1840	1842	1847	rVB	435240	449396	5.12%	0.294%
92	13.263	1898	1900	1904	rVB	299600	245976	2.80%	0.161%
93	13.586	1953	1955	1959	rVB	190750	173703	1.98%	0.114%
94	13.733	1977	1980	1988	rVB	613214	579233	6.60%	0.379%
95	15.104	2209	2213	2220	rVB	531290	600519	6.85%	0.393%

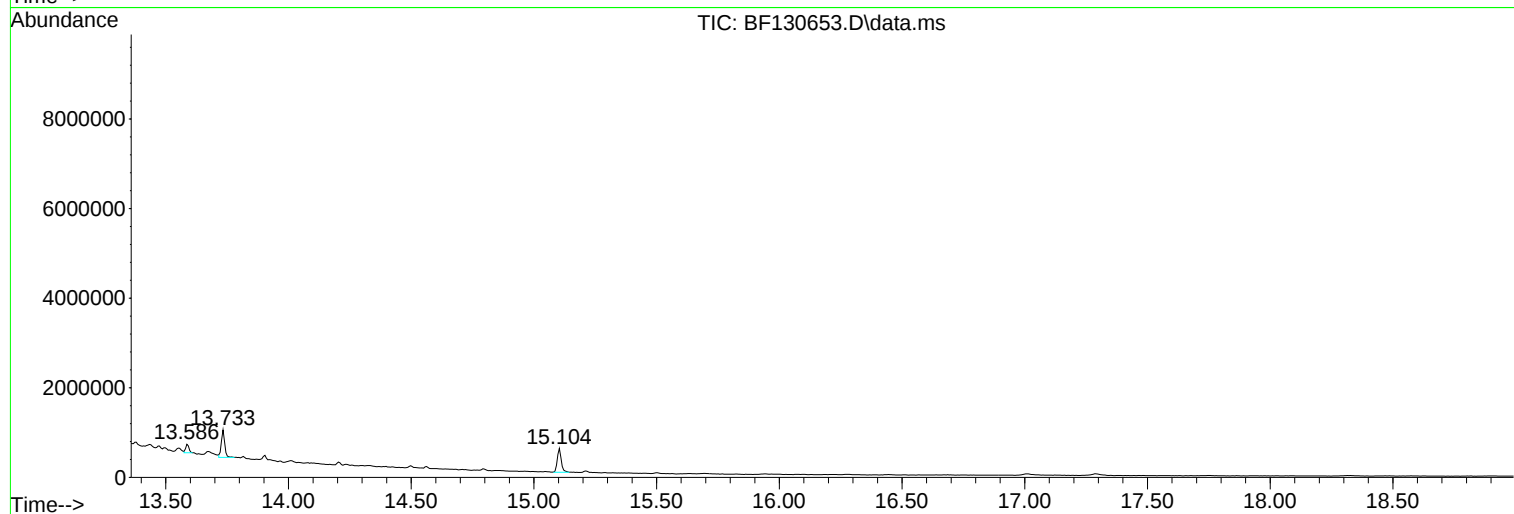
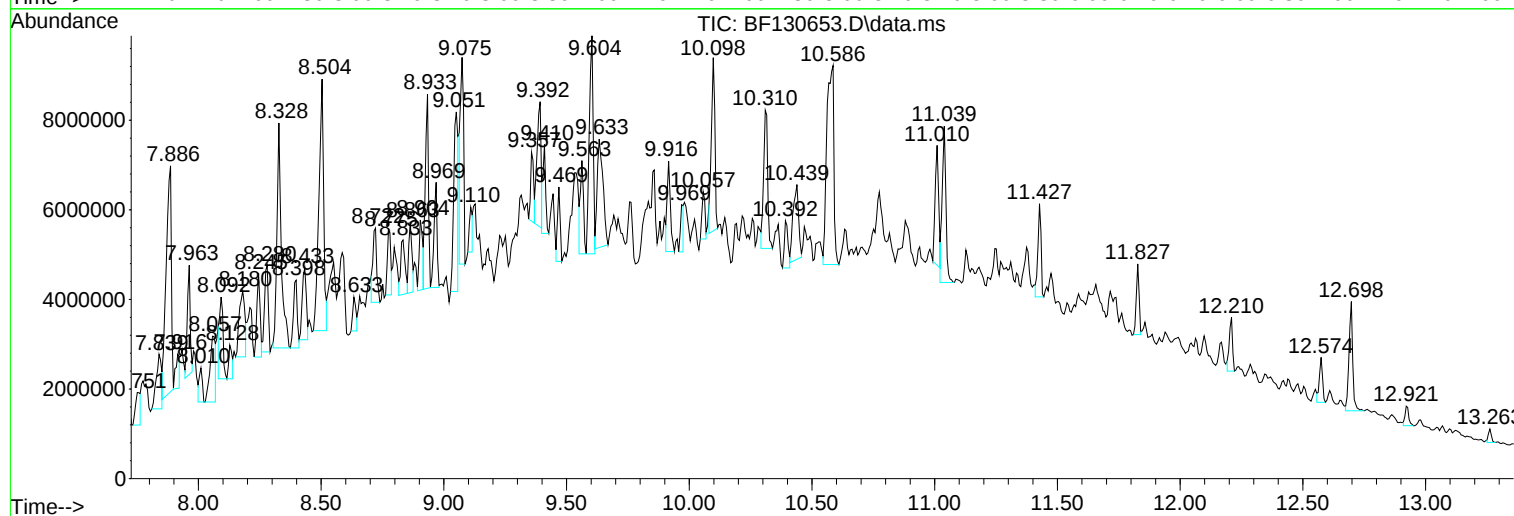
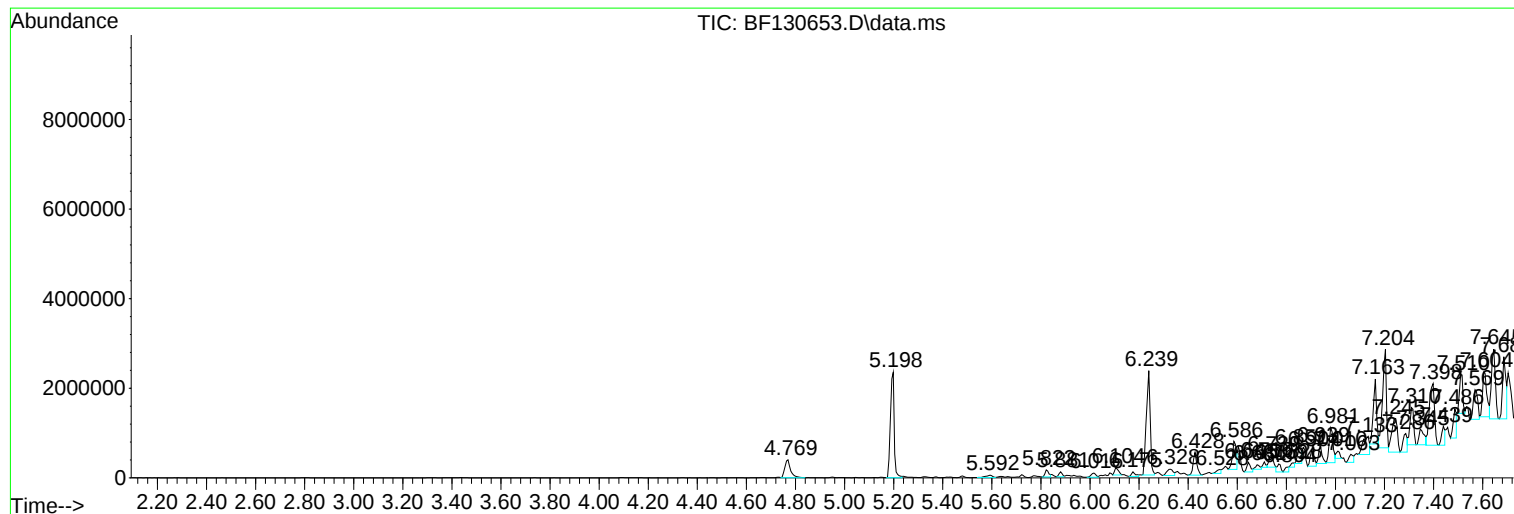
Sum of corrected areas: 152709875

