LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128917.D
Acq On : 22 Jun 2022 00:48
Operator : CG\JU
Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-2-061722

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: BF128917.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.728	241	245	253	rVB	12977	18933	1.89%	0.139%
2	5.393	524	528	536	rBV	181346	199618	19.94%	1.466%
3	6.416	699	702	711	rVB	196310	200566	20.04%	1.473%
4	6.751	755	759	765	rVB	941629	742849	74.22%	5.457%
5	6.928	785	789	792	rVB4	14638	17035	1.70%	0.125%
6	7.016	800	804	809	rBV3	20750	27881	2.79%	0.205%
7	7.146	823	826	828	rBV4	15449	13948	1.39%	0.102%
8	7.175	828	831	837	rVB5	12545	15719	1.57%	0.115%
9	7.228	837	840	844	rBV3	9422	13544	1.35%	0.099%
10	7.275	844	848	852	rBV5	19683	36428	3.64%	0.268%
11	7.316	852	855	859	rVV	170801	138557	13.84%	1.018%
12	7.346	859	860	864	rVB2	20955	17666	1.76%	0.130%
13	7.398	864	869	872	rVB5	28908	44454	4.44%	0.327%
14	7.440	872	876	879	rBV5	17725	28139	2.81%	0.207%
15	7.534	889	892	893	rBV2	19575	18137	1.81%	0.133%
16	7.557	893	896	899	rVB3	45286	38774	3.87%	0.285%
17	7.669	913	915	920	rVB4	40745	37326	3.73%	0.274%
18	7.751	925	929	931	rBV5	16347	15676	1.57%	0.115%
19	7.775	931	933	934	rBV	18362	15497	1.55%	0.114%
20	7.857	943	947	951	rVB5	27048	36973	3.69%	0.272%
21	7.910	952	956	959	rBV3	34334	49474	4.94%	0.363%
22	7.940	959	961	965	rVV5	22749	20311	2.03%	0.149%
23	7.981	965	968	972	rVV5	26308	47490	4.74%	0.349%
24	8.040	972	978	980	rVV	1021837	977825	97.69%	7.183%
25	8.063	980	982	983	rVV2	54125	43696	4.37%	0.321%
26	8.098	983	988	990	rVV2	81134	100766	10.07%	0.740%
27	8.122	990	992	996	rVV3	42588	44658	4.46%	0.328%
28	8.210	1000	1007	1009	rBV6	39345	74823	7.48%	0.550%
29	8.240	1009	1012	1014	rVB3	95328	87125	8.70%	0.640%
30	8.322	1022	1026	1031	rBV7	56725	94650	9.46%	0.695%
31	8.381	1034	1036	1038	rBV2	34901	32508	3.25%	0.239%
32	8.416	1040	1042	1045	rVB4	51755	57883	5.78%	0.425%
33	8.457	1045	1049	1051	rBV	143363	130950	13.08%	0.962%
34	8.475	1051	1052	1054	rVV2	85165	51935	5.19%	0.382%
35	8.498	1054	1056	1059	rVB4	39206	37962	3.79%	0.279%
36	8.540	1060	1063	1065	rVB2	71504	54008	5.40%	0.397%

LSC Area Percent Report

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Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-2-061722

