LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128790.D
Acq On : 13 Jun 2022 18:13
Operator : CG\JU
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14A-1A-10

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128790.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.099	298	308	313	rBV	141843	213199	5.54%	0.336%
2	4.928	445	449	451	rVV2	145814	207387	5.39%	0.327%
3	5.004	458	462	466	rBV2	229232	263489	6.84%	0.416%
4	5.204	490	496	499	rBV	246309	271347	7.05%	0.428%
5	5.446	533	537	542	rBV	1257276	1319367	34.27%	2.081%
6	5.569	554	558	562	rBV2	117757	189197	4.91%	0.298%
7	5.610	562	565	568	rVV	283545	240128	6.24%	0.379%
8	5.651	568	572	575	rVV	168309	191124	4.96%	0.301%
9	5.816	594	600	604	rVB4	212953	355870	9.24%	0.561%
10	5.869	604	609	611	rBV	171224	225661	5.86%	0.356%
11	5.951	619	623	627	rVB3	281462	389437	10.12%	0.614%
12	6.046	633	639	645	rVV2	637719	816800	21.22%	1.288%
13	6.098	645	648	651	rVB	306514	284438	7.39%	0.449%
14	6.234	666	671	674	rBV2	436328	527982	13.71%	0.833%
15	6.328	684	687	689	rBV	299787	324087	8.42%	0.511%
16	6.351	689	691	696	rVB2	165101	168416	4.37%	0.266%
17	6.457	705	709	714	rBV	1492248	1512351	39.28%	2.386%
18	6.540	719	723	728	rBV4	363027	573191	14.89%	0.904%
19	6.640	735	740	741	rBV3	138505	163282	4.24%	0.258%
20	6.740	750	757	758	rBV4	122056	208272	5.41%	0.329%
21	6.804	763	768	774	rVB2	697577	1101872	28.62%	1.738%
22	6.857	774	777	780	rVB3	217623	240189	6.24%	0.379%
23	6.945	789	792	796	rVB	637173	618276	16.06%	0.975%
24	7.034	804	807	809	rBV2	201033	213379	5.54%	0.337%
25	7.075	809	814	817	rVB4	312071	470608	12.22%	0.742%
26	7.145	823	826	829	rBV2	153445	169627	4.41%	0.268%
27	7.198	829	835	837	rBV2	374053	388678	10.10%	0.613%
28	7.228	837	840	846	rVB4	129253	182706	4.75%	0.288%
29	7.340	852	859	861	rBV2	585958	848475	22.04%	1.338%
30	7.369	861	864	868	rVB2	1030074	1040043	27.01%	1.641%
31	7.451	873	878	881	rVB4	398255	621054	16.13%	0.980%
32	7.510	881	888	891	rBV3	270481	614292	15.96%	0.969%
33	7.581	897	900	902	rVV2	322858	333980	8.67%	0.527%
34	7.610	902	905	908	rVB2	463939	421627	10.95%	0.665%
35	7.704	915	921	923	rBV3	686332	898993	23.35%	1.418%
36	7.728	923	925	928	rVB3	484069	406125	10.55%	0.641%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128790.D
Acq On : 13 Jun 2022 18:13
Operator : CG\JU
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14A-1A-10

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.769	928	932	934	rVB4	210761	269617	7.00%	0.425%
38	7.828	939	942	950	rBV7	279485	545667	14.17%	0.861%
39	7.904	952	955	960	rVB5	242771	264289	6.86%	0.417%
40	7.957	961	964	967	rBV2	282499	325961	8.47%	0.514%
41	8.040	976	978	981	rVV4	370390	431156	11.20%	0.680%
42	8.087	981	986	989	rVV2	833179	1371543	35.63%	2.163%
43	8.151	992	997	999	rVV	1438769	1481823	38.49%	2.337%
44	8.175	999	1001	1005	rVV3	433441	478523	12.43%	0.755%
45	8.239	1009	1012	1014	rBV4	244195	284261	7.38%	0.448%
46	8.292	1018	1021	1023	rVV3	336675	329639	8.56%	0.520%
47	8.381	1028	1036	1040	rBV3	1040010	1473767	38.28%	2.325%
48	8.434	1043	1045	1048	rVV3	325784	319400	8.30%	0.504%
49	8.469	1048	1051	1054	rVV3	422608	475207	12.34%	0.750%
50	8.510	1054	1058	1060	rVV	1580154	1631129	42.37%	2.573%
51	8.528	1060	1061	1063	rVV	435261	366707	9.53%	0.578%
52	8.551	1063	1065	1068	rVB2	365015	322521	8.38%	0.509%
53	8.592	1070	1072	1075	rVV2	303094	261286	6.79%	0.412%
54	8.628	1075	1078	1081	rVV4	289774	446060	11.59%	0.704%
55	8.681	1084	1087	1091	rVV4	481577	750438	19.49%	1.184%
56	8.722	1091	1094	1096	rVV3	420434	623169	16.19%	0.983%
57	8.739	1096	1097	1100	rVV3	491008	590957	15.35%	0.932%
58	8.781	1100	1104	1107	rVB2	745867	911347	23.67%	1.438%
59	8.869	1116	1119	1122	rBV3	257343	438786	11.40%	0.692%
60	8.963	1133	1135	1137	rBV3	361095	369071	9.59%	0.582%
61	8.998	1138	1141	1145	rVB2	786794	847979	22.03%	1.338%
62	9.039	1145	1148	1153	rBV6	178204	333586	8.66%	0.526%
63	9.087	1153	1156	1158	rBV2	262734	239626	6.22%	0.378%
64	9.116	1158	1161	1166	rVB	1766477	1515435	39.36%	2.390%
65	9.169	1166	1170	1174	rVB	1665316	1503793	39.06%	2.372%
66	9.257	1180	1185	1188	rBV3	478493	805610	20.93%	1.271%
67	9.286	1188	1190	1193	rBV2	240744	227988	5.92%	0.360%
68	9.363	1201	1203	1207	rVB3	298917	275328	7.15%	0.434%
69	9.434	1213	1215	1218	rVB3	454410	452998	11.77%	0.715%
70	9.481	1220	1223	1225	rVV3	252552	305506	7.94%	0.482%
71	9.504	1225	1227	1229	rVV2	603630	521633	13.55%	0.823%
72	9.528	1229	1231	1233	rVV2	407337	359927	9.35%	0.568%
73	9.569	1233	1238	1241	rVV	2513166	2531645	65.76%	3.993%
74	9.598	1241	1243	1245	rVB2	268426	200916	5.22%	0.317%
75	9.622	1245	1247	1249	rBV	232875	189707	4.93%	0.299%
76	9.716	1259	1263	1266	rBV4	276728	354530	9.21%	0.559%

LSC Area Percent Report

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Operator : CG\JU
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14A-1A-10

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.757	1266	1270	1272	rBV2	457784	508129	13.20%	0.802%
78	9.822	1278	1281	1283	rBV3	497579	654360	17.00%	1.032%
79	9.845	1283	1285	1288	rVB	771165	638476	16.58%	1.007%
80	9.886	1290	1292	1293	rBV	237366	178653	4.64%	0.282%
81	9.951	1300	1303	1307	rBV	433394	431382	11.20%	0.680%
82	10.004	1308	1312	1316	rBV5	308497	589186	15.30%	0.929%
83	10.039	1316	1318	1322	rVV2	563645	645286	16.76%	1.018%
84	10.104	1325	1329	1336	rVB4	729746	1272077	33.04%	2.007%
85	10.169	1337	1340	1342	rBV3	375426	434922	11.30%	0.686%
86	10.222	1346	1349	1352	rVB2	350879	354512	9.21%	0.559%
87	10.257	1352	1355	1360	rBV6	476489	676874	17.58%	1.068%
88	10.304	1361	1363	1366	rBV2	315579	319314	8.29%	0.504%
89	10.333	1366	1368	1374	rVB2	383437	469947	12.21%	0.741%
90	10.392	1375	1378	1379	rBV2	245403	269310	7.00%	0.425%
91	10.504	1392	1397	1400	rBV	2049329	2113184	54.89%	3.333%
92	10.592	1410	1412	1413	rBV2	222513	189960	4.93%	0.300%
93	10.616	1414	1416	1418	rVV2	510577	400702	10.41%	0.632%
94	10.639	1418	1420	1423	rVV	665831	610031	15.85%	0.962%
95	10.775	1438	1443	1449	rBV	3249719	3849929	100.00%	6.073%
96	11.239	1518	1522	1528	rVB	2569799	2706869	70.31%	4.270%
97	11.345	1537	1540	1542	rBV2	706995	820634	21.32%	1.294%
98	11.586	1579	1581	1584	rVB	814323	728419	18.92%	1.149%
99	12.327	1705	1707	1712	rVB	821465	938525	24.38%	1.480%
100	12.939	1808	1811	1813	rVB2	1142614	1151708	29.92%	1.817%

Sum of corrected areas: 63395869

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
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Acq On : 13 Jun 2022 18:13
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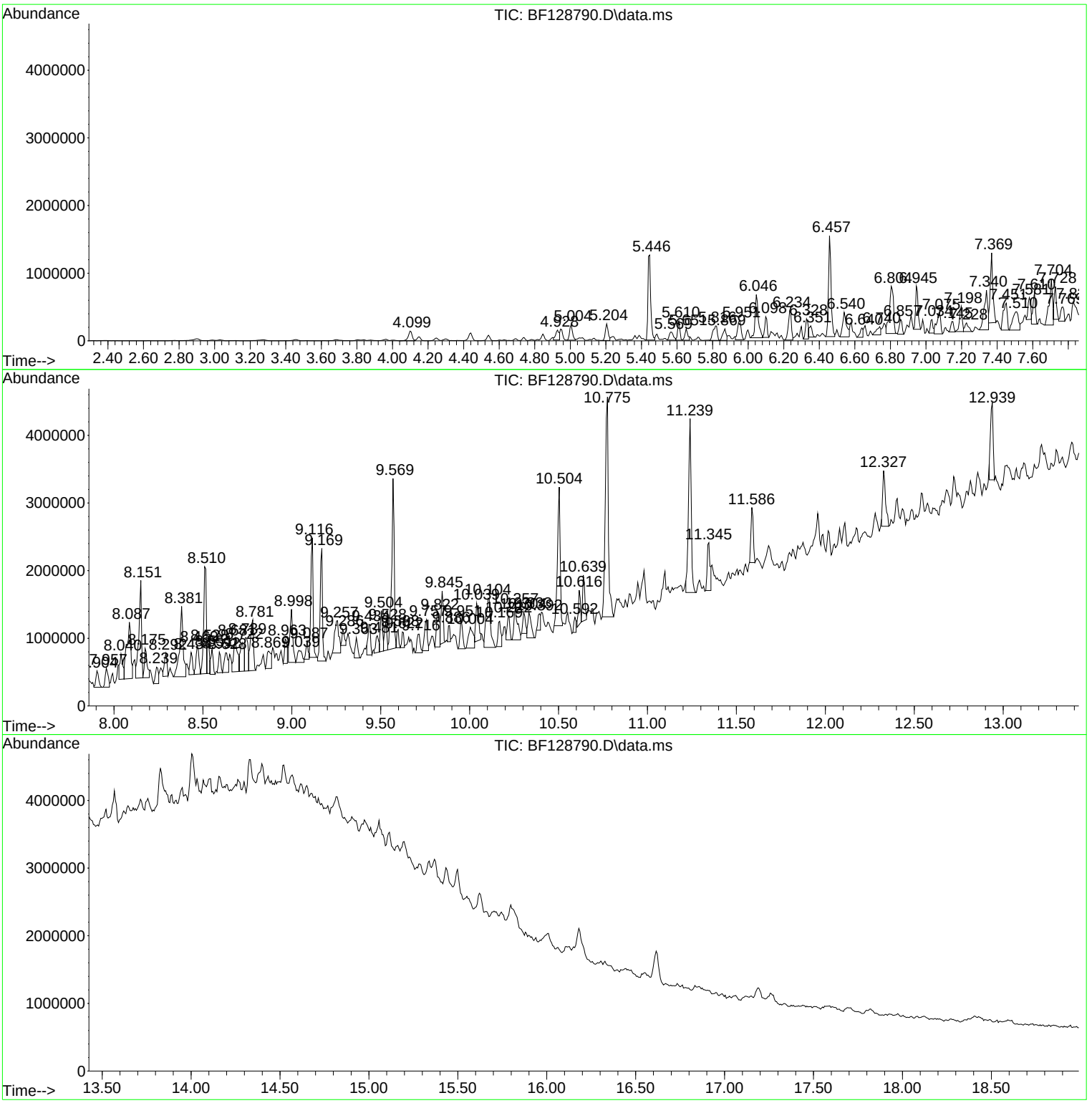
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128790.D
Acq On : 13 Jun 2022 18:13
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Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