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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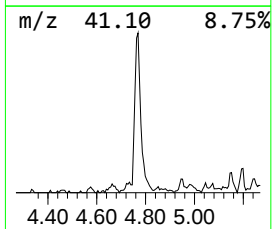
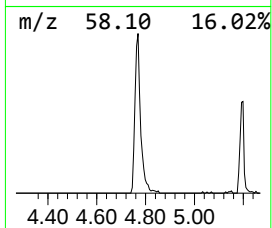
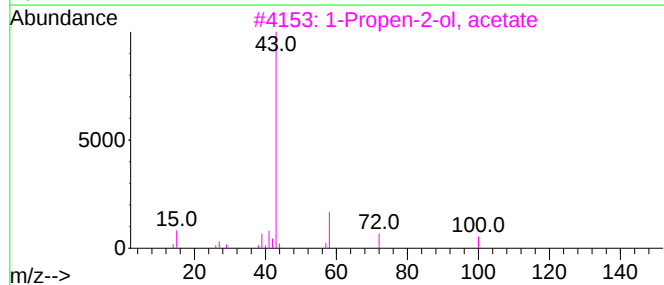
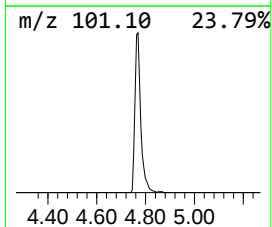
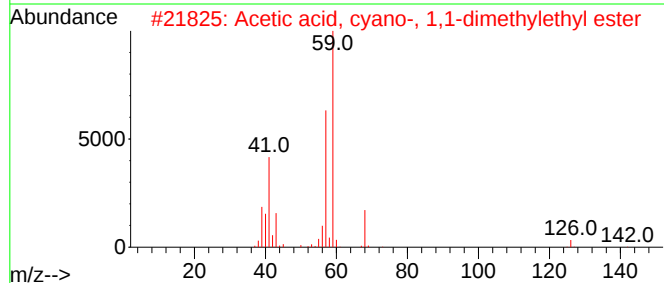
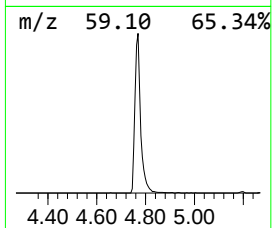
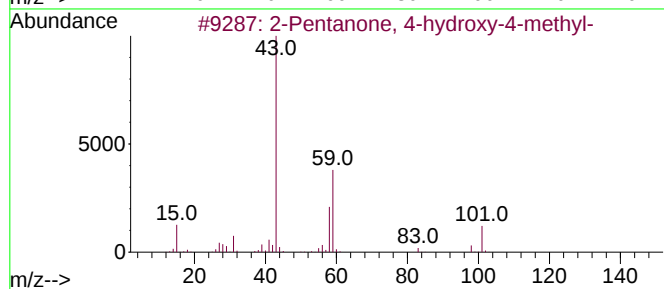
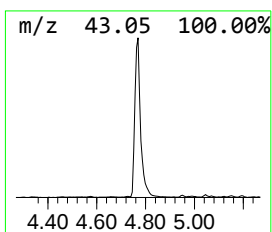
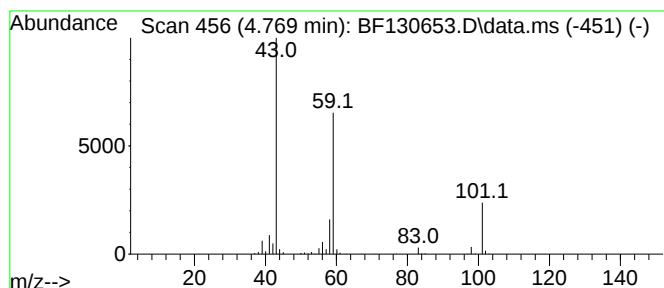
Instrument :
BNA_F
ClientSampleId :
LEE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.769	17.90 ng	632289	1,4-Dichlorobenzene-d4	6.586	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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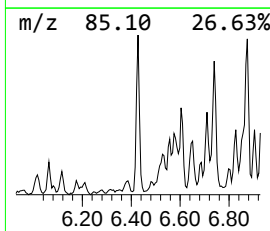
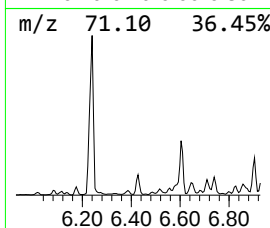
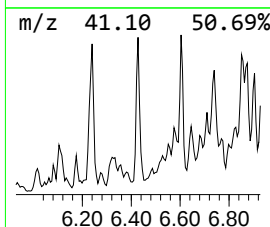
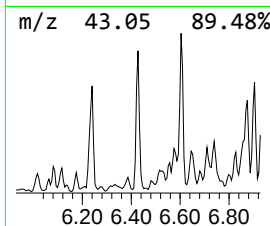
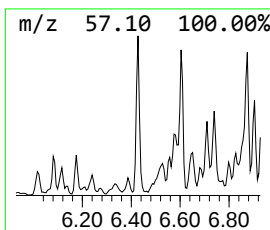
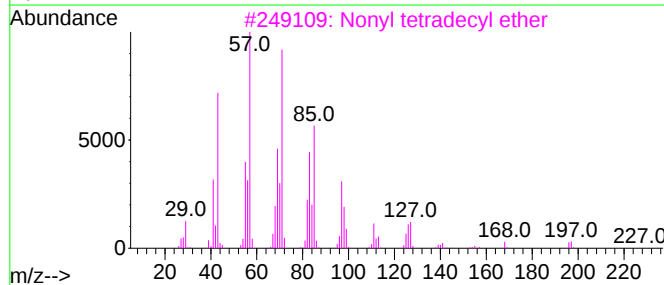
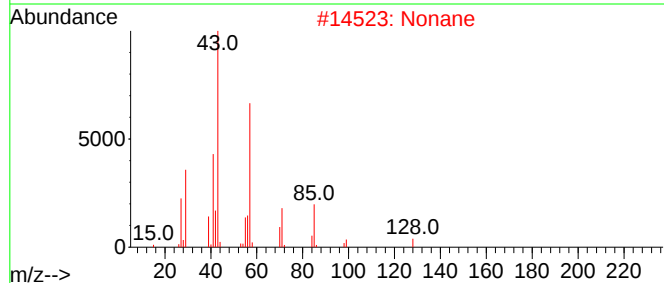
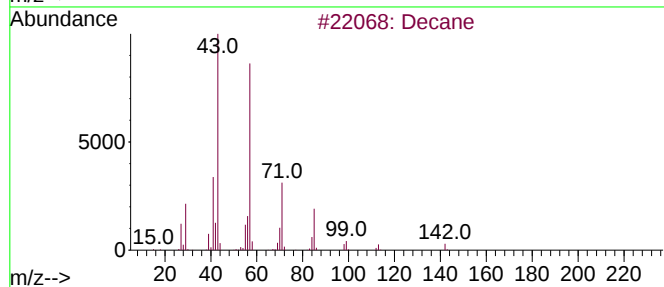
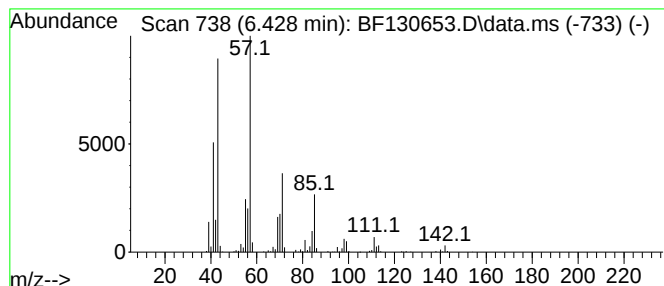
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.428	15.23 ng	538004	1,4-Dichlorobenzene-d4	6.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	87
2			Nonane	128	C9H20	000111-84-2	80
3			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	64
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59



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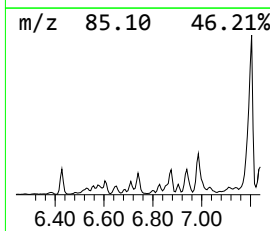
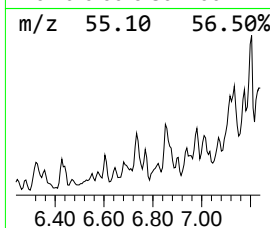
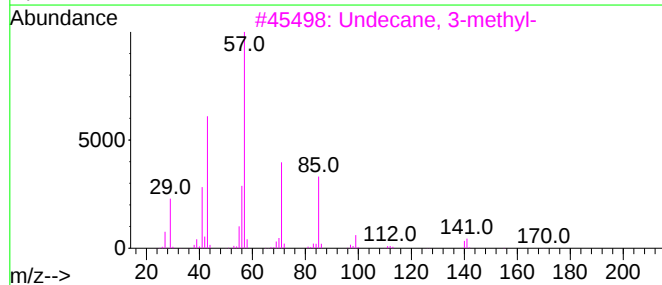
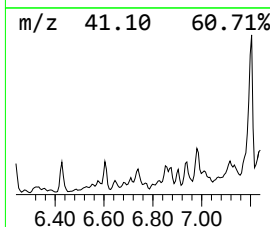
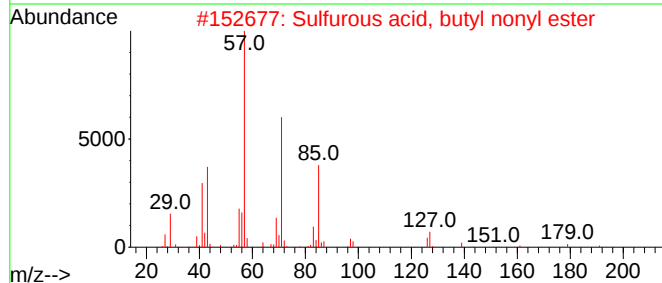
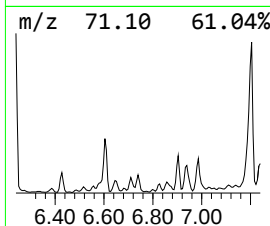
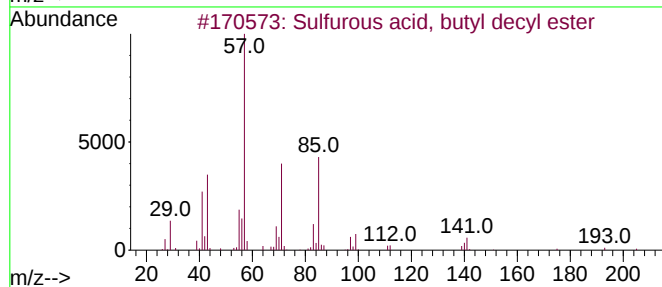
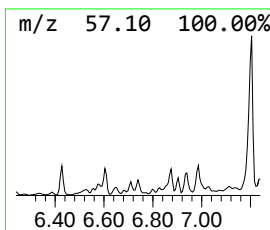
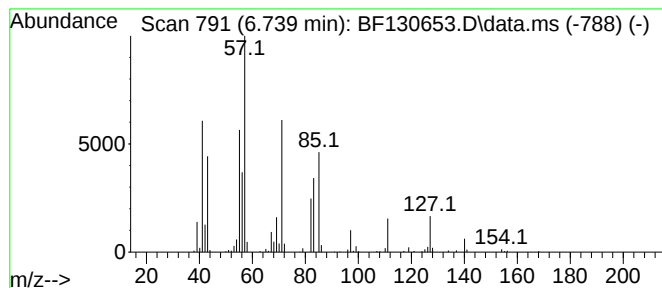
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Sulfurous acid, butyl decyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.739	8.59 ng	303569	1,4-Dichlorobenzene-d4	6.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	53
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	50
4			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	50
5			Decane, 3-methyl-	156	C11H24	013151-34-3	50



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Data File : BF130653.D
Acq On : 13 Oct 2022 18:27
Operator : CG\JU
Sample : N4911-01
Misc :
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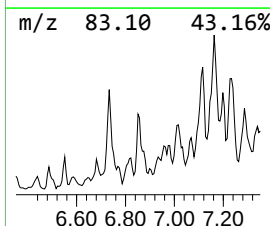
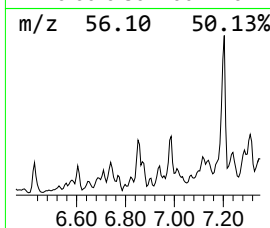
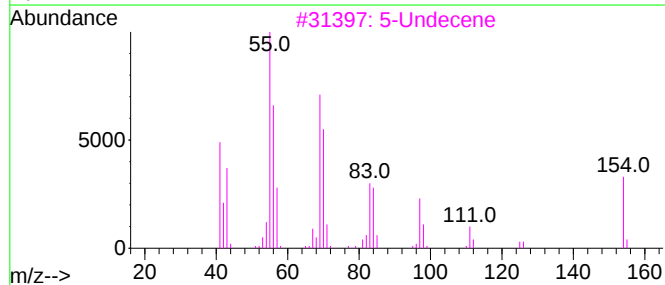
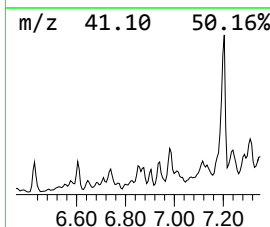
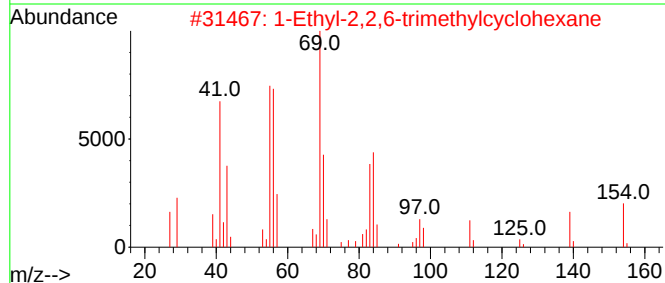
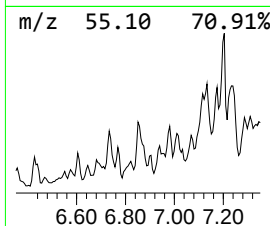
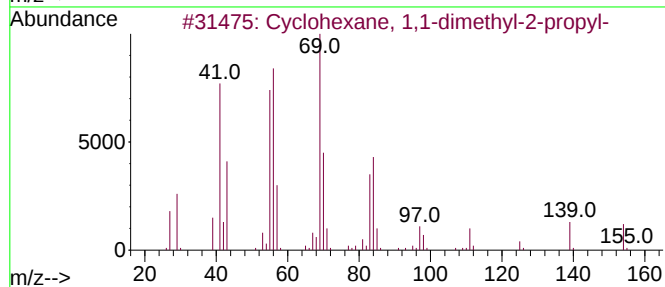
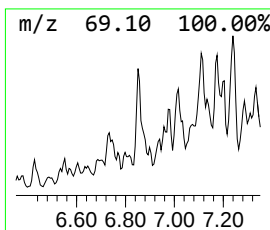
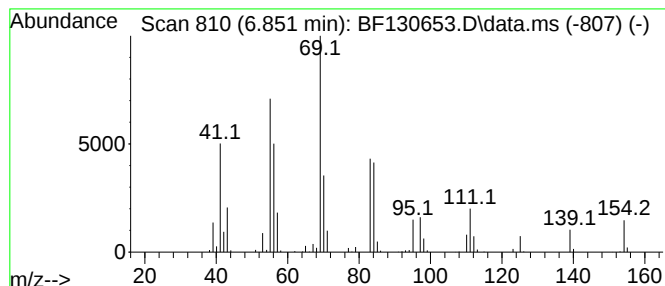
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 1,1-dimethyl-2... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.851	11.55 ng	408009	1,4-Dichlorobenzene-d4	6.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	81
2			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	74
3			5-Undecene	154	C11H22	004941-53-1	68
4			Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	58
5			Cyclopentane, hexyl-	154	C11H22	004457-00-5	53