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	8.575	1065	1069	1071	rBV2	126903	129612	12.95%	0.952%
38	8.628	1075	1078	1080	rBV2	64947	71721	7.17%	0.527%
39	8.645	1080	1081	1086	rVB4	38847	44316	4.43%	0.326%
40	8.781	1100	1104	1107	rBV4	66502	80489	8.04%	0.591%
41	8.810	1107	1109	1112	rVV4	48580	67082	6.70%	0.493%
42	8.857	1115	1117	1119	rVB2	69584	54420	5.44%	0.400%
43	8.910	1124	1126	1129	rBV3	58853	64395	6.43%	0.473%
44	8.981	1135	1138	1140	rBV3	43747	52876	5.28%	0.388%
45	9.028	1143	1146	1148	rVB3	66928	67393	6.73%	0.495%
46	9.057	1148	1151	1155	rBV2	263294	264242	26.40%	1.941%
47	9.110	1157	1160	1165	rVB	310640	271008	27.08%	1.991%
48	9.192	1170	1174	1178	rBV3	222364	248205	24.80%	1.823%
49	9.234	1178	1181	1182	rBV3	48285	49687	4.96%	0.365%
50	9.310	1192	1194	1196	rBV3	44395	32355	3.23%	0.238%
51	9.381	1204	1206	1208	rVB3	77955	55595	5.55%	0.408%
52	9.422	1211	1213	1215	rVB2	60030	45290	4.52%	0.333%
53	9.445	1215	1217	1220	rBV2	111771	110040	10.99%	0.808%
54	9.475	1220	1222	1223	rVV2	87644	59035	5.90%	0.434%
55	9.492	1223	1225	1227	rVV	151140	161876	16.17%	1.189%
56	9.510	1227	1228	1231	rVB2	307570	199589	19.94%	1.466%
57	9.540	1231	1233	1235	rBV2	52898	39846	3.98%	0.293%
58	9.657	1250	1253	1257	rBV6	135287	174026	17.39%	1.278%
59	9.698	1257	1260	1262	rVV	177337	141621	14.15%	1.040%
60	9.722	1262	1264	1268	rVB2	91685	92556	9.25%	0.680%
61	9.792	1268	1276	1278	rBV	1067739	1000930	100.00%	7.353%
62	9.828	1280	1282	1290	rVB8	103572	178593	17.84%	1.312%
63	9.892	1290	1293	1298	rVB2	136023	162696	16.25%	1.195%
64	9.939	1298	1301	1305	rBV4	63167	118260	11.82%	0.869%
65	9.992	1306	1310	1314	rVB4	124731	146074	14.59%	1.073%
66	10.034	1314	1317	1327	rVB4	203426	310621	31.03%	2.282%
67	10.110	1327	1330	1332	rBV	183086	201439	20.13%	1.480%
68	10.192	1341	1344	1346	rBV3	144434	173758	17.36%	1.276%
69	10.216	1346	1348	1351	rVB3	127993	106522	10.64%	0.782%
70	10.245	1351	1353	1356	rBV3	61796	59153	5.91%	0.435%
71	10.334	1365	1368	1370	rBV2	115416	128080	12.80%	0.941%
72	10.439	1384	1386	1391	rVB2	216747	248546	24.83%	1.826%
73	10.486	1392	1394	1399	rVB3	122355	163494	16.33%	1.201%
74	10.557	1404	1406	1408	rBV3	65201	45177	4.51%	0.332%
75	10.581	1408	1410	1413	rBV3	131379	120473	12.04%	0.885%
76	10.704	1427	1431	1434	rBV	455945	456576	45.62%	3.354%

LSC Area Percent Report

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Operator : CG\JU
Sample : N3390-01 10X
Misc :
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Instrument :
BNA_F
ClientSampleId :
PT-2-061722

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
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Peak separation: 5

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

77	10.781	1441	1444	1445	rBV	69624	56328	5.63%	0.414%
78	11.169	1507	1510	1515	rVB2	306377	352772	35.24%	2.591%
79	11.275	1525	1528	1531	rBV	790687	743039	74.23%	5.458%
80	11.298	1531	1532	1536	rVB	149986	119540	11.94%	0.878%
81	11.516	1566	1569	1573	rBV3	120196	140006	13.99%	1.028%
82	11.886	1630	1632	1635	rVB2	91093	81910	8.18%	0.602%
83	11.975	1645	1647	1650	rBV4	48778	43751	4.37%	0.321%
84	12.257	1692	1695	1697	rBV	71027	64897	6.48%	0.477%
85	12.328	1704	1707	1710	rBV2	88600	91601	9.15%	0.673%
86	12.492	1732	1735	1738	rBV	222511	172495	17.23%	1.267%
87	12.722	1771	1774	1780	rVB	203334	239398	23.92%	1.759%
88	12.857	1795	1797	1805	rVB	223817	252855	25.26%	1.857%
89	13.922	1974	1978	1981	rBV	676493	670262	66.96%	4.924%
90	13.945	1981	1982	1985	rVB	94415	54877	5.48%	0.403%
91	14.945	2150	2152	2156	rBV	75961	79042	7.90%	0.581%
92	15.239	2200	2202	2206	rVB	55896	60358	6.03%	0.443%
93	15.304	2210	2213	2217	rVV	86297	102881	10.28%	0.756%
94	15.363	2219	2223	2235	rVB	392599	505693	50.52%	3.715%