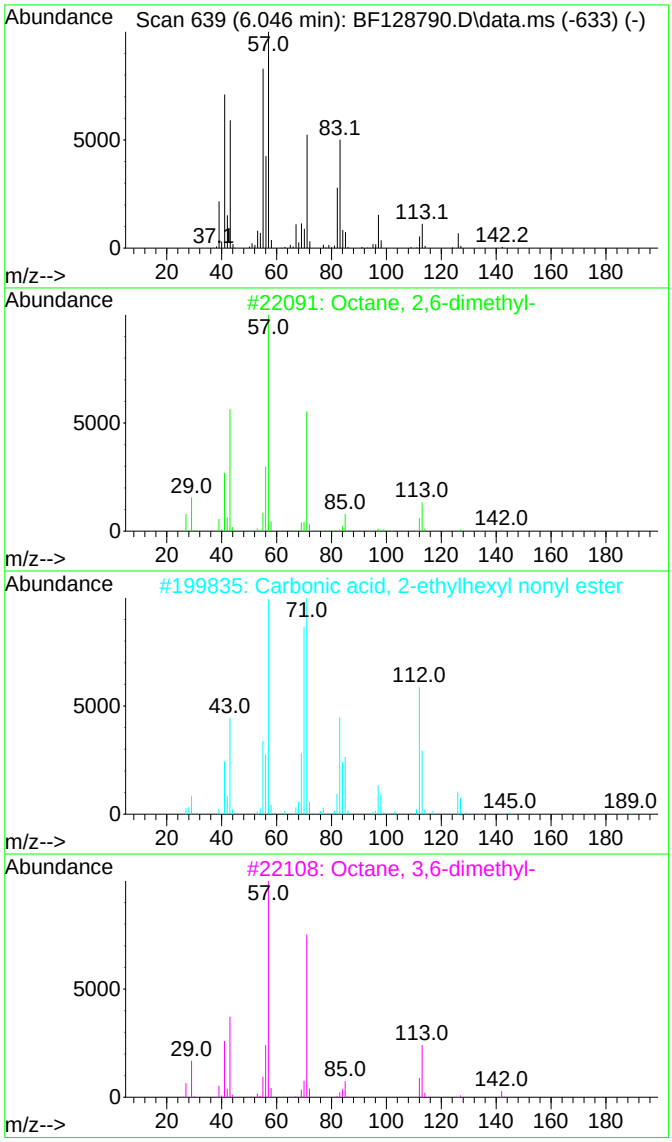
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

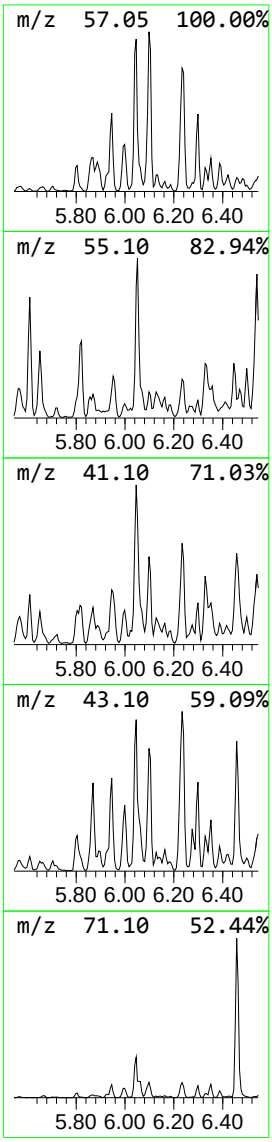
****

Peak Number 1 unknown6.046 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.046	14.83 ng	816800	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
2	Carbonic acid, 2-ethylhexyl nony...	300	C18H36O3	1000383-13-6	38
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	35
4	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	30
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128790.D
Acq On : 13 Jun 2022 18:13
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Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

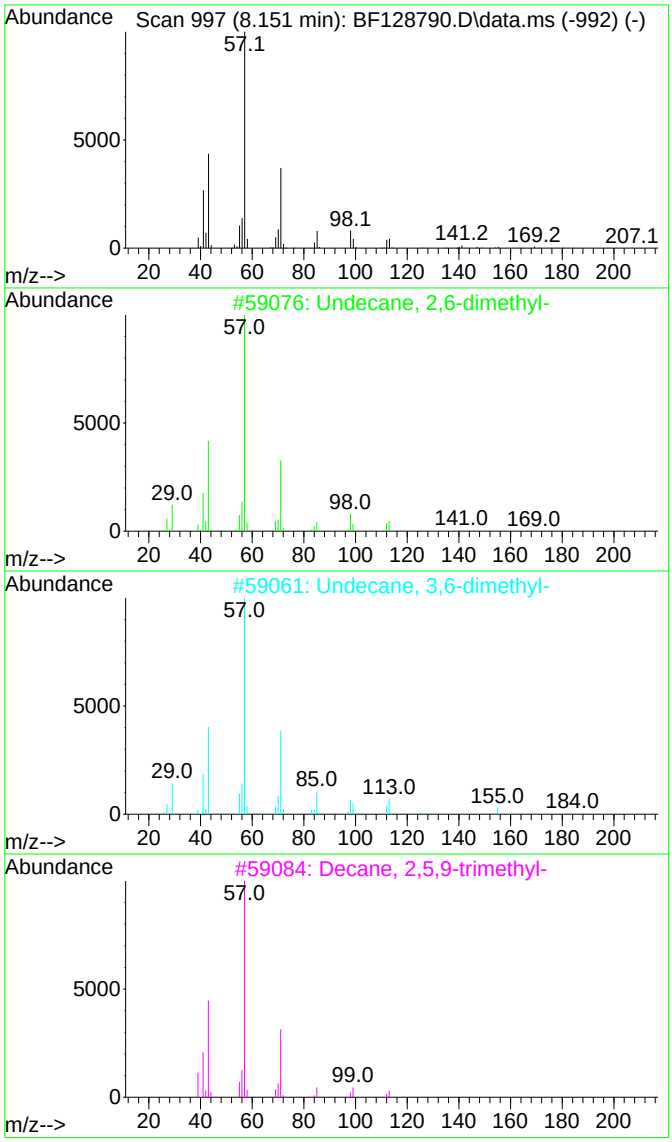
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

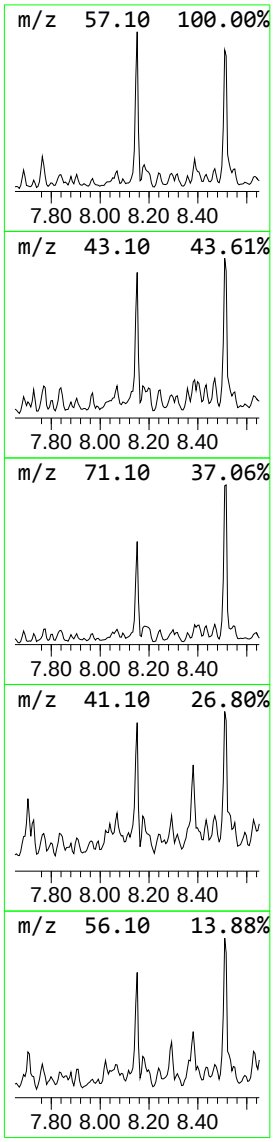
****

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.151	21.61 ng	1481820	Naphthalene-d8	8.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
5	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128790.D
Acq On : 13 Jun 2022 18:13
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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

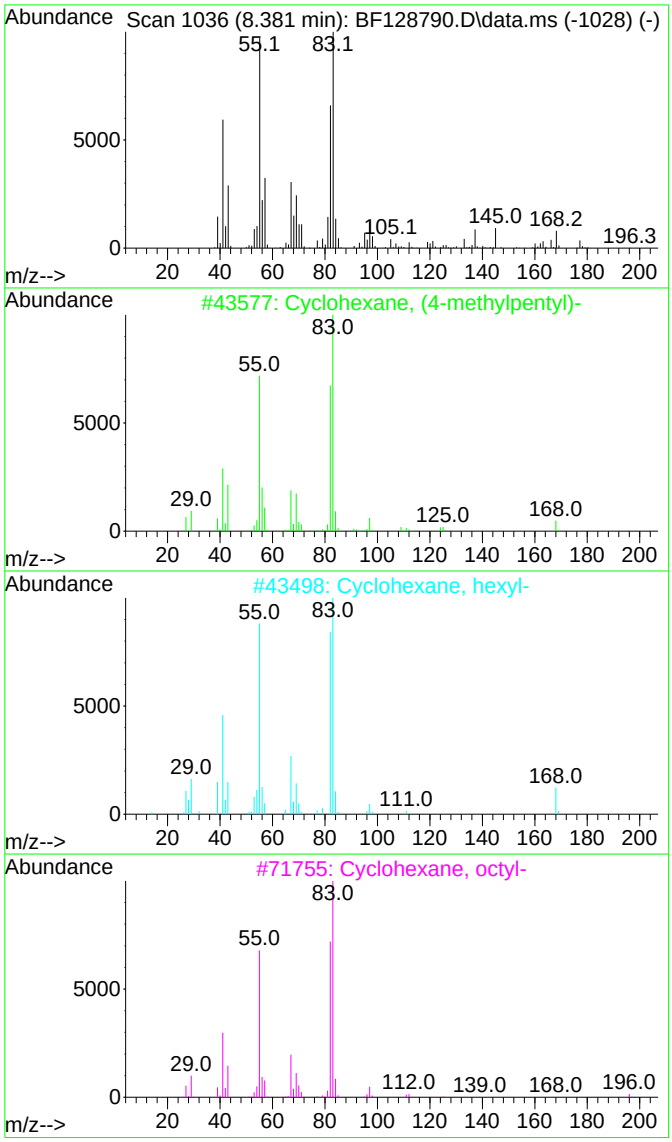
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