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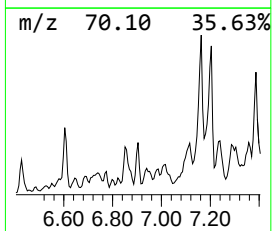
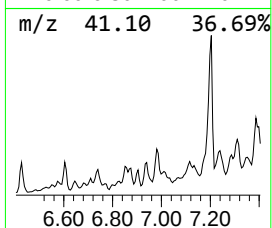
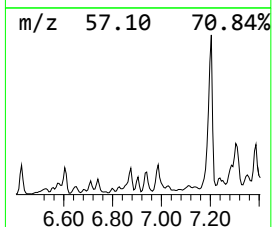
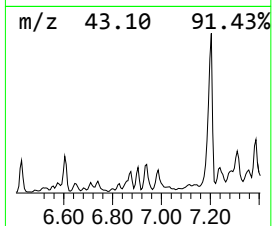
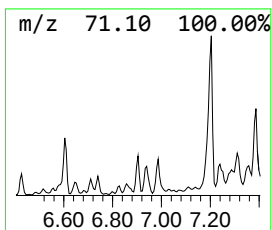
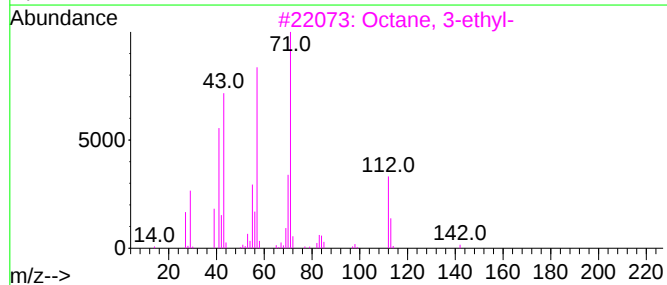
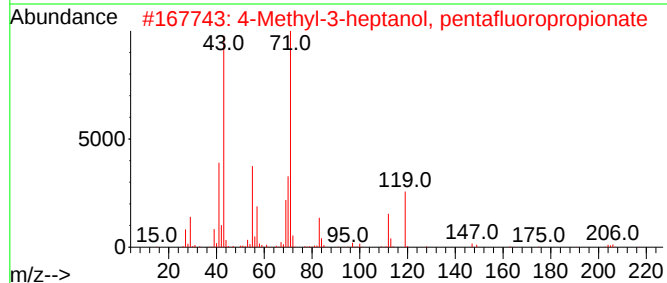
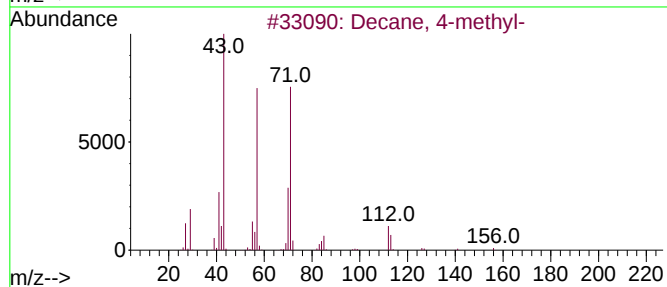
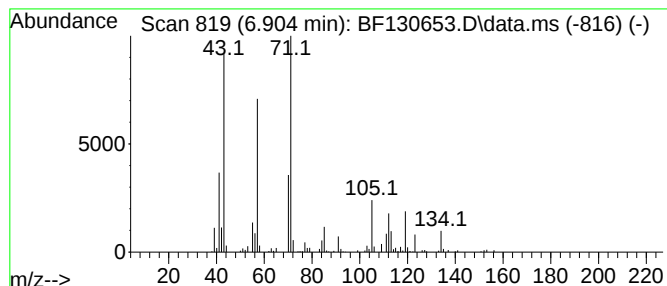
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.904	11.11 ng	392402	1,4-Dichlorobenzene-d4	6.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	70
2			4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	53
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	53
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	50
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50



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ALS Vial : 13 Sample Multiplier: 1

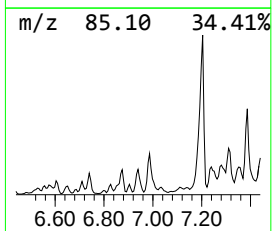
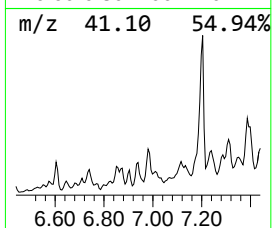
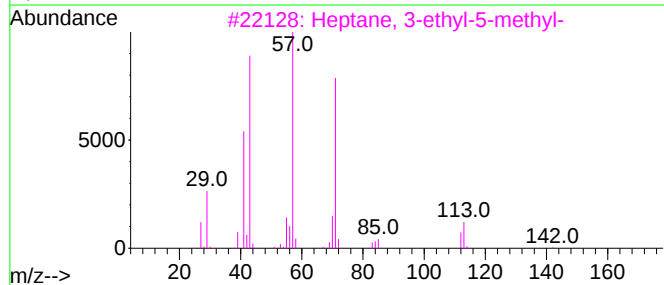
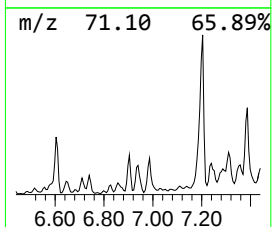
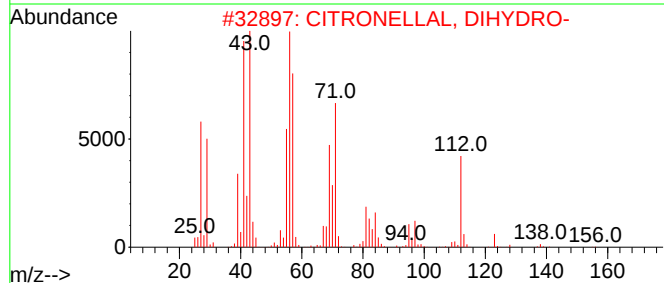
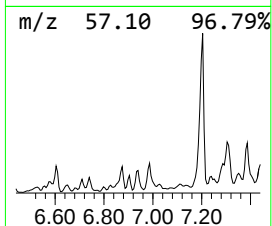
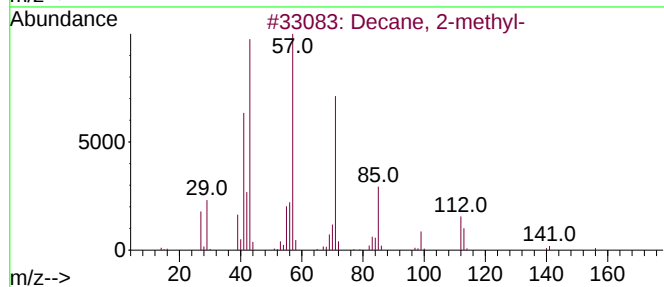
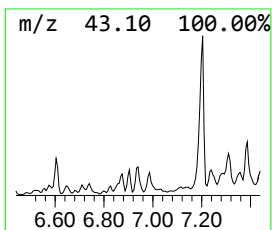
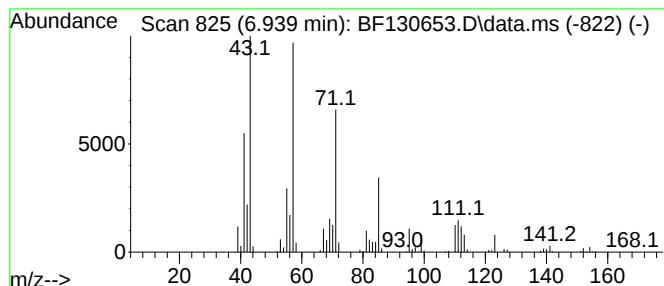
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
6.939	11.13 ng	393342	1,4-Dichlorobenzene-d4			6.586
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-		156	C11H24	006975-98-0	64
2	CITRONELLAL, DIHYDRO-		156	C10H20O	005988-91-0	58
3	Heptane, 3-ethyl-5-methyl-		142	C10H22	052896-90-9	55
4	Tridecane		184	C13H28	000629-50-5	47
5	Dodecane, 4-methyl-		184	C13H28	006117-97-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130653.D
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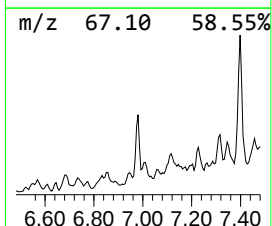
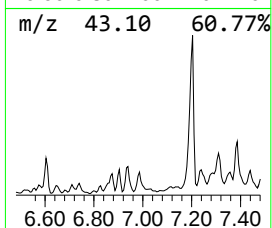
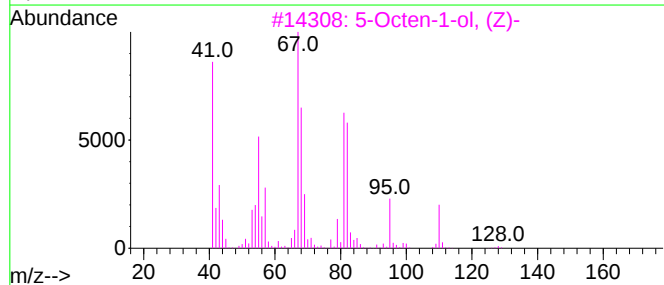
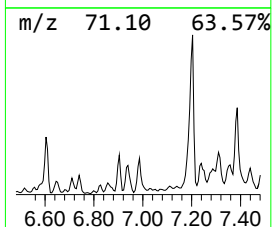
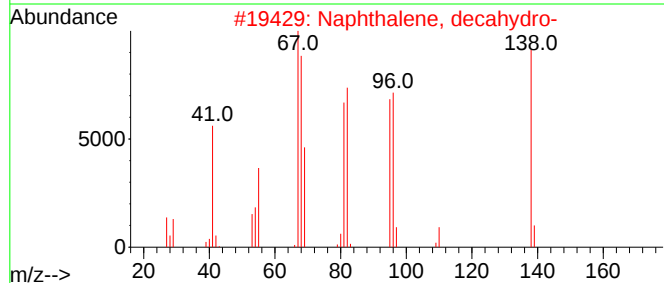
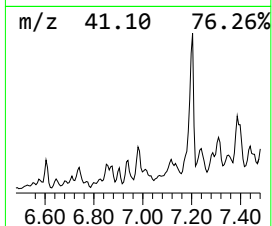
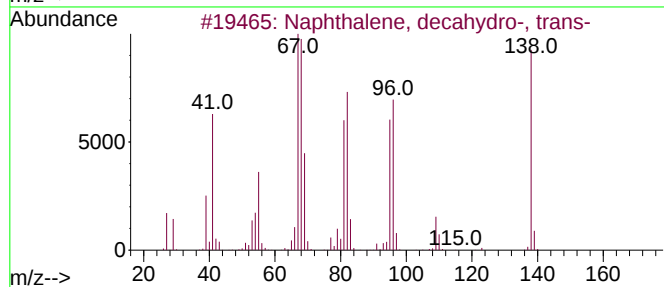
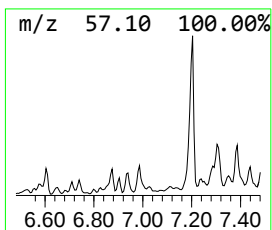
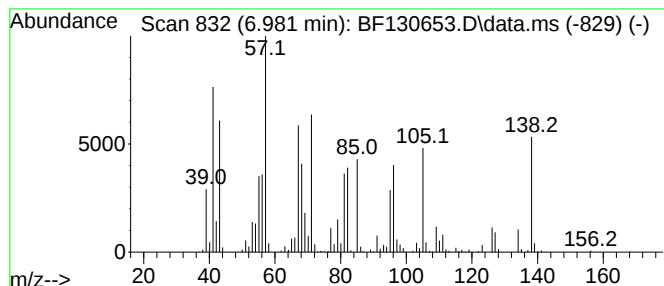
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.981	25.34 ng	895161	1,4-Dichlorobenzene-d4	6.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3			5-Octen-1-ol, (Z)-	128	C8H16O	064275-73-6	42
4			Cyclopentanone, 2-(2-methylpropy...	138	C9H14O	016856-72-7	41
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	38