Sum of corrected areas: 13613156

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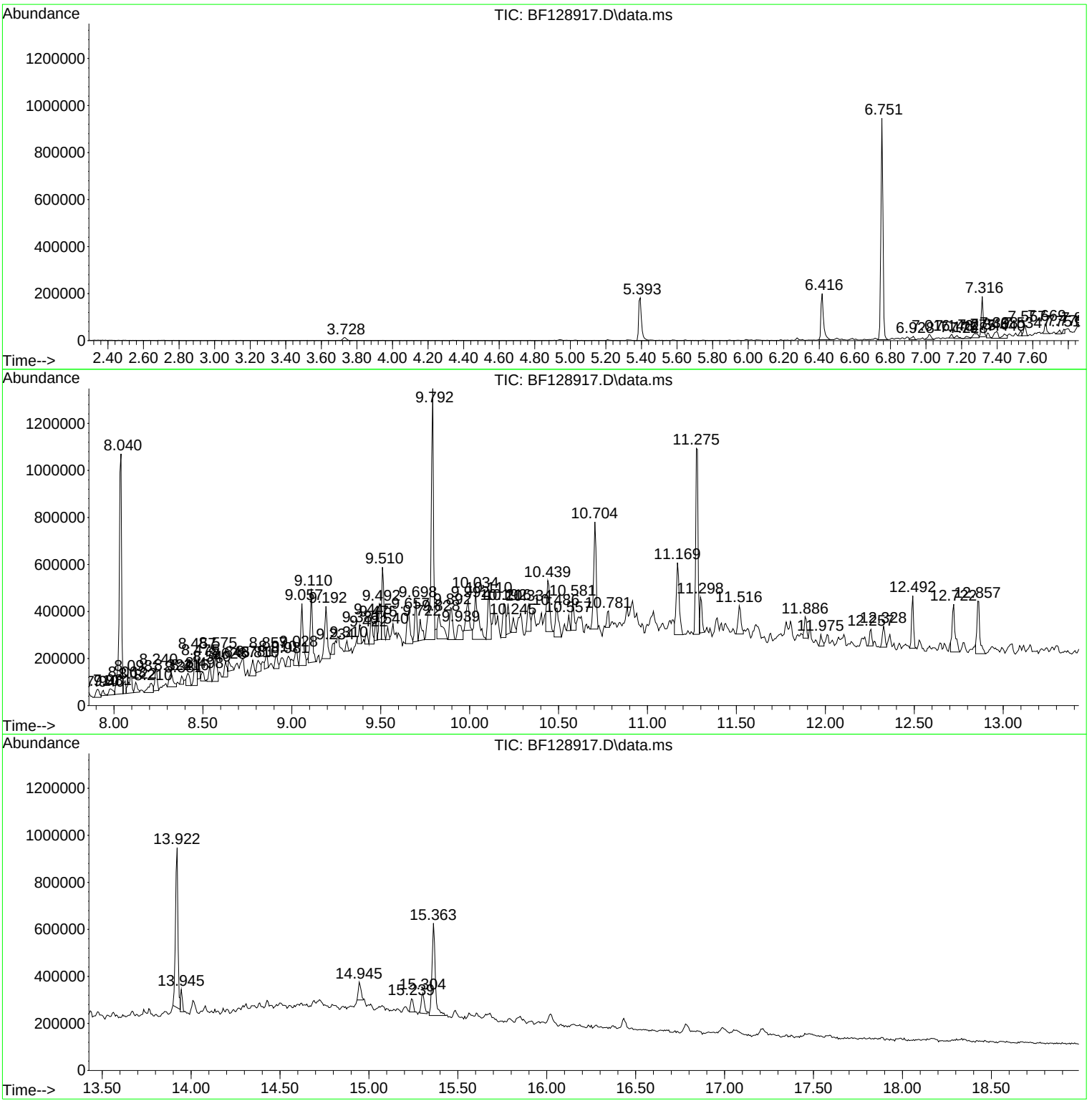
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-2-061722