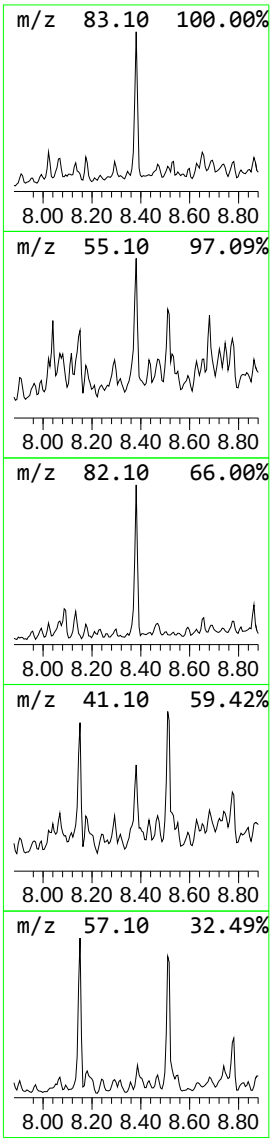
****

Peak Number 3 Cyclohexane, (4-methylpentyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.381	21.49 ng	1473770	Naphthalene-d8	8.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	80
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	80
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128790.D
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Operator : CG\JU
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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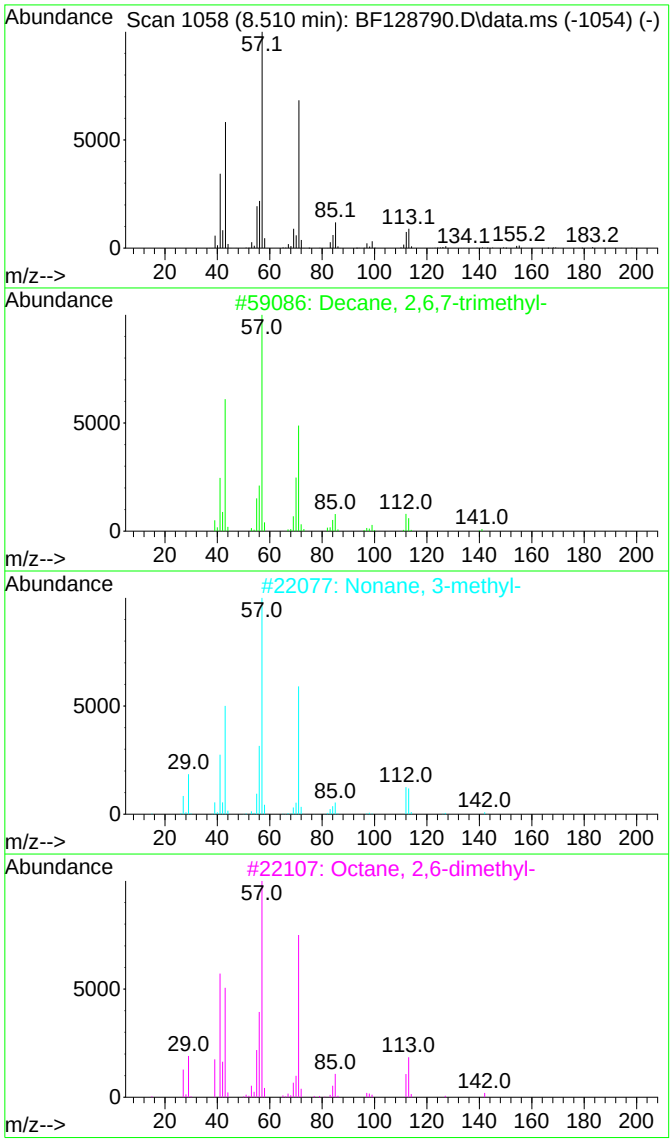
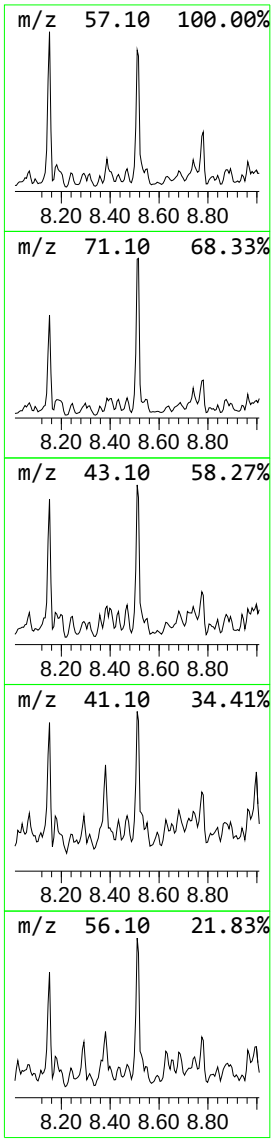
Peak Number 4 Decane, 2,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.510	23.79 ng	1631130	Naphthalene-d8	8.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	90
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128790.D
Acq On : 13 Jun 2022 18:13
Operator : CG\JU
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

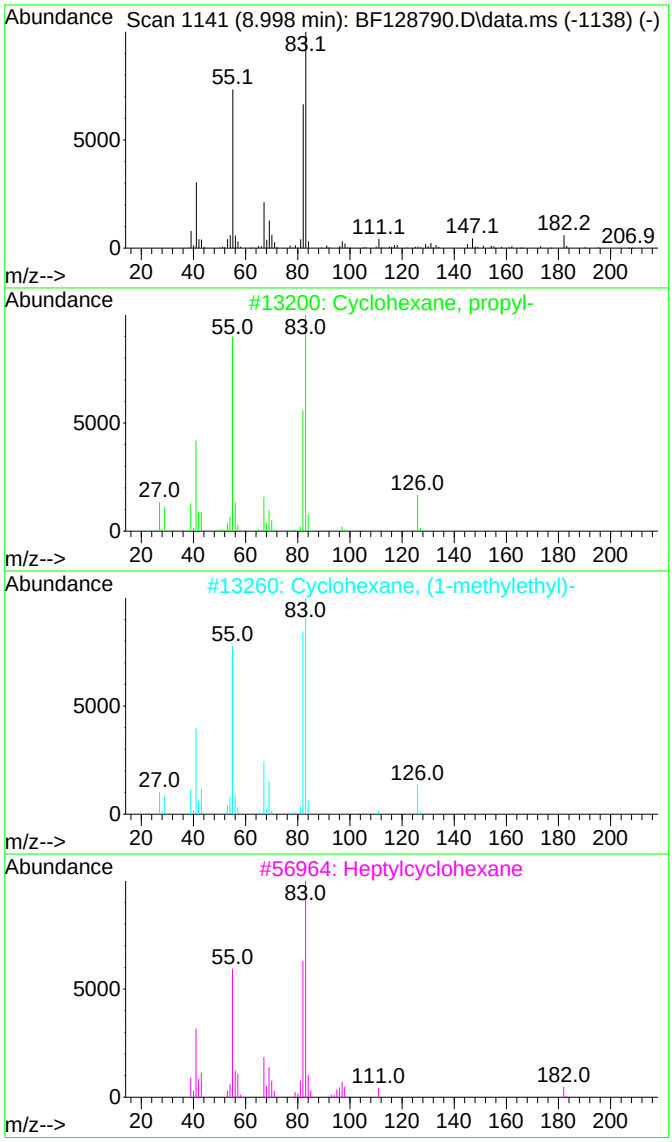
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

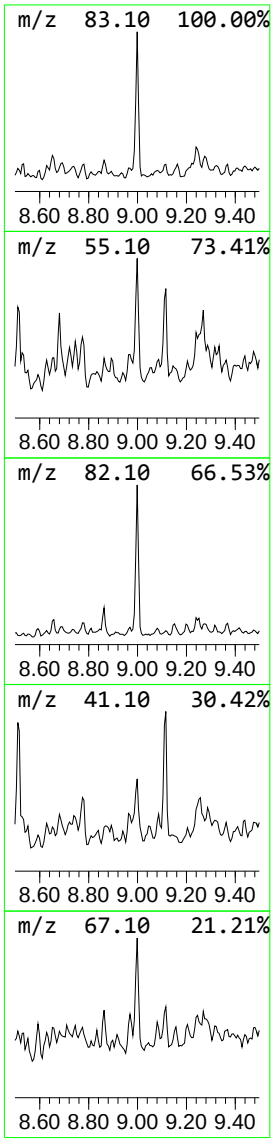
****

Peak Number 5 Cyclohexane, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.998	26.56 ng	847979	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	86
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	86
3	Heptylcyclohexane	182	C13H26	005617-41-4	83
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	78
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72





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Acq On : 13 Jun 2022 18:13
Operator : CG\JU
Sample : N3304-01
Misc :
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Instrument :
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ClientSampleId :
WC-14A-1A-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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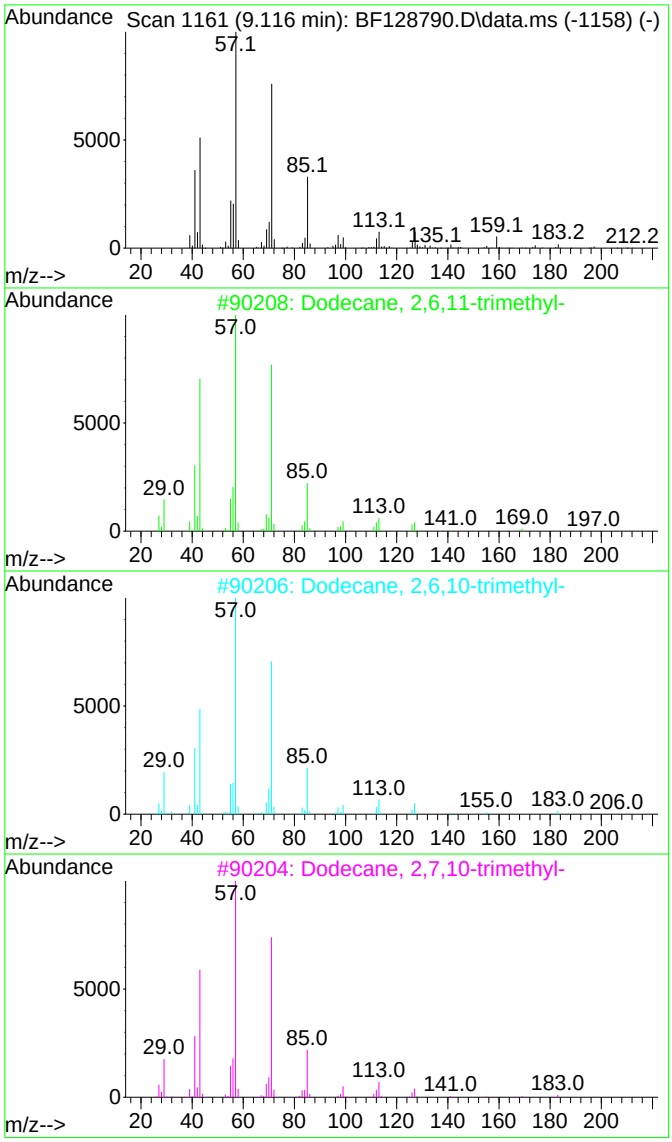
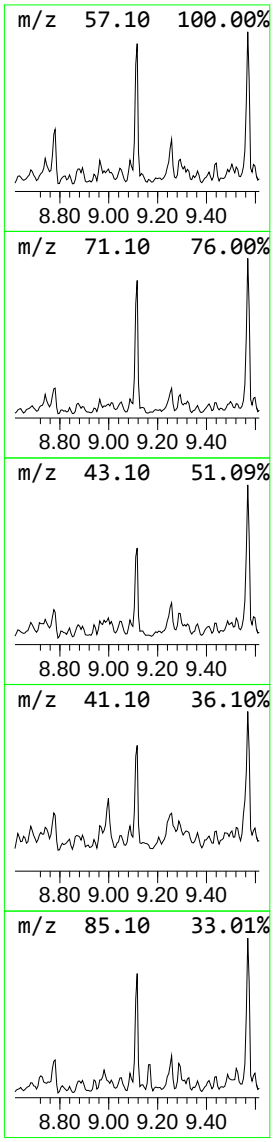
Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.116	47.47 ng	1515440	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59