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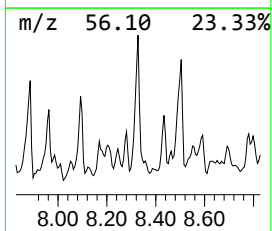
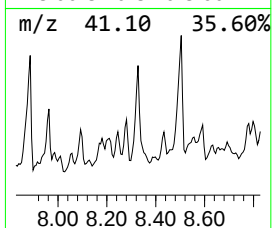
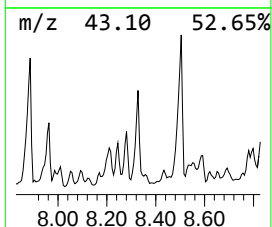
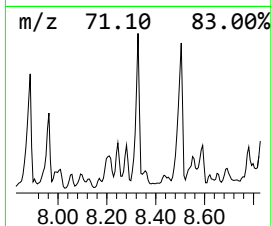
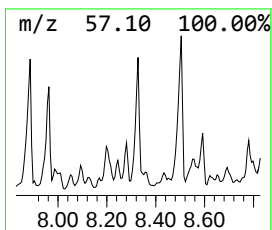
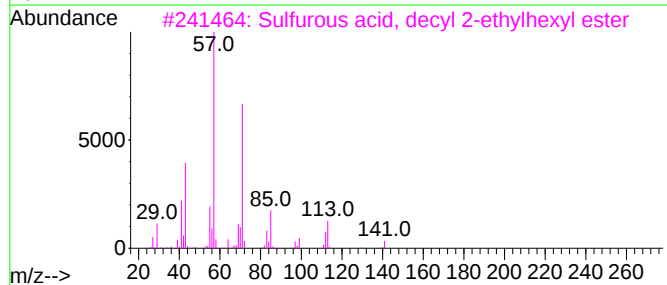
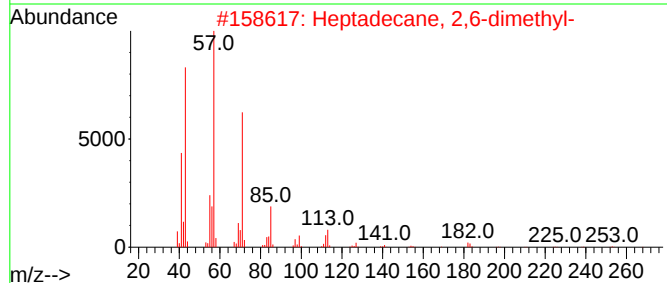
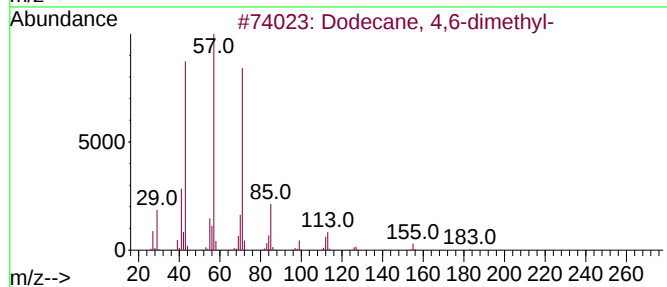
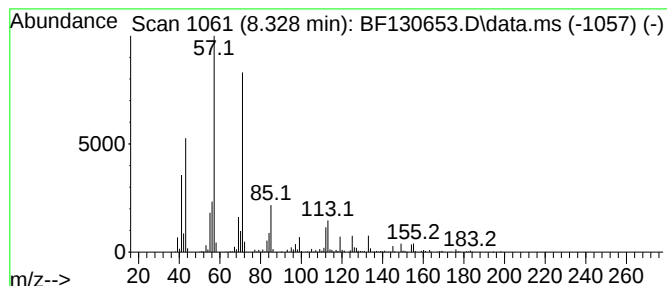
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dodecane, 4,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.328	16.84 ng	6290260	Naphthalene-d8	7.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64



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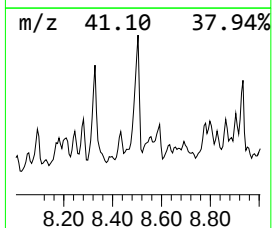
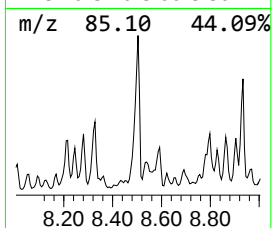
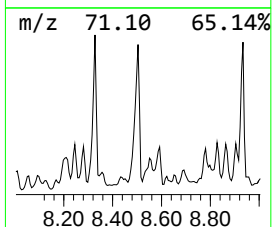
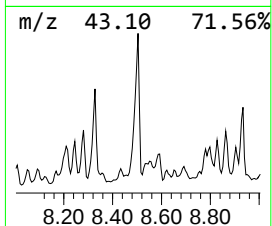
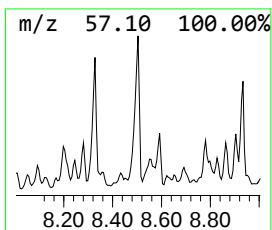
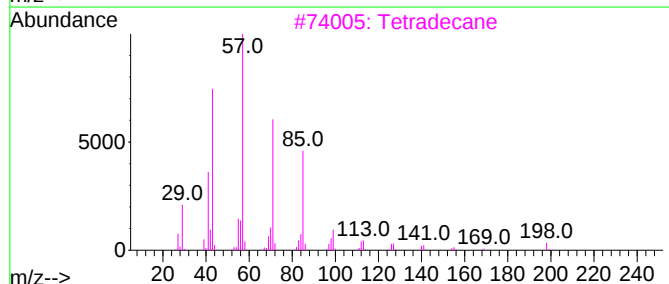
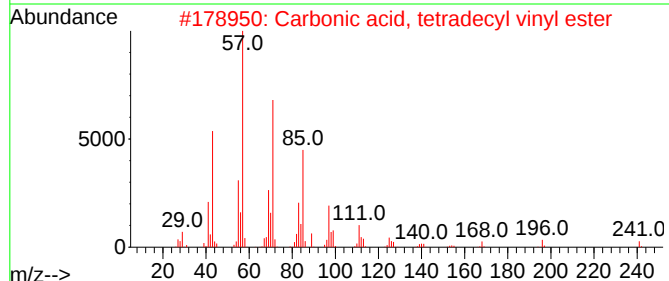
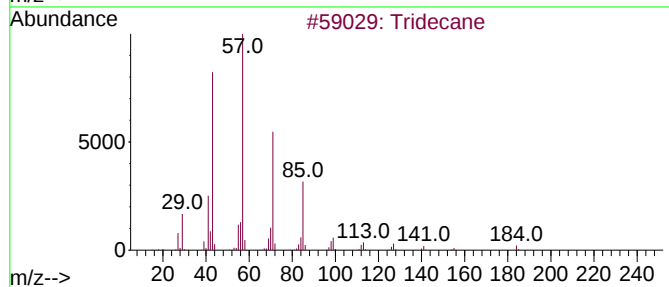
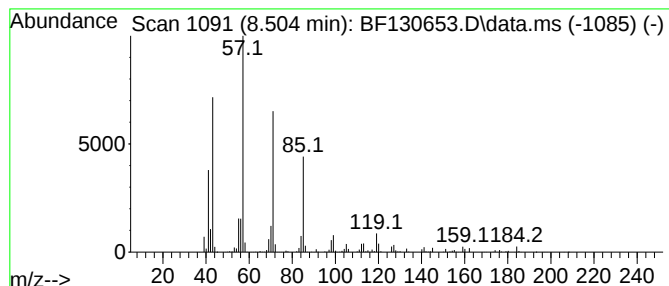
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.504	20.34 ng	7596940	Naphthalene-d8	7.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	78
5			Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
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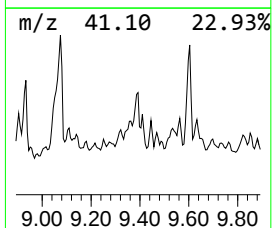
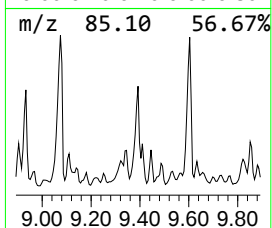
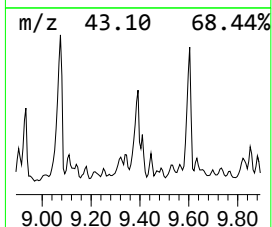
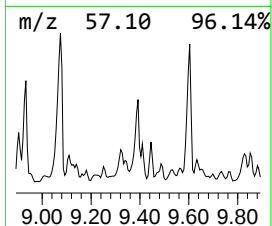
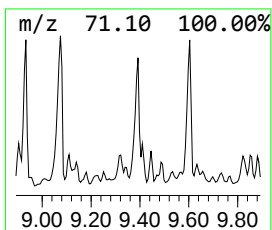
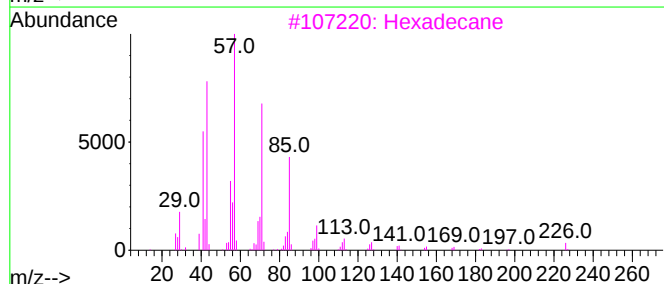
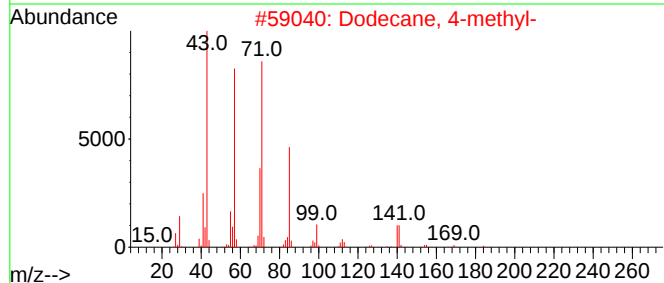
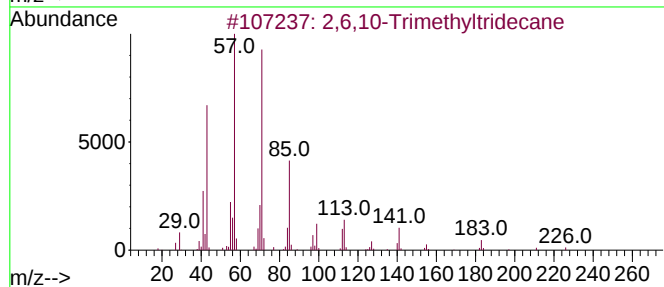
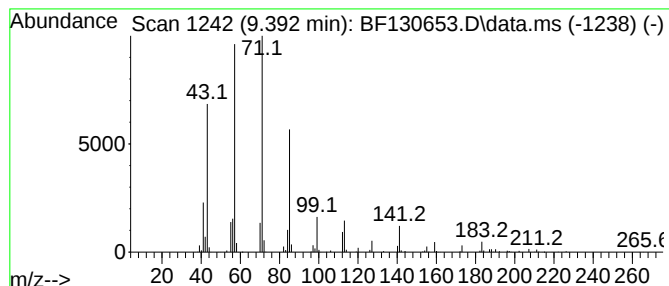
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2,6,10-Trimethyltridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.392	16.57 ng	3206690	Acenaphthene-d10		9.651