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\BF062122\
Data File : BF128917.D
Acq On : 22 Jun 2022 00:48
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

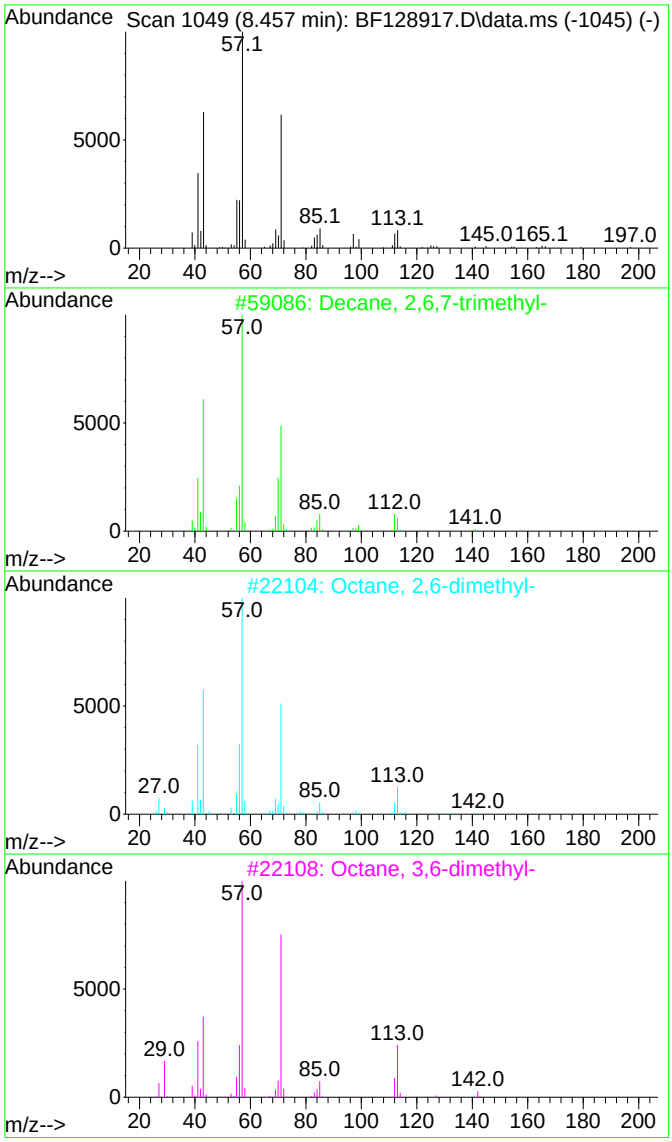
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

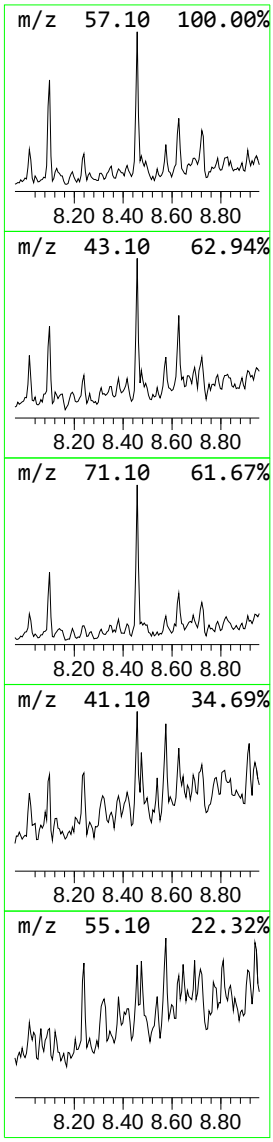
****

Peak Number 1 Decane, 2,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.457	2.68 ng	130950	Naphthalene-d8	8.040