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Misc :
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Instrument :
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ClientSampleId :
WC-14A-1A-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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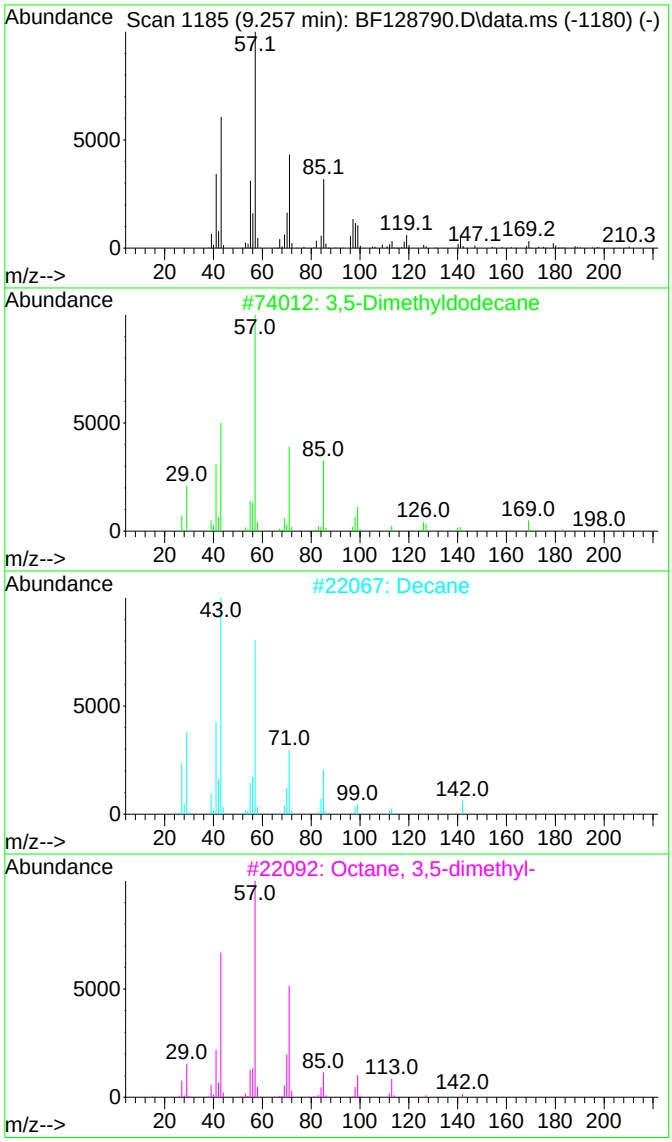
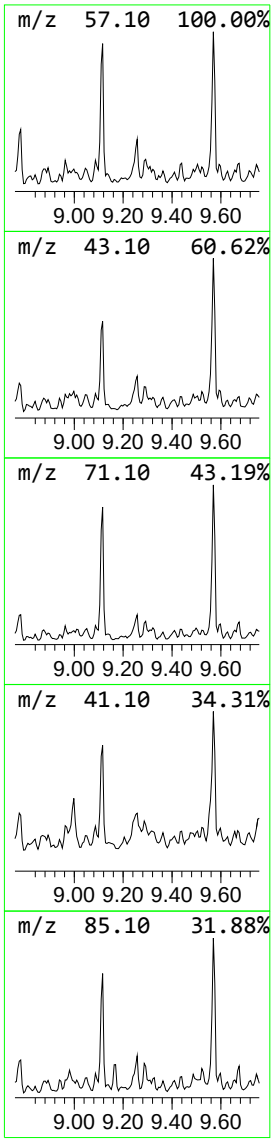
Peak Number 7 3,5-Dimethyldodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	25.24 ng	805610	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	81
2	Decane	142	C10H22	000124-18-5	70
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	60
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	59
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58





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

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

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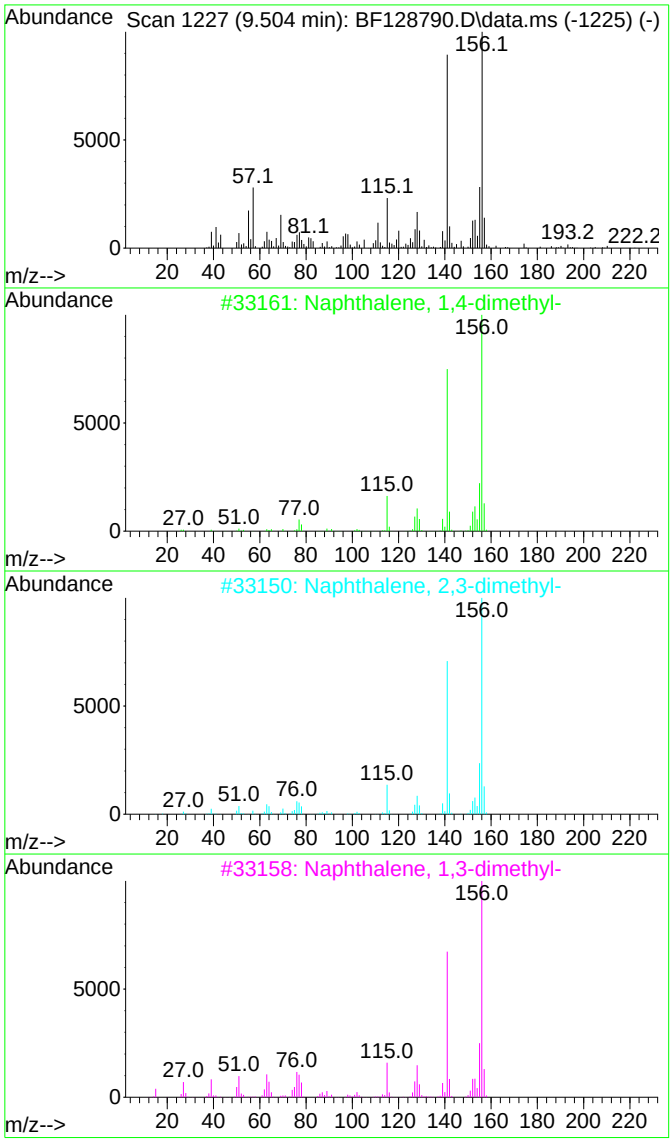
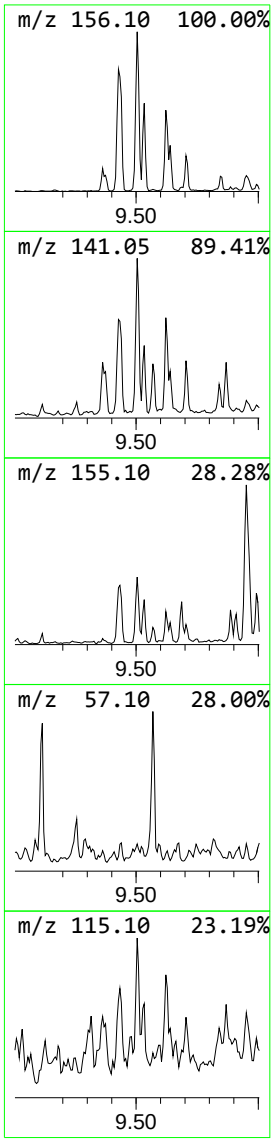
Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	16.34 ng	521633	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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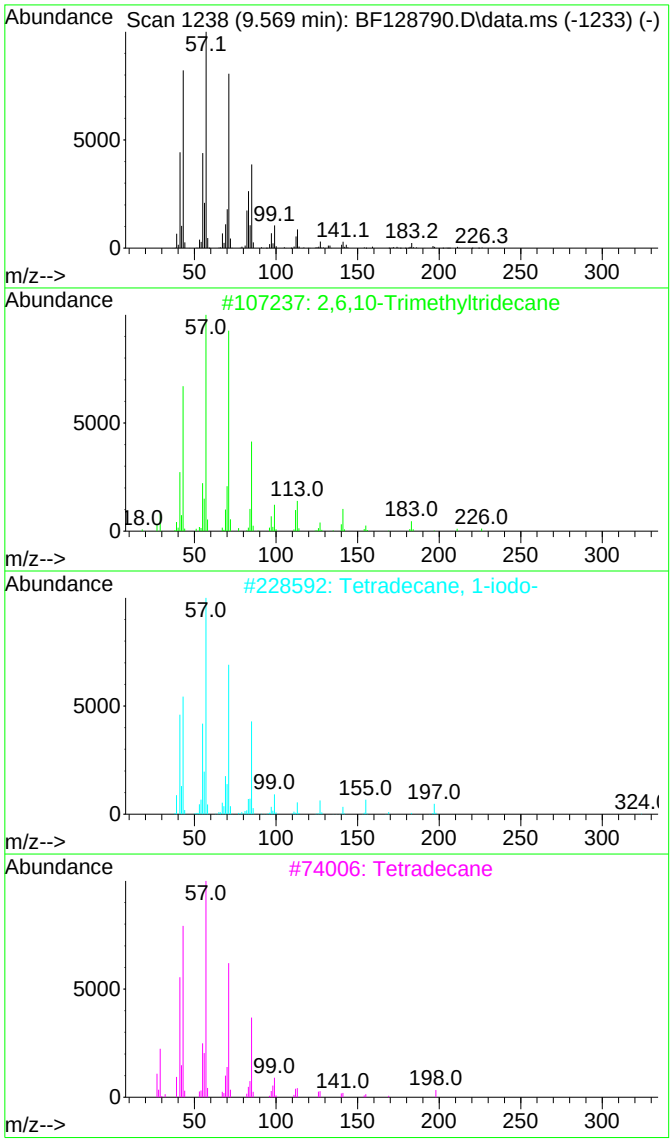
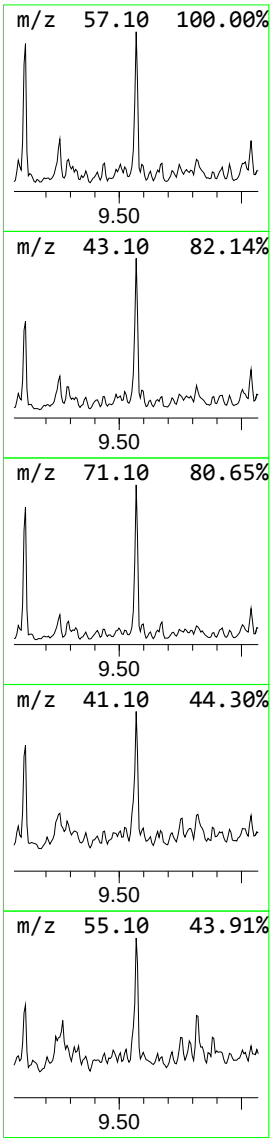
Peak Number 9 2,6,10-Trimethyltridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	79.30 ng	2531650	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	91
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3	Tetradecane	198	C14H30	000629-59-4	80
4	Eicosane	282	C20H42	000112-95-8	72
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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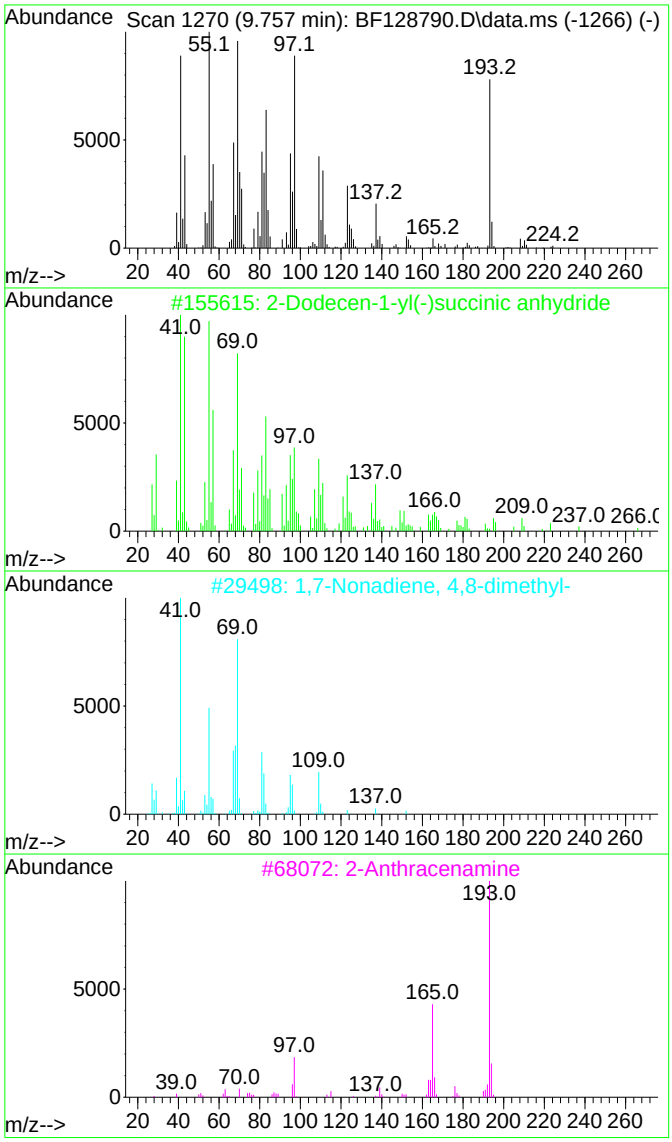
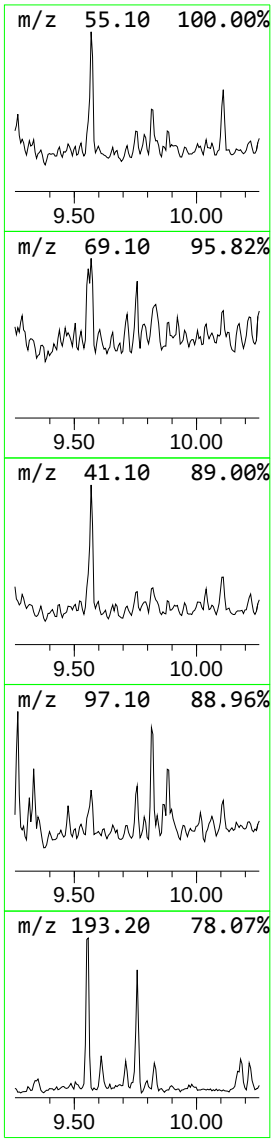
Peak Number 10 unknown9.757 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	15.92 ng	508129	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	49
2	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	41
3	2-Anthracenamine	193	C14H11N	000613-13-8	38
4	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	38
5	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	35