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34		003891-99-4	91
2	Dodecane, 4-methyl-	184	C13H28		006117-97-1	90
3	Hexadecane	226	C16H34		000544-76-3	86
4	2-Bromotetradecane	276	C14H29Br		074036-95-6	80
5	Undecane, 4,8-dimethyl-	184	C13H28		017301-33-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130653.D
Acq On : 13 Oct 2022 18:27
Operator : CG\JU
Sample : N4911-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LEE-1

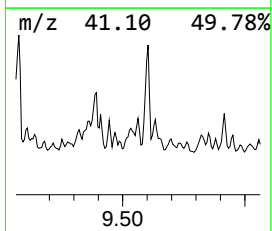
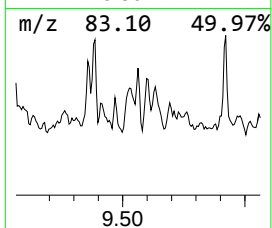
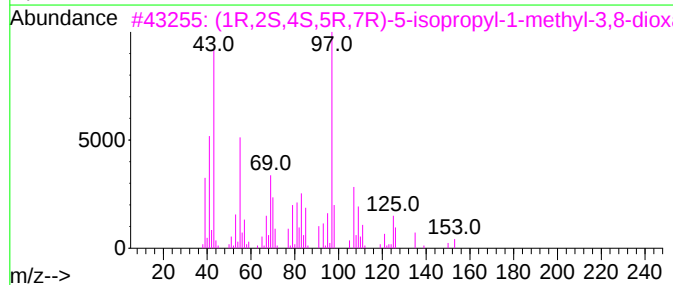
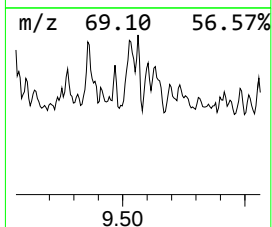
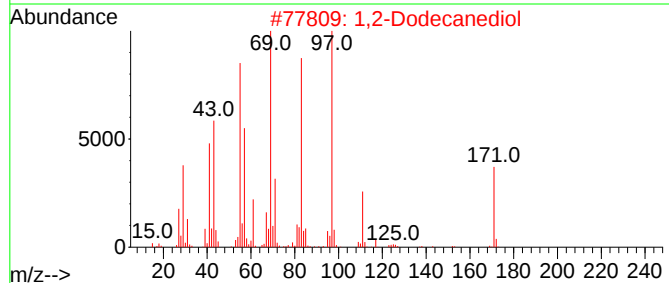
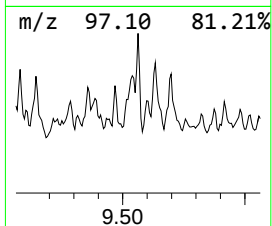
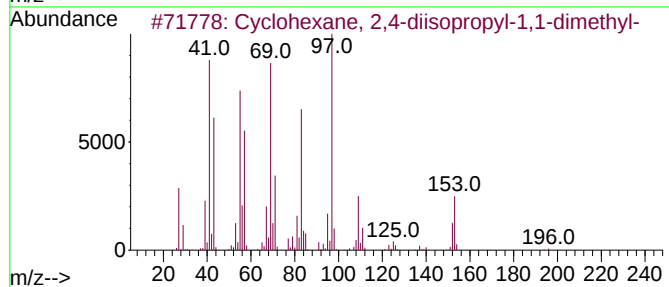
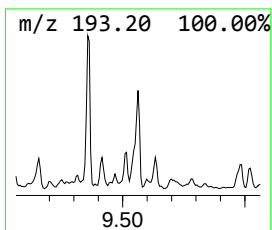
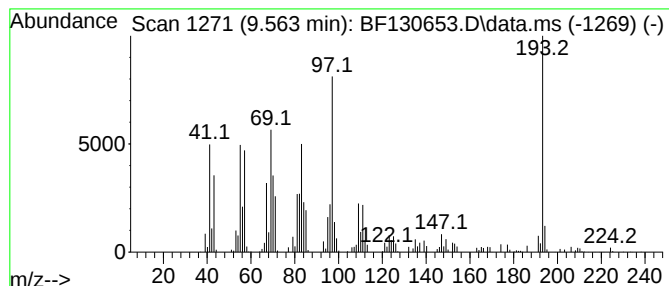
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.563 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	9.28 ng	1796050	Acenaphthene-d10	9.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	35
2			1,2-Dodecanediol	202	C12H26O2	001119-87-5	35
3			(1R,2S,4S,5R,7R)-5-isopropyl-1-m...	168	C10H16O2	1000439-66-9	27
4			Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054824-04-3	25
5			2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130653.D
Acq On : 13 Oct 2022 18:27
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ClientSampleId :
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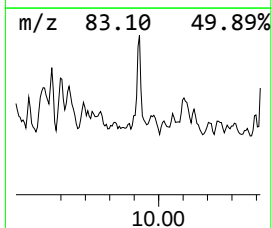
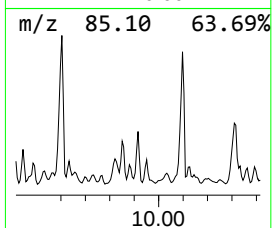
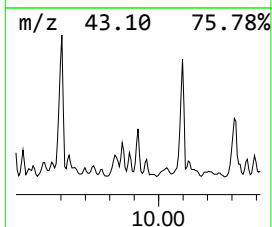
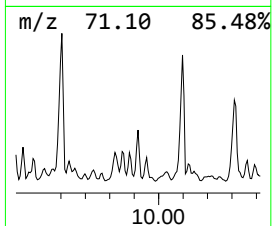
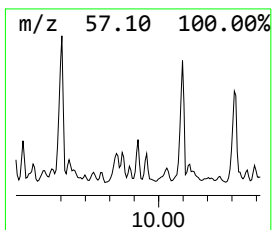
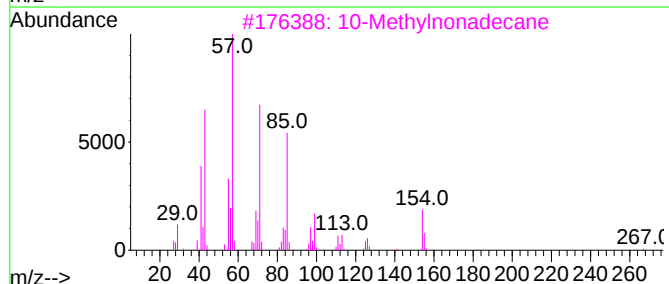
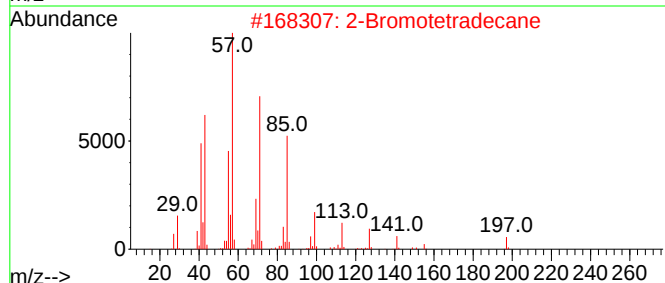
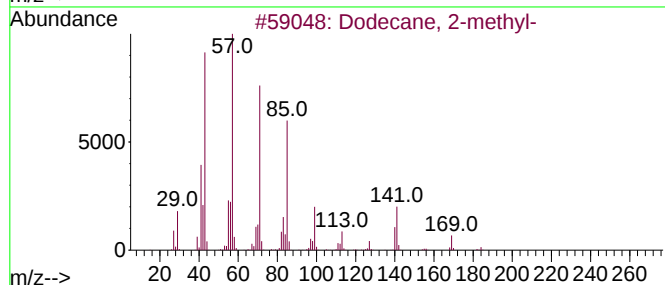
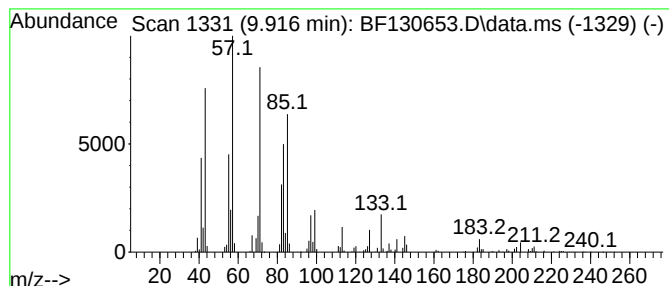
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.916	9.45 ng	1828590	Acenaphthene-d10	9.651