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128917.D
Acq On : 22 Jun 2022 00:48
Operator : CG\JU
Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-2-061722

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

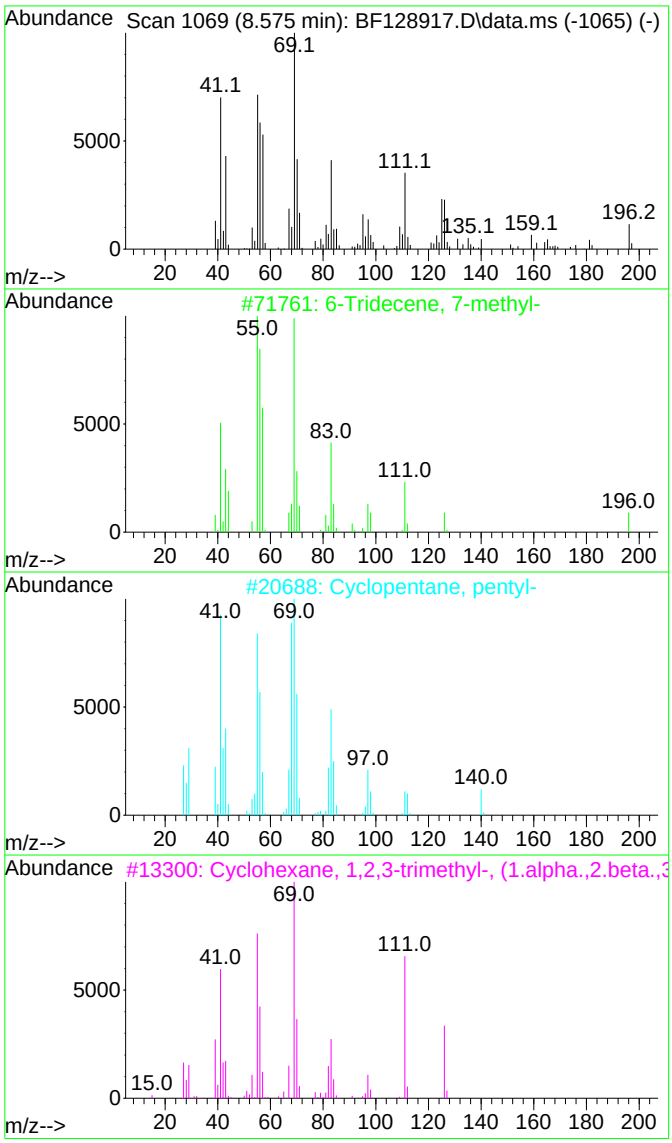
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

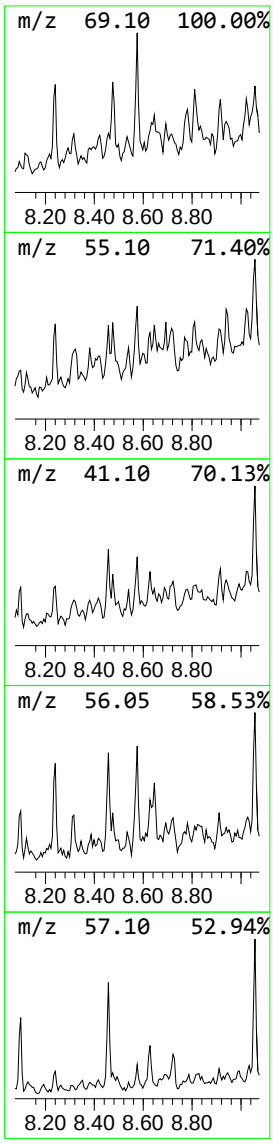
****

Peak Number 2 6-Tridecene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	2.65 ng	129612	Naphthalene-d8	8.040