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ALS Vial : 16 Sample Multiplier: 1

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

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

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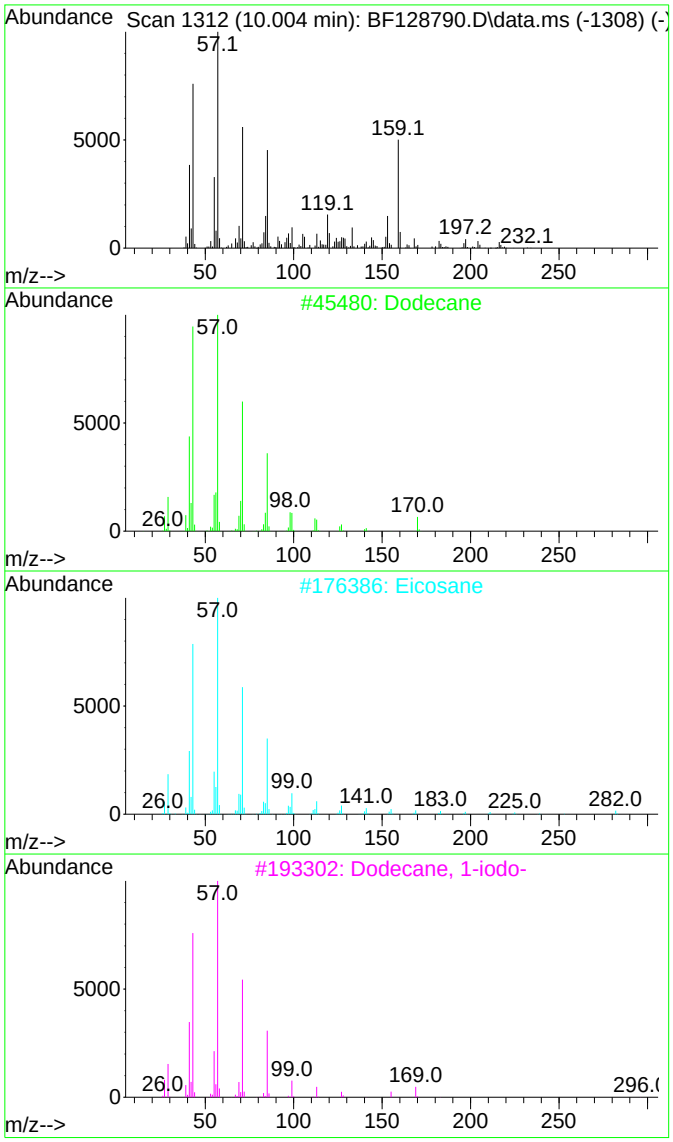
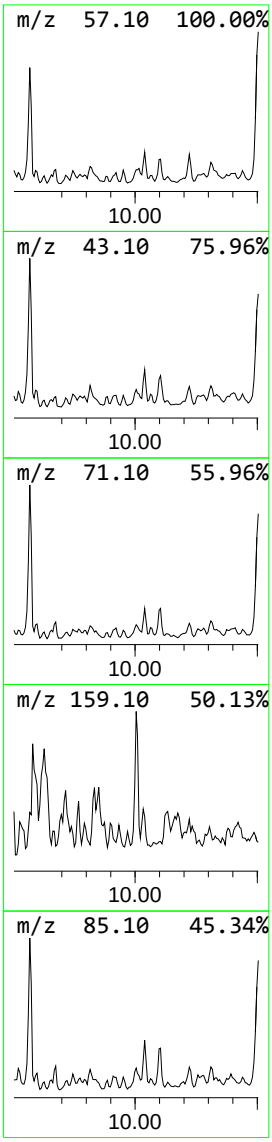
Peak Number 11 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.004	18.46 ng	589186	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	53
2	Eicosane	282	C20H42	000112-95-8	49
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	46
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	43
5	Decane, 5-propyl-	184	C13H28	017312-62-8	38





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Operator : CG\JU
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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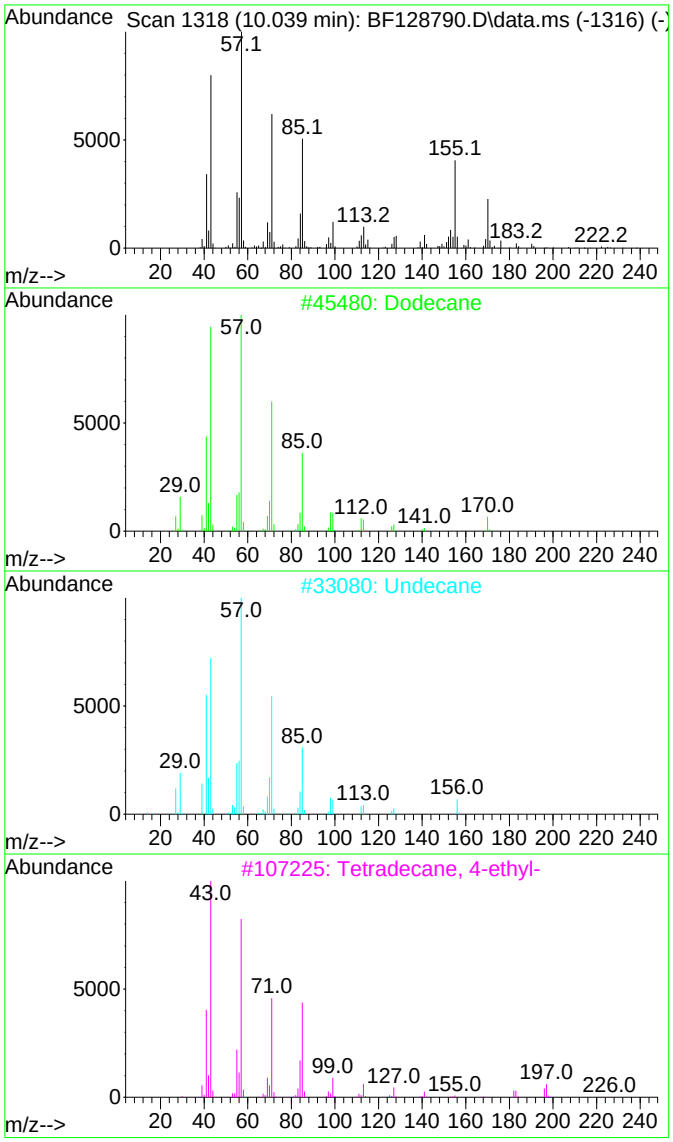
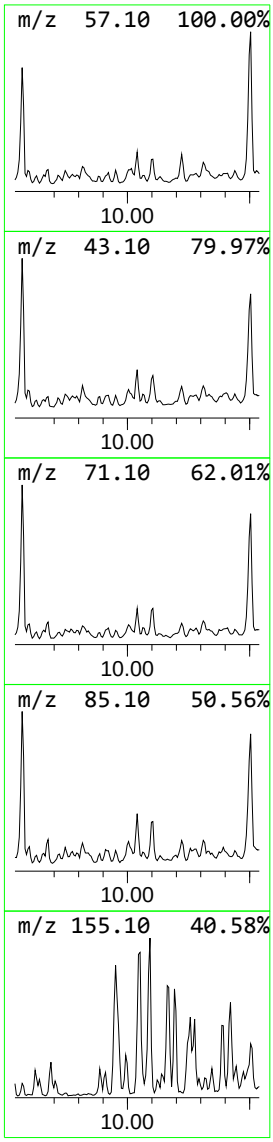
Peak Number 12 Undecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.039	20.21 ng	645286	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	74
2	Undecane	156	C11H24	001120-21-4	70
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	60
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	49