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-	184	C13H28	001560-97-0	70
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	68
3		10-Methylnonadecane	282	C20H42	056862-62-5	64
4		Octacosane, 2-methyl-	408	C29H60	001560-98-1	64
5		Hexacosane	366	C26H54	000630-01-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130653.D
Acq On : 13 Oct 2022 18:27
Operator : CG\JU
Sample : N4911-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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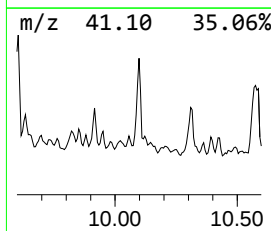
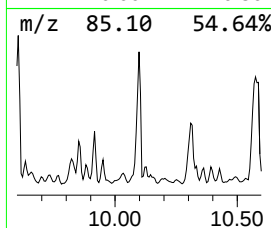
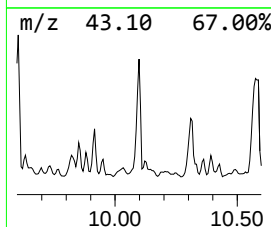
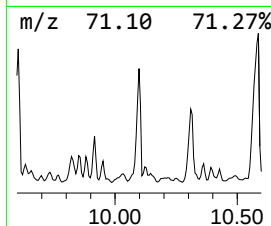
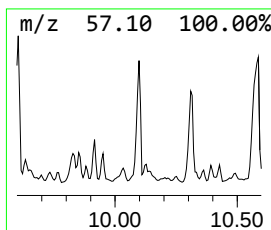
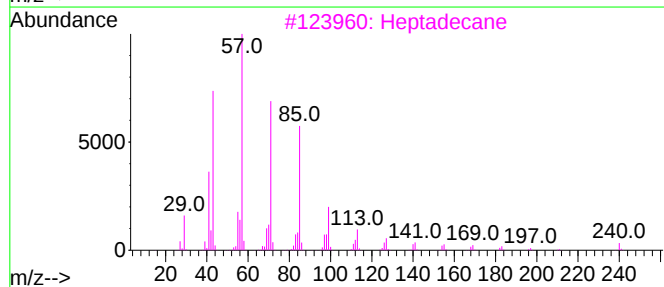
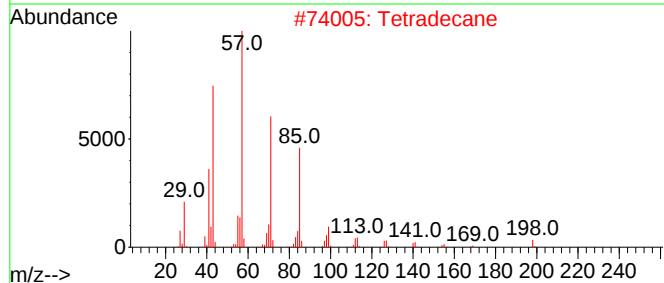
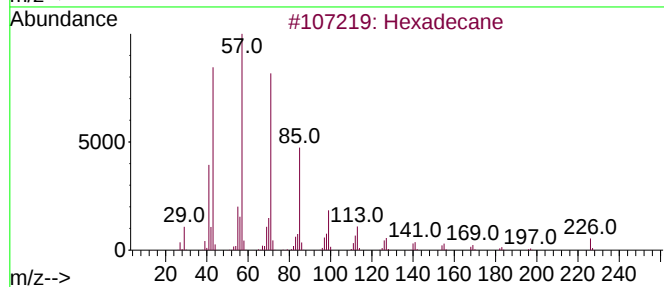
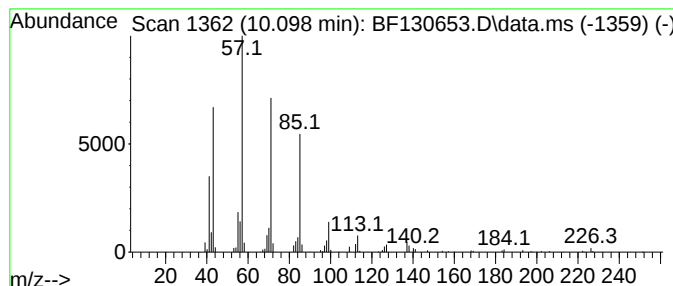
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	19.83 ng	3837200	Acenaphthene-d10	9.651

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		Heptadecane	240	C17H36	000629-78-7	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
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Acq On : 13 Oct 2022 18:27
Operator : CG\JU
Sample : N4911-01
Misc :
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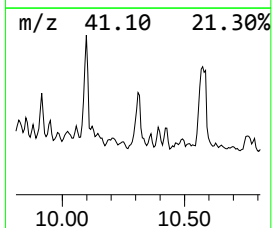
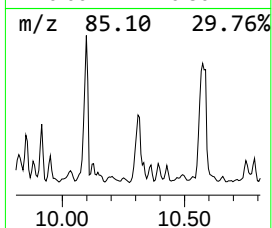
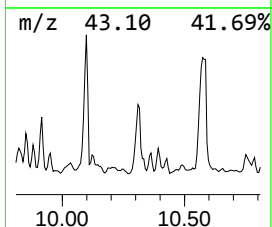
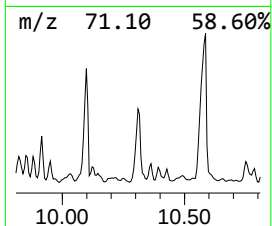
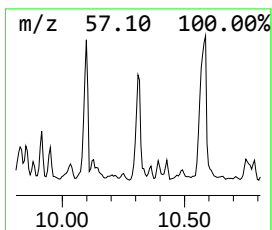
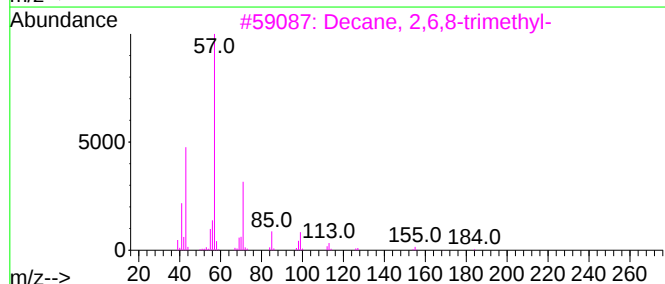
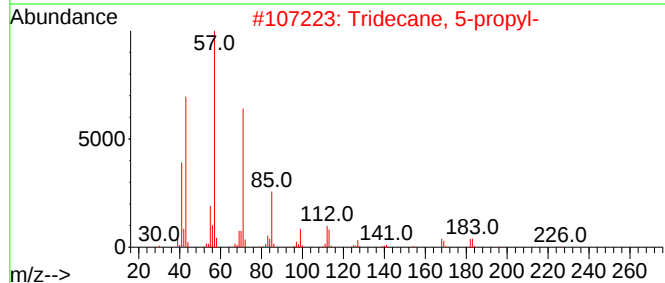
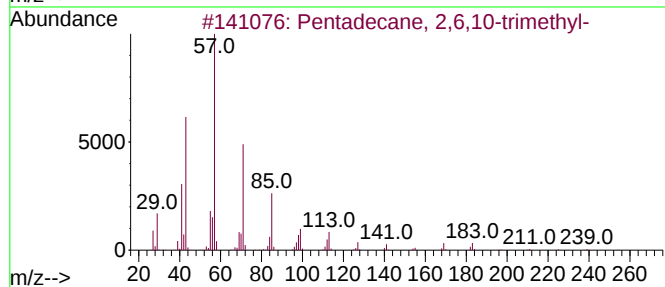
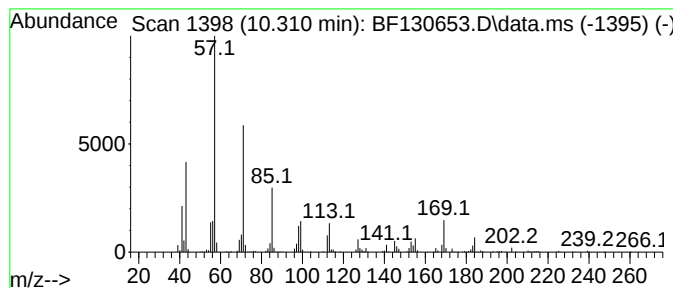
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.310	18.23 ng	3526070	Acenaphthene-d10			9.651
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	91
2	Tridecane, 5-propyl-		226	C16H34	055045-11-9	89
3	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	62
4	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	62
5	Dodecane, 4,9-dipropyl-		254	C18H38	003054-63-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130653.D
Acq On : 13 Oct 2022 18:27
Operator : CG\JU
Sample : N4911-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LEE-1

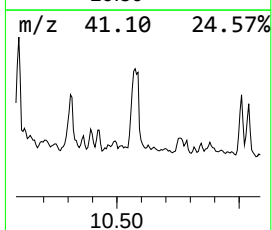
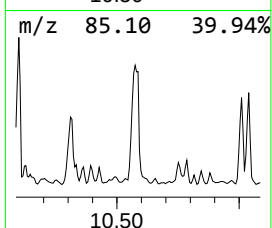
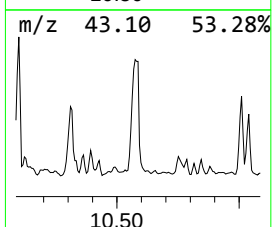
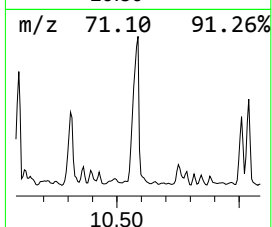
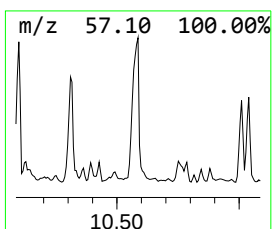
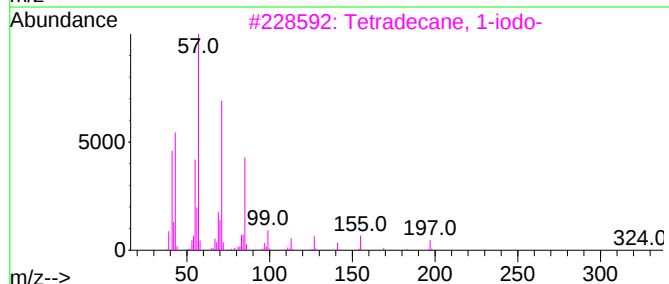
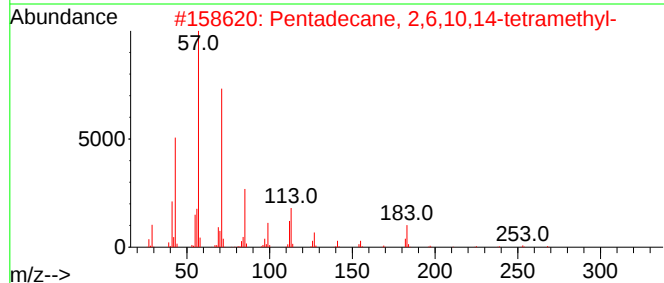
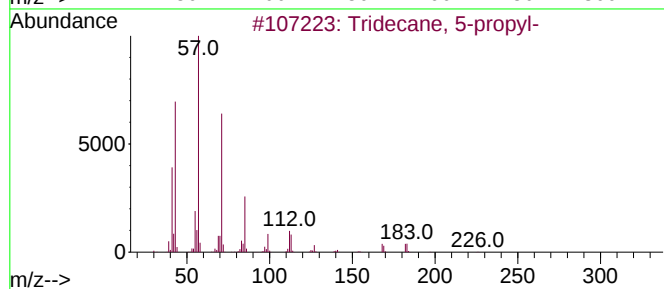
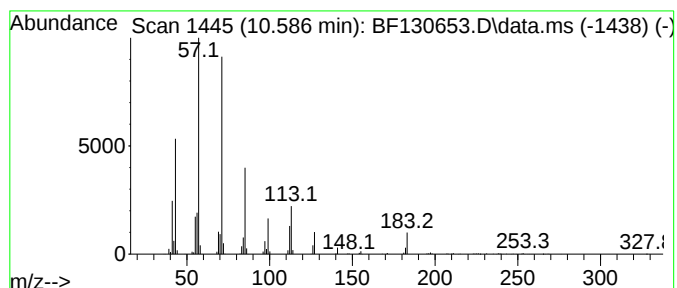
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	47.83 ng	8771630	Phenanthrene-d10	11.127