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	93
2	Cyclopentane, pentyl-	140	C10H20	003741-00-2	76
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	58
4	Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	58
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58





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

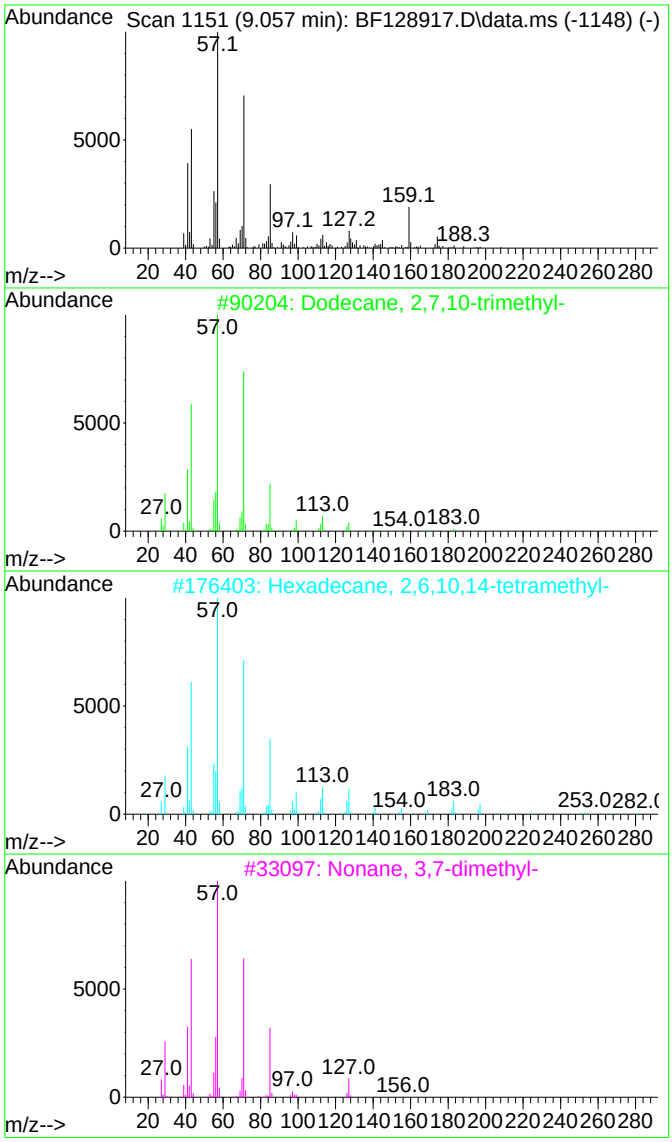
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

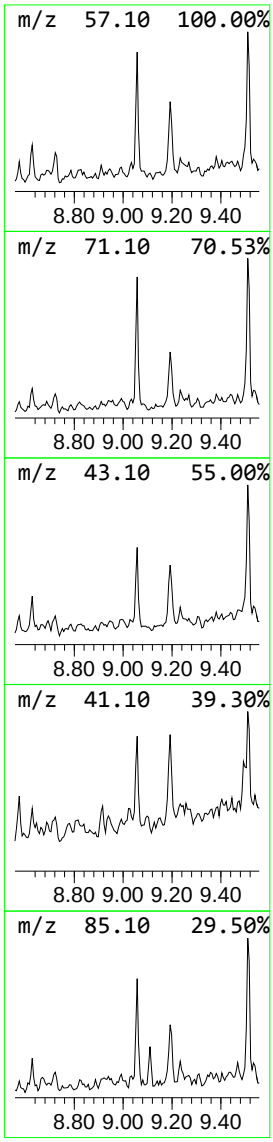
****

Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.057	5.28 ng	264242	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	68
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
4	Octane, 2-methyl-	128	C9H20	003221-61-2	58
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	49