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

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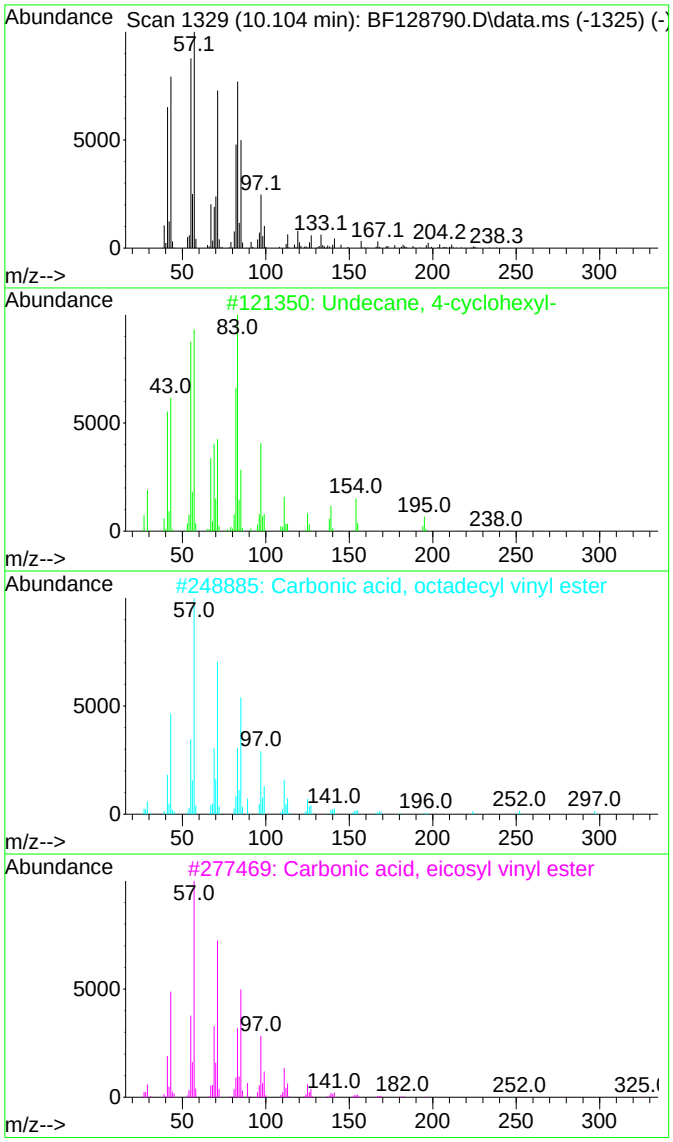
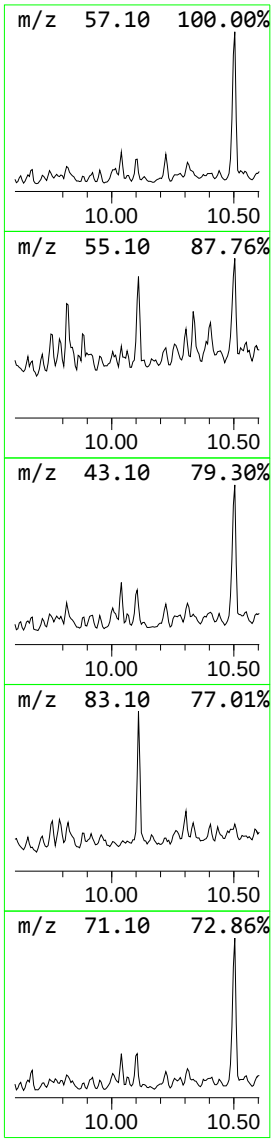
Peak Number 13 Undecane, 4-cyclohexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.104	39.85 ng	1272080	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	58
2	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	46
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	46
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	46
5	Tetratetracontane	619	C44H90	007098-22-8	43





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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

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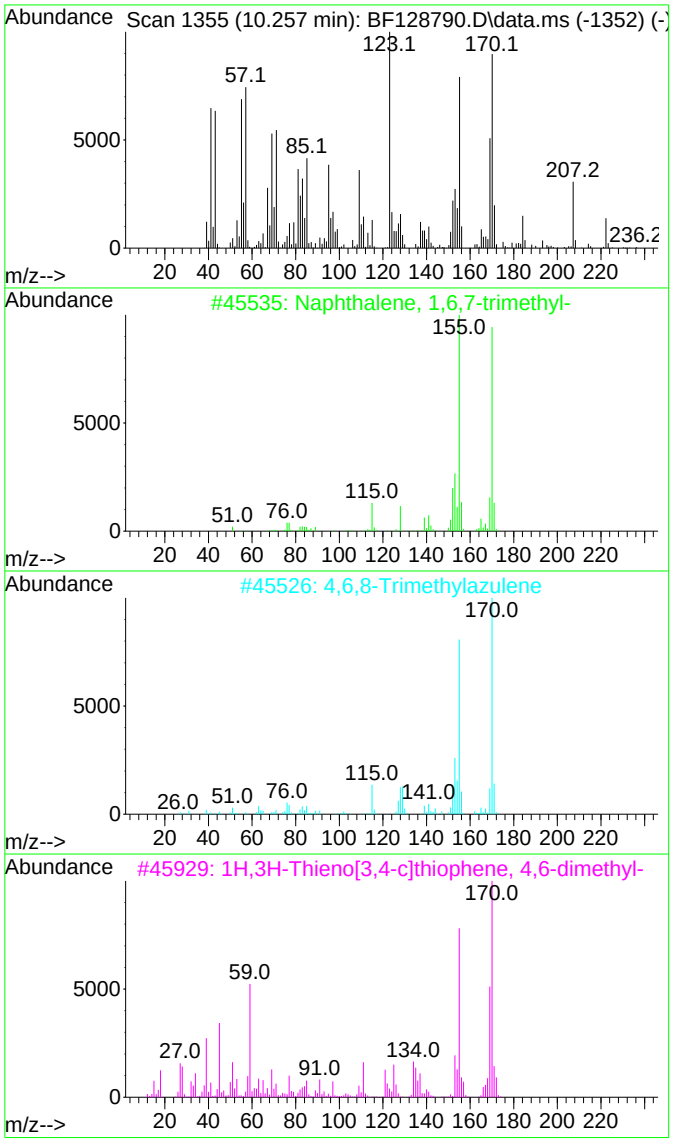
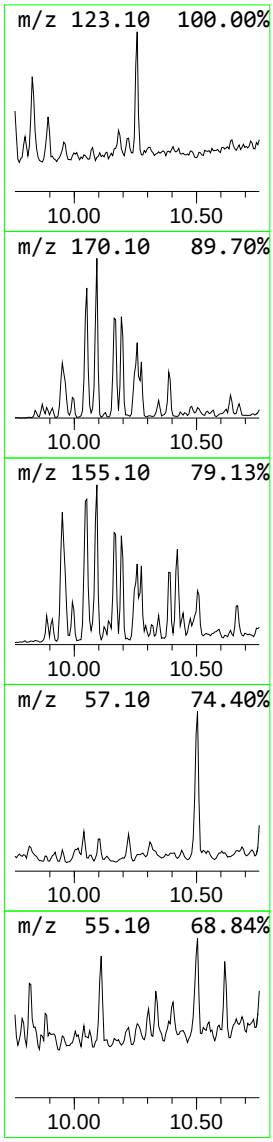
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	21.20 ng	676874	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	46
3	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	43
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	43
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	42





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ALS Vial : 16 Sample Multiplier: 1