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	60
5		7-Methyl-octadecane	268	C19H40	1000192-63-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130653.D
Acq On : 13 Oct 2022 18:27
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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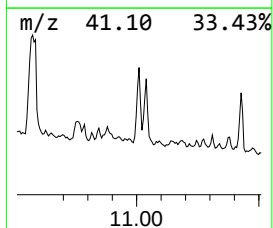
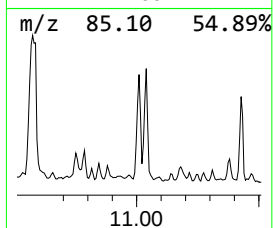
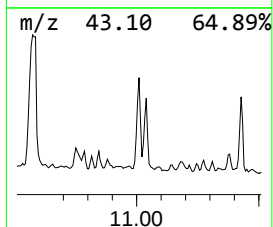
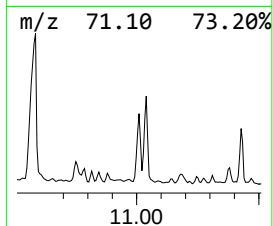
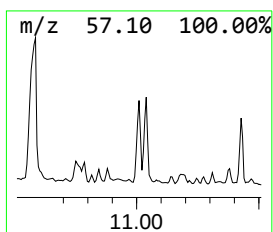
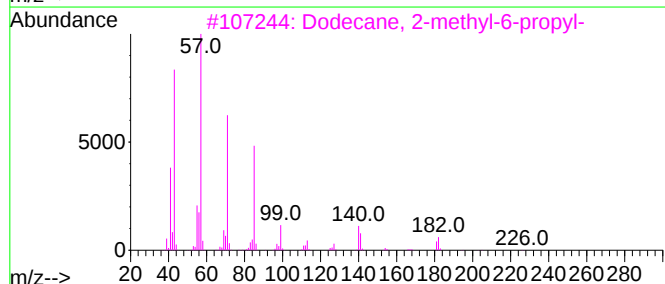
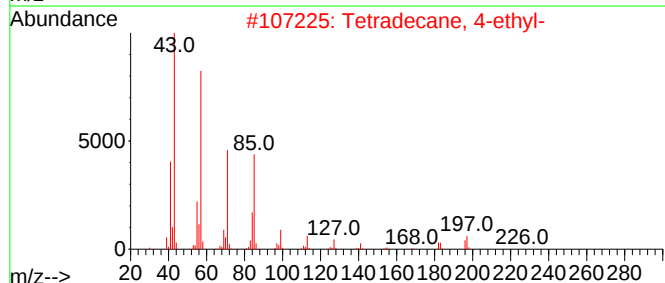
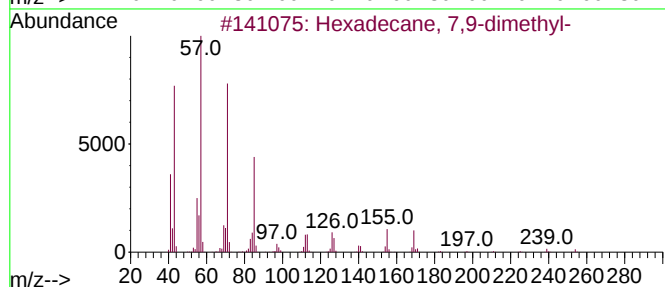
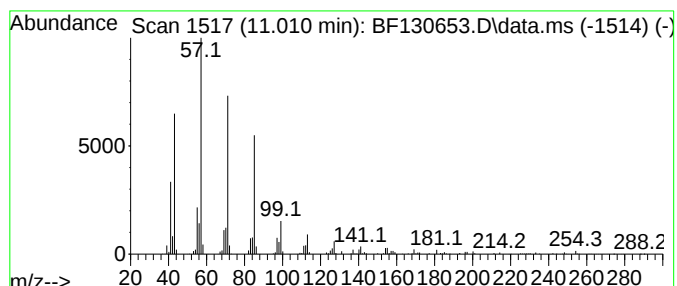
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 7,9-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.010	14.66 ng	2687960	Phenanthrene-d10	11.127

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
2			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130653.D
Acq On : 13 Oct 2022 18:27
Operator : CG\JU
Sample : N4911-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

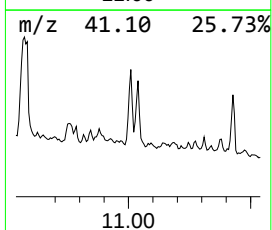
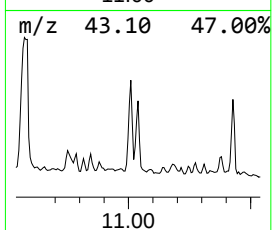
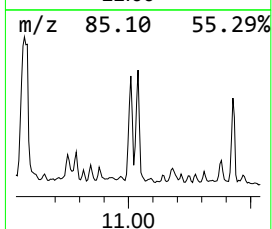
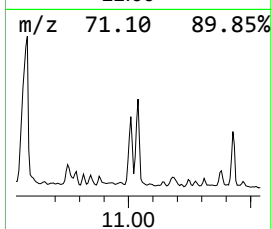
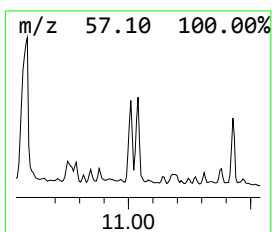
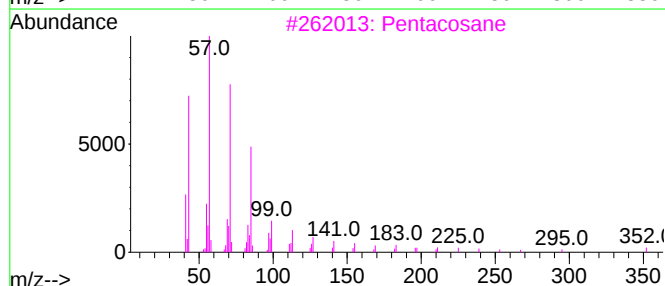
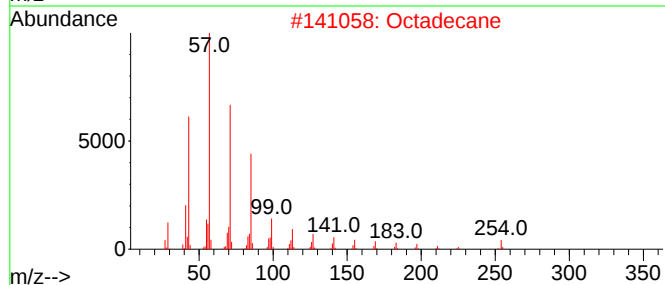
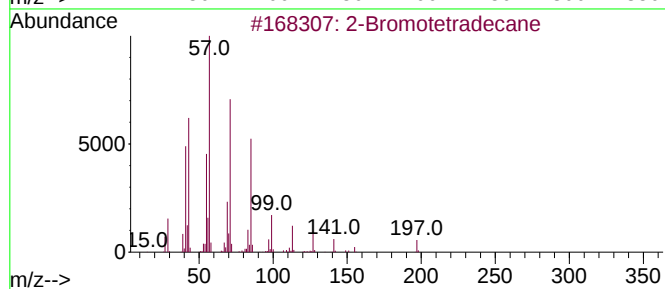
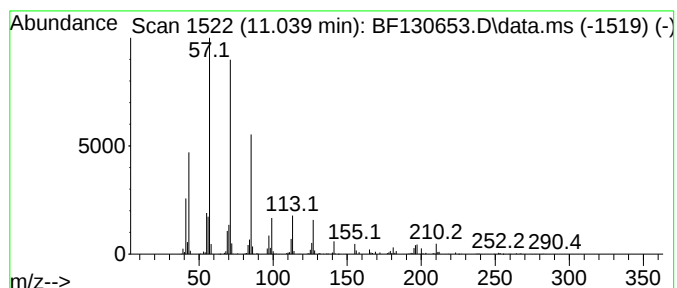
Instrument :
BNA_F
ClientSampleId :
LEE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Bromotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.039	20.00 ng	3667780	Phenanthrene-d10	11.127	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
2	Octadecane	254	C18H38	000593-45-3	86
3	Pentacosane	352	C25H52	000629-99-2	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130653.D
Acq On : 13 Oct 2022 18:27
Operator : CG\JU
Sample : N4911-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

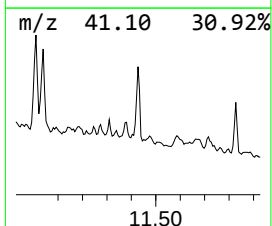
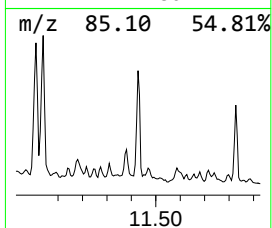
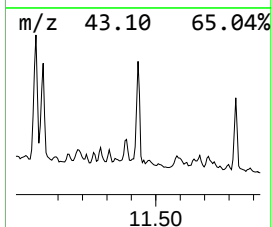
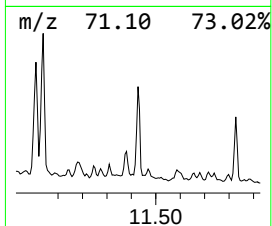
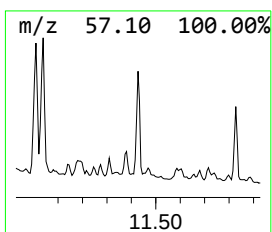
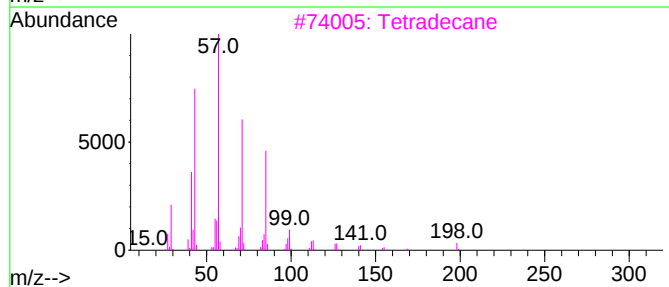
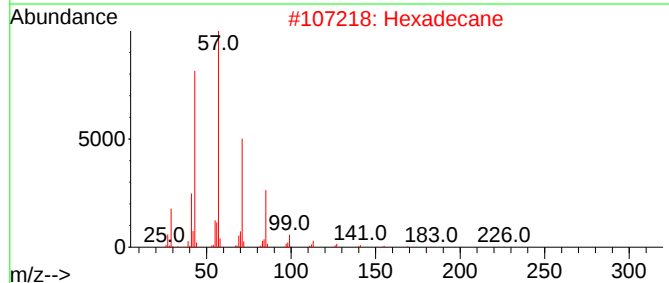
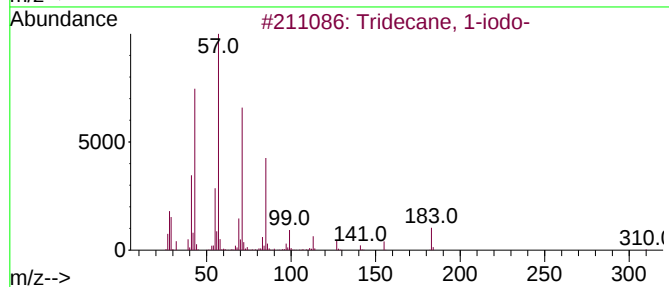
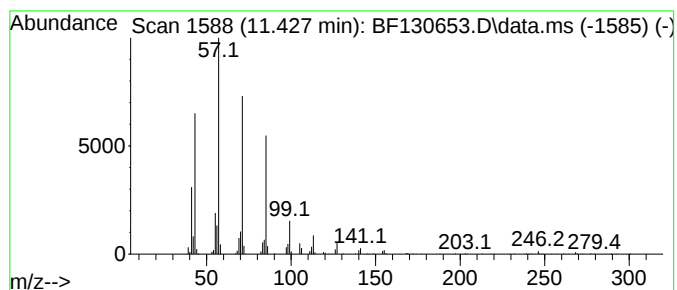
Instrument :
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ClientSampleId :
LEE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.427	10.05 ng	1843670	Phenanthrene-d10		11.127	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tetradecane		198	C14H30	000629-59-4	87
4	Decane, 1-iodo-		268	C10H21I	002050-77-3	83
5	2-Bromo dodecane		248	C12H25Br	013187-99-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130653.D
Acq On : 13 Oct 2022 18:27
Operator : CG\JU
Sample : N4911-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