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

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

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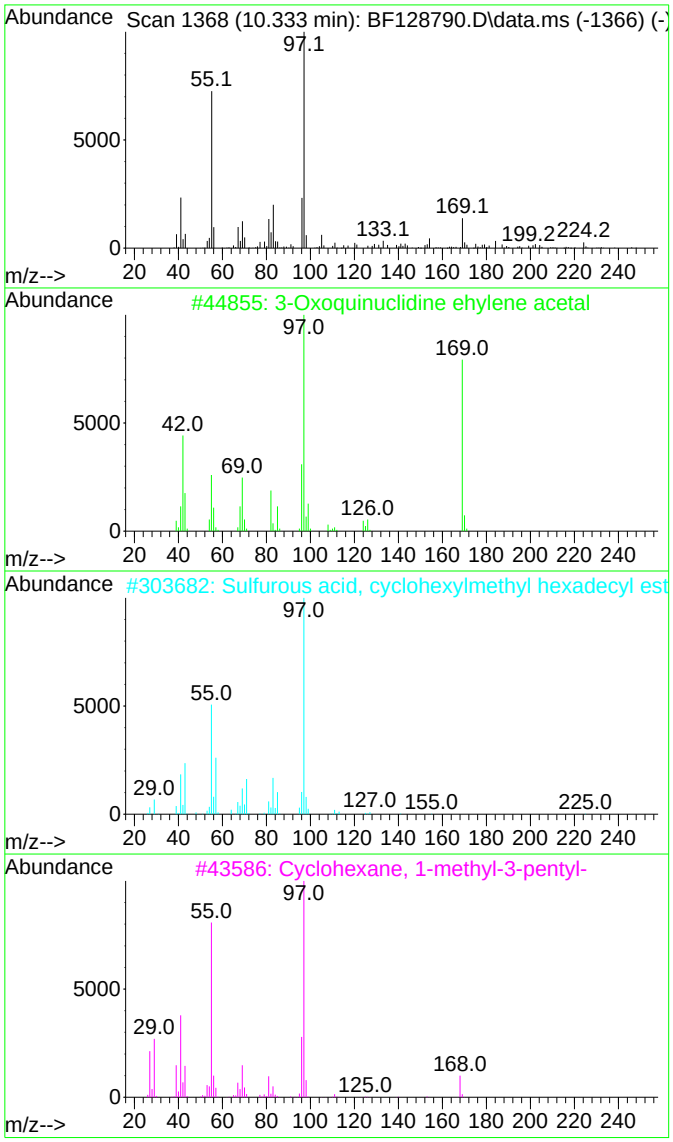
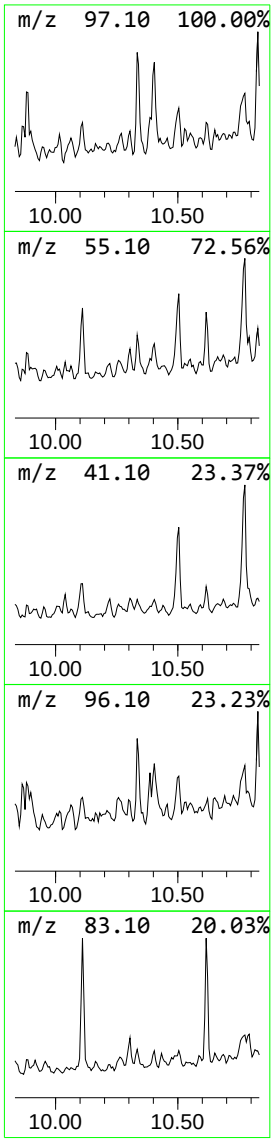
Peak Number 15 3-Oxoquinuclidine ehylene a... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	14.72 ng	469947	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxoquinuclidine ehylene acetal	169	C9H15NO2	1000311-39-5	59
2	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53
3	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	53
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	53
5	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1010309-22-7	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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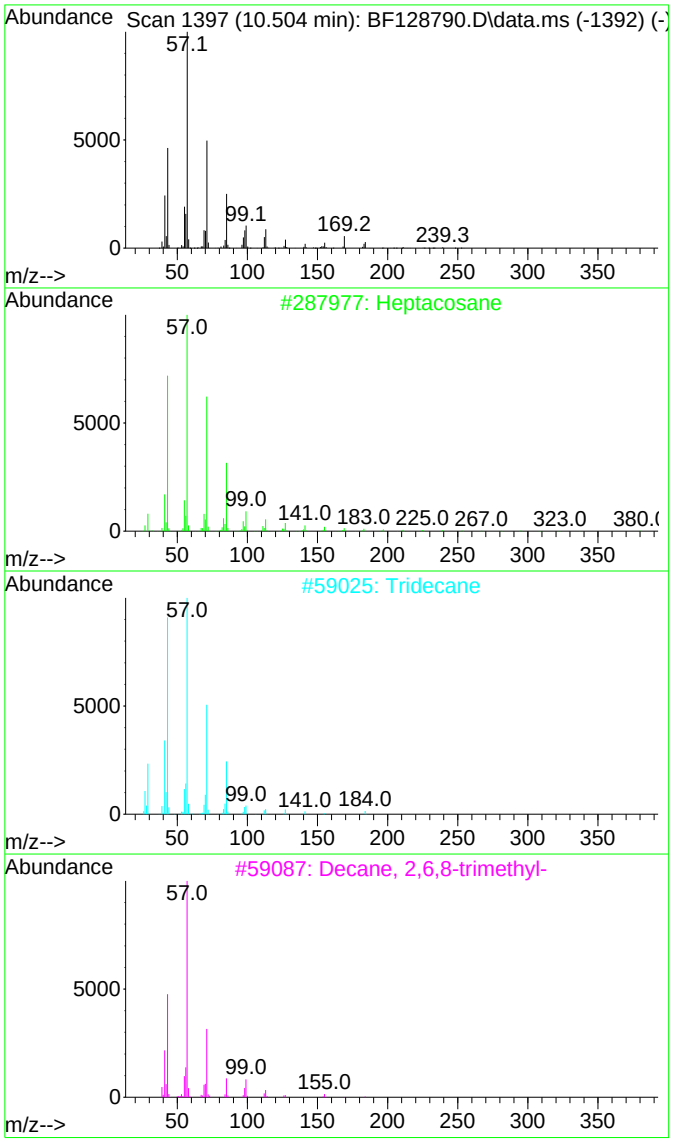
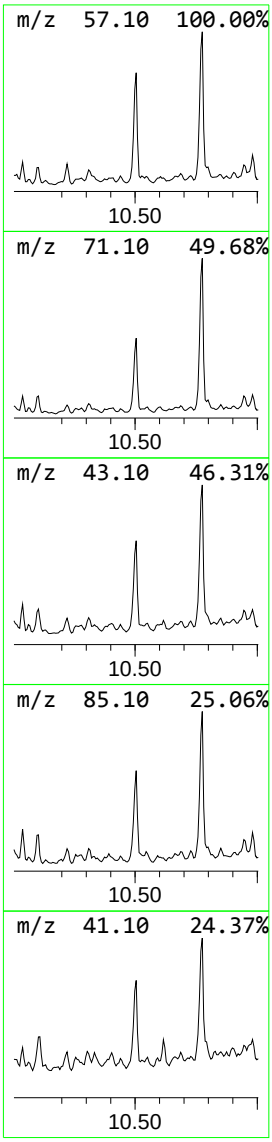
Peak Number 16 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.504	66.19 ng	2113180	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Tridecane	184	C13H28	000629-50-5	80
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4	Heneicosane	296	C21H44	000629-94-7	72
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72





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Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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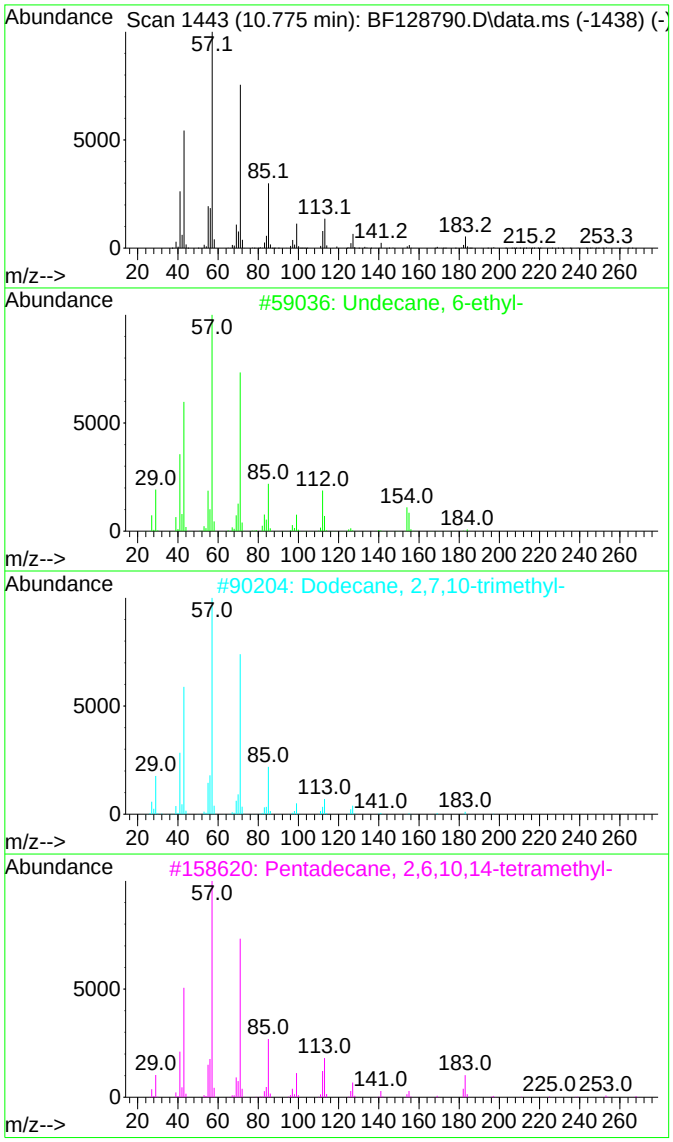
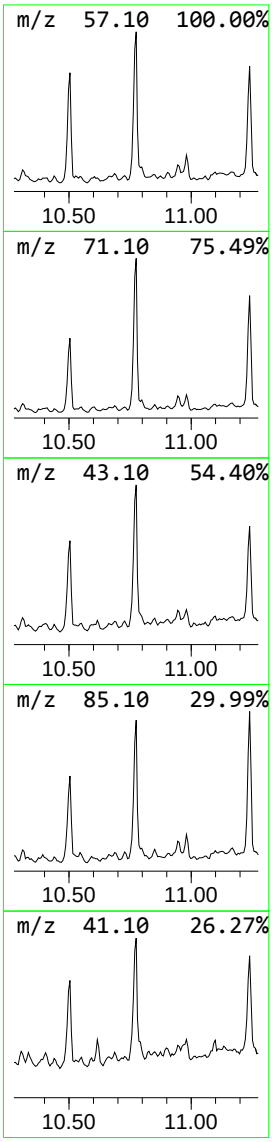
Peak Number 17 Undecane, 6-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.775	93.83 ng	3849930	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128790.D
Acq On : 13 Jun 2022 18:13
Operator : CG\JU
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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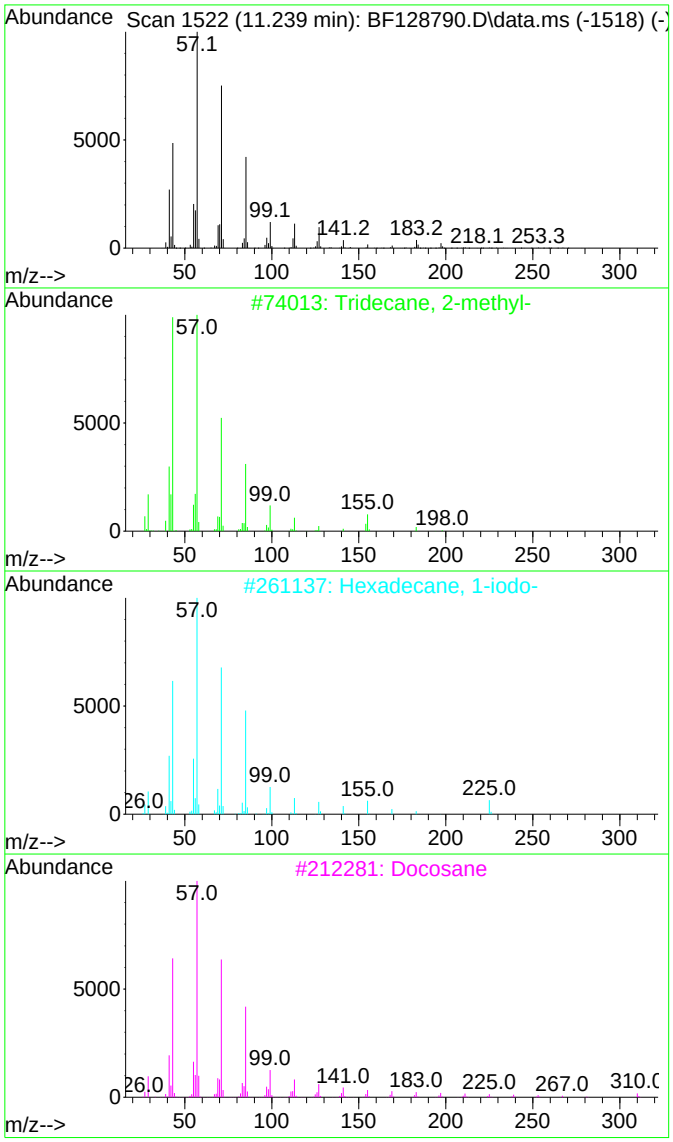
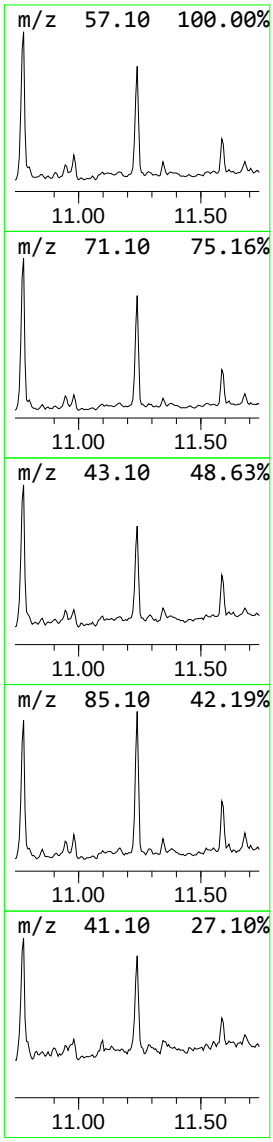
Peak Number 18 Tridecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	65.97 ng	2706870	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3	Docosane	310	C22H46	000629-97-0	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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Data File : BF128790.D
Acq On : 13 Jun 2022 18:13
Operator : CG\JU
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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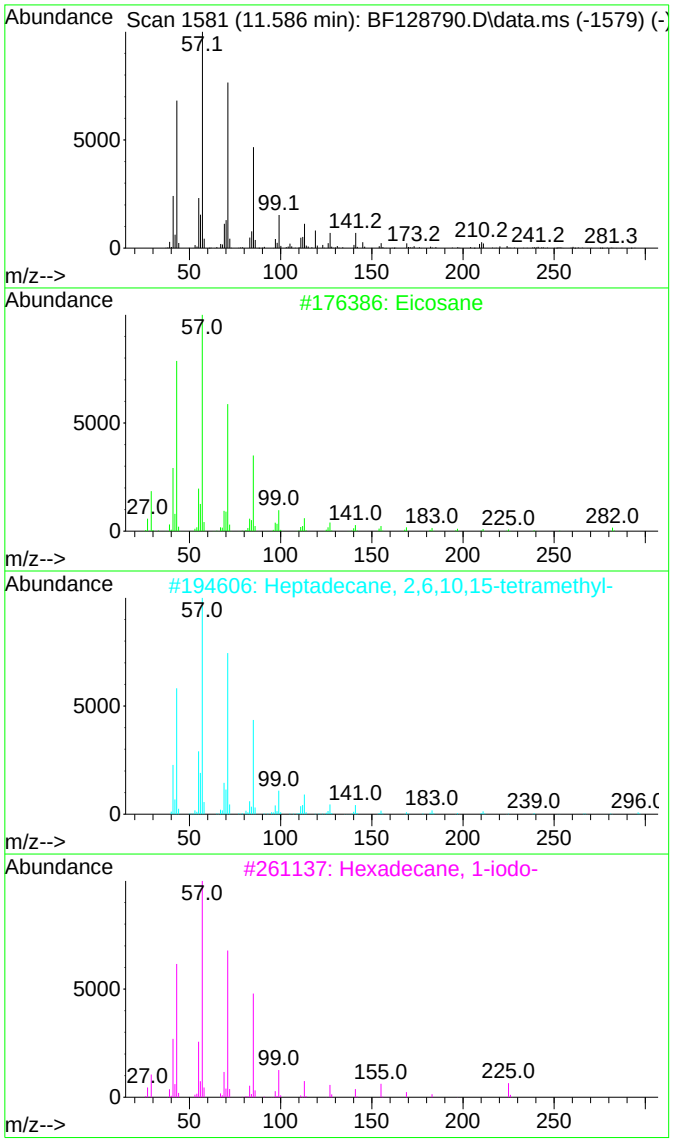
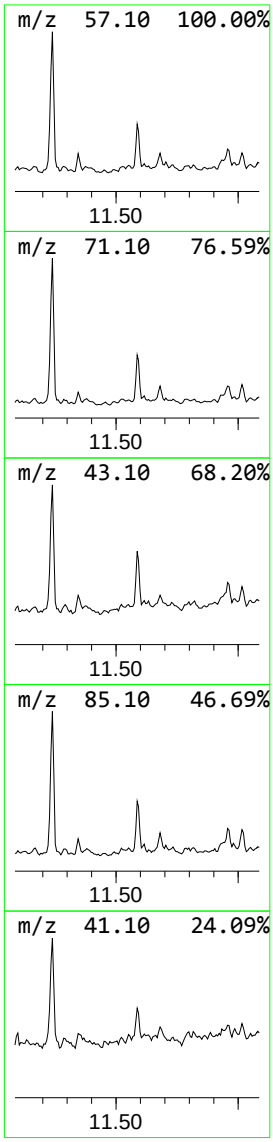
Peak Number 19 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.586	17.75 ng	728419	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128790.D
Acq On : 13 Jun 2022 18:13
Operator : CG\JU
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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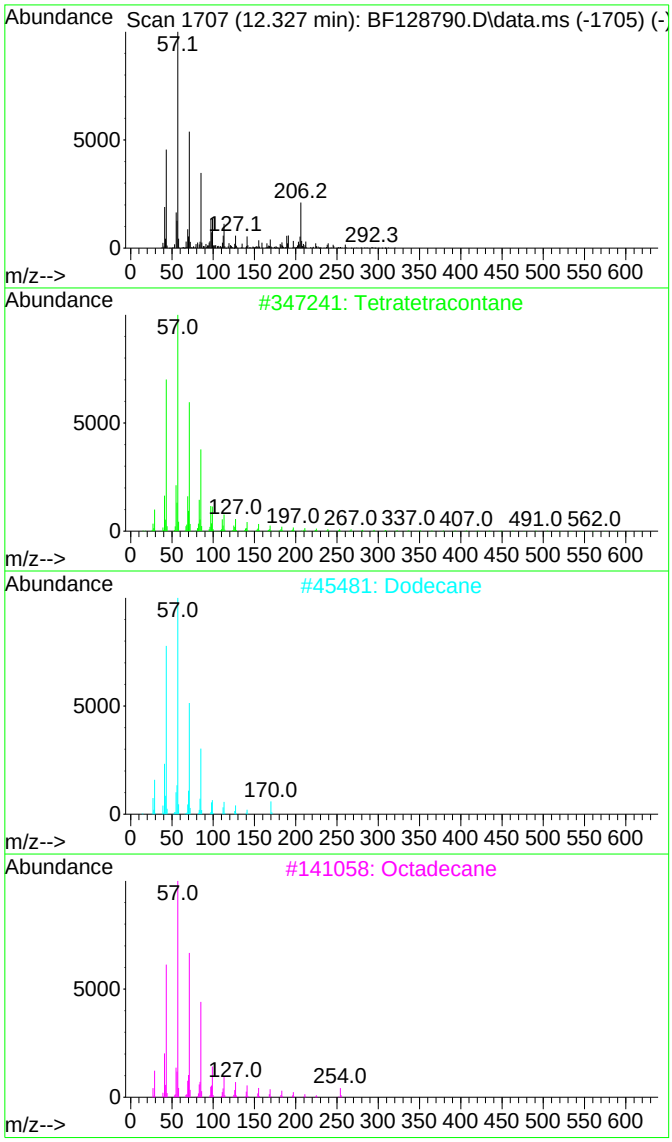
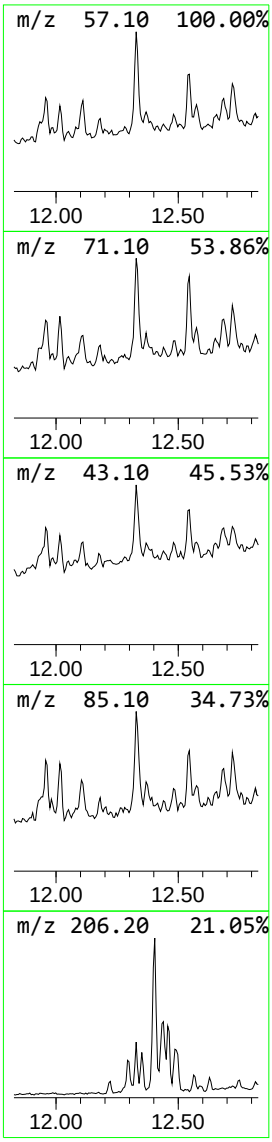
Peak Number 20 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.328	22.87 ng	938525	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	72
2	Dodecane	170	C12H26	000112-40-3	70
3	Octadecane	254	C18H38	000593-45-3	64
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	58
5	Pentadecane	212	C15H32	000629-62-9	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128790.D
Acq On : 13 Jun 2022 18:13
Operator : CG\JU
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.046	6.046	14.8	ng	816800	1	6.804	1101870	20.0
Undecane, 2,6-d...	8.151	21.6	ng	1481820	2	8.087	1371540	20.0
Cyclohexane, (4...	8.381	21.5	ng	1473770	2	8.087	1371540	20.0
Decane, 2,6,7-t...	8.510	23.8	ng	1631130	2	8.087	1371540	20.0
Cyclohexane, pr...	8.998	26.6	ng	847979	3	9.845	638476	20.0
Dodecane, 2,6,1...	9.116	47.5	ng	1515440	3	9.845	638476	20.0
3,5-Dimethyldod...	9.257	25.2	ng	805610	3	9.845	638476	20.0
Naphthalene, 1,...	9.504	16.3	ng	521633	3	9.845	638476	20.0
2,6,10-Trimethy...	9.569	79.3	ng	2531650	3	9.845	638476	20.0
unknown9.757	9.757	15.9	ng	508129	3	9.845	638476	20.0
Dodecane	10.004	18.5	ng	589186	3	9.845	638476	20.0
Undecane	10.039	20.2	ng	645286	3	9.845	638476	20.0
Undecane, 4-cyc...	10.104	39.9	ng	1272080	3	9.845	638476	20.0
Naphthalene, 1,...	10.257	21.2	ng	676874	3	9.845	638476	20.0
3-Oxoquinuclidi...	10.334	14.7	ng	469947	3	9.845	638476	20.0
Heptacosane	10.504	66.2	ng	2113180	3	9.845	638476	20.0
Undecane, 6-ethyl-	10.775	93.8	ng	3849930	4	11.339	820634	20.0
Tridecane, 2-me...	11.239	66.0	ng	2706870	4	11.339	820634	20.0
Eicosane	11.586	17.8	ng	728419	4	11.339	820634	20.0
Tetratetracontane	12.328	22.9	ng	938525	4	11.339	820634	20.0