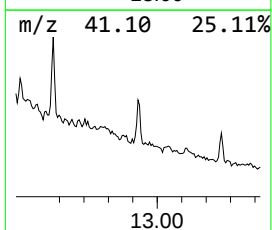
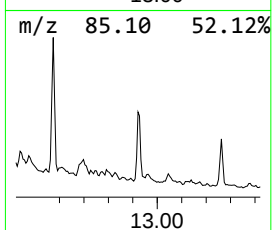
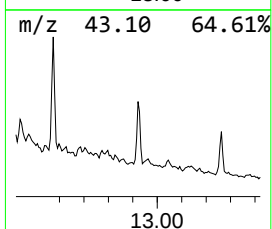
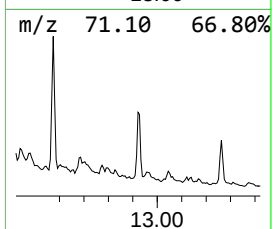
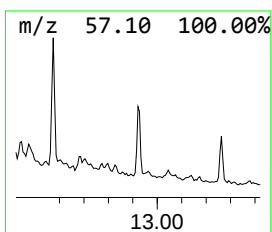
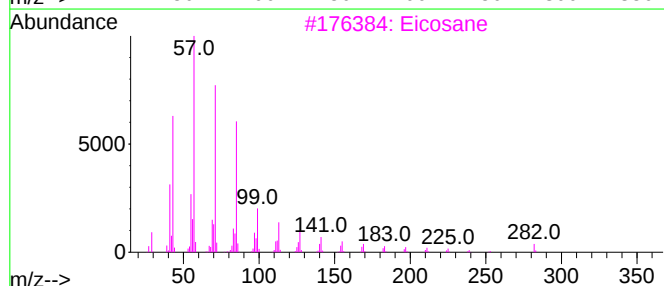
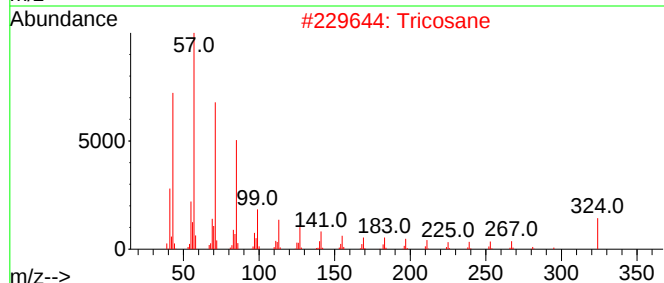
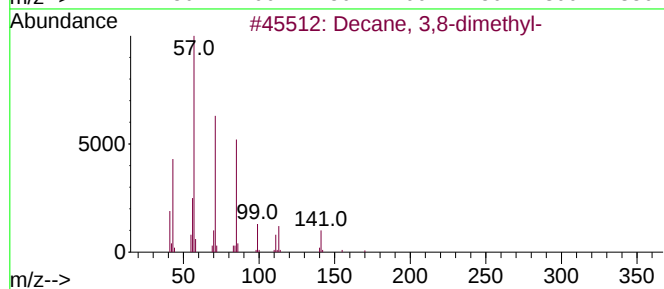
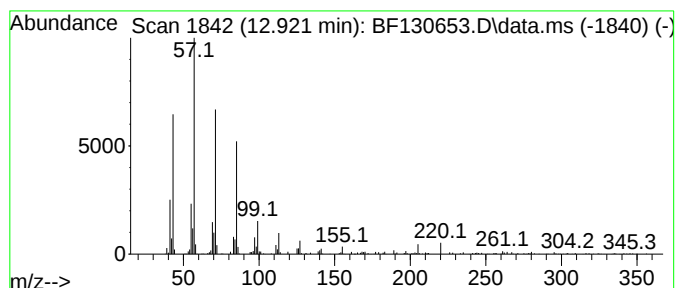
Instrument :
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ClientSampleId :
LEE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Decane, 3,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.921	15.52 ng	449396	Chrysene-d12	13.733	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
2	Tricosane	324	C23H48	000638-67-5	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130653.D
Acq On : 13 Oct 2022 18:27
Operator : CG\JU
Sample : N4911-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LEE-1

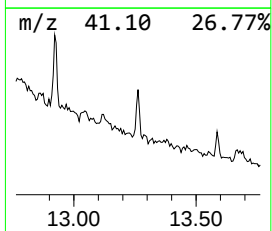
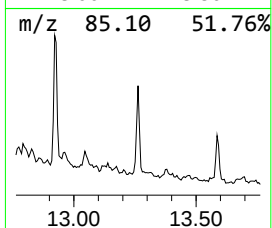
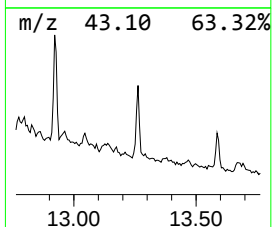
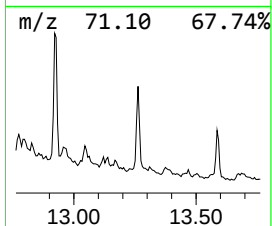
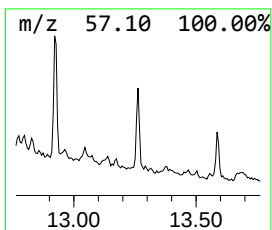
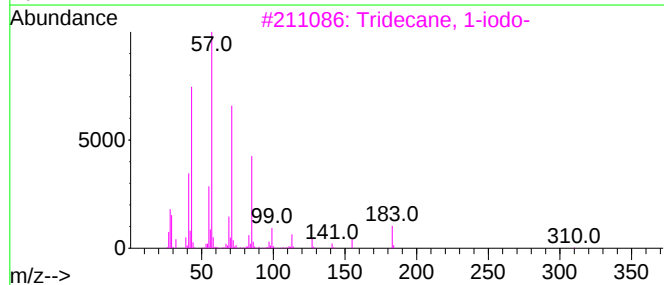
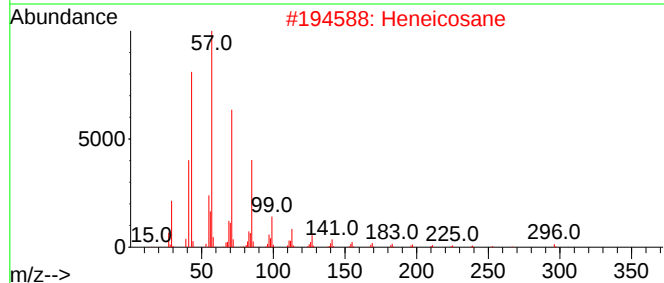
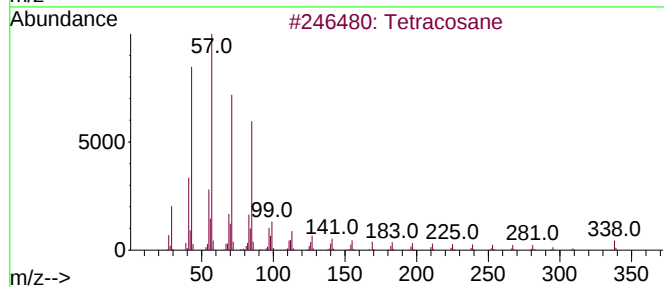
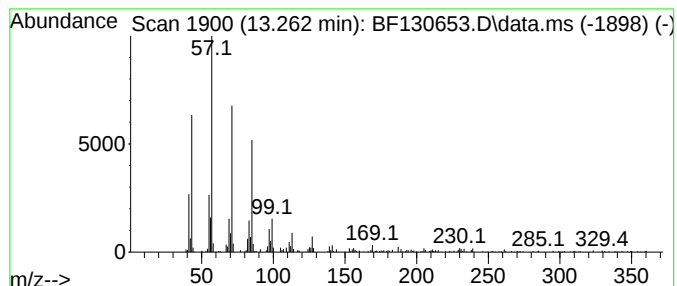
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	8.49 ng	245976	Chrysene-d12	13.733

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	93
2			Heneicosane	296	C21H44	000629-94-7	87
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4			Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5			Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130653.D
Acq On : 13 Oct 2022 18:27
Operator : CG\JU
Sample : N4911-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LEE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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
2-Pentanone, 4-...	4.769	17.9	ng	632289	1	6.586	706587	20.0
Decane	6.428	15.2	ng	538004	1	6.586	706587	20.0
Sulfurous acid,...	6.739	8.6	ng	303569	1	6.586	706587	20.0
Cyclohexane, 1,...	6.851	11.6	ng	408009	1	6.586	706587	20.0
Decane, 4-methyl-	6.904	11.1	ng	392402	1	6.586	706587	20.0
Decane, 2-methyl-	6.939	11.1	ng	393342	1	6.586	706587	20.0
Naphthalene, de...	6.981	25.3	ng	895161	1	6.586	706587	20.0
Dodecane, 4,6-d...	8.328	16.8	ng	6290260	2	7.880	7471140	20.0
Tridecane	8.504	20.3	ng	7596940	2	7.880	7471140	20.0
2,6,10-Trimethy...	9.392	16.6	ng	3206690	3	9.651	3869330	20.0
unknown9.563	9.563	9.3	ng	1796050	3	9.651	3869330	20.0
Dodecane, 2-met...	9.916	9.4	ng	1828590	3	9.651	3869330	20.0
Hexadecane	10.098	19.8	ng	3837200	3	9.651	3869330	20.0
Pentadecane, 2,...	10.310	18.2	ng	3526070	3	9.651	3869330	20.0
Tridecane, 5-pr...	10.586	47.8	ng	8771630	4	11.127	3667780	20.0
Hexadecane, 7,9...	11.010	14.7	ng	2687960	4	11.127	3667780	20.0
2-Bromotetradecane	11.039	20.0	ng	3667780	4	11.127	3667780	20.0
Tridecane, 1-iodo-	11.427	10.1	ng	1843670	4	11.127	3667780	20.0
Decane, 3,8-dim...	12.921	15.5	ng	449396	5	13.733	579233	20.0
Tetracosane	13.262	8.5	ng	245976	5	13.733	579233	20.0