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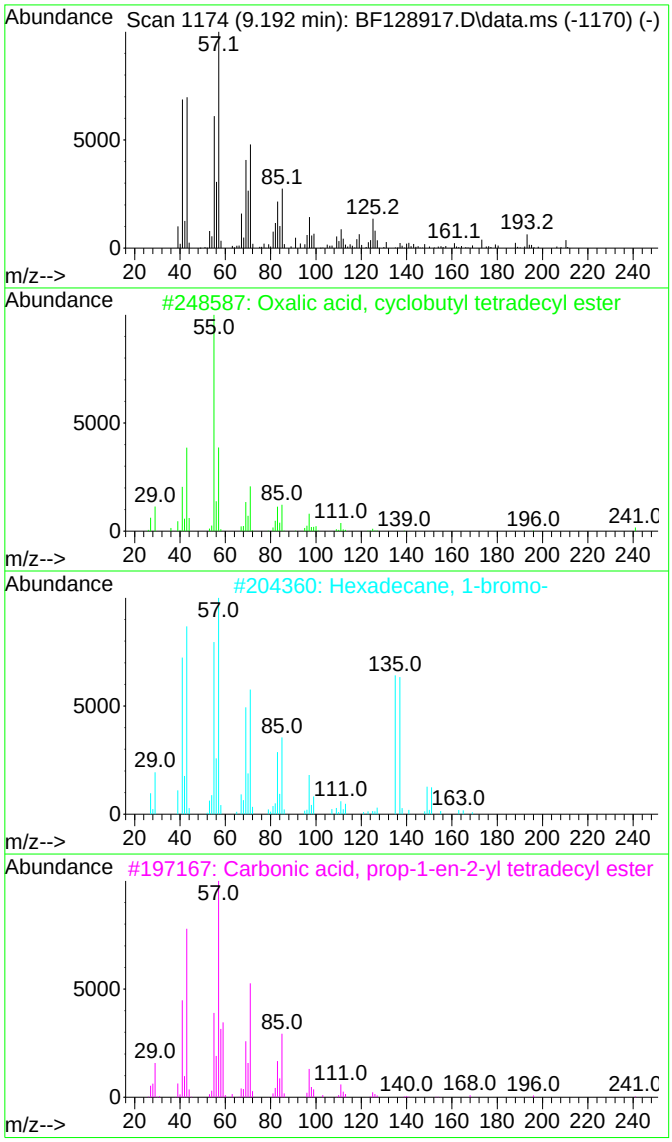
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

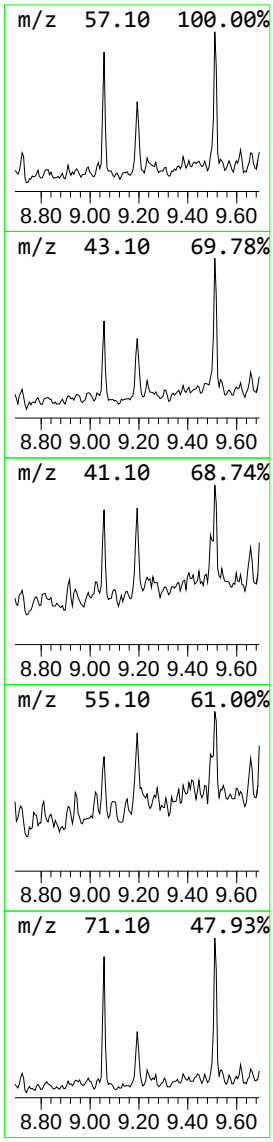
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Oxalic acid, cyclobutyl tet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	4.96 ng	248205	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	80
2	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	74
3	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	72
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	58
5	2,2,9-Trimethyldec-5-ene-3,8-dione	210	C13H22O2	083040-81-7	53





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Data File : BF128917.D
Acq On : 22 Jun 2022 00:48
Operator : CG\JU
Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-2-061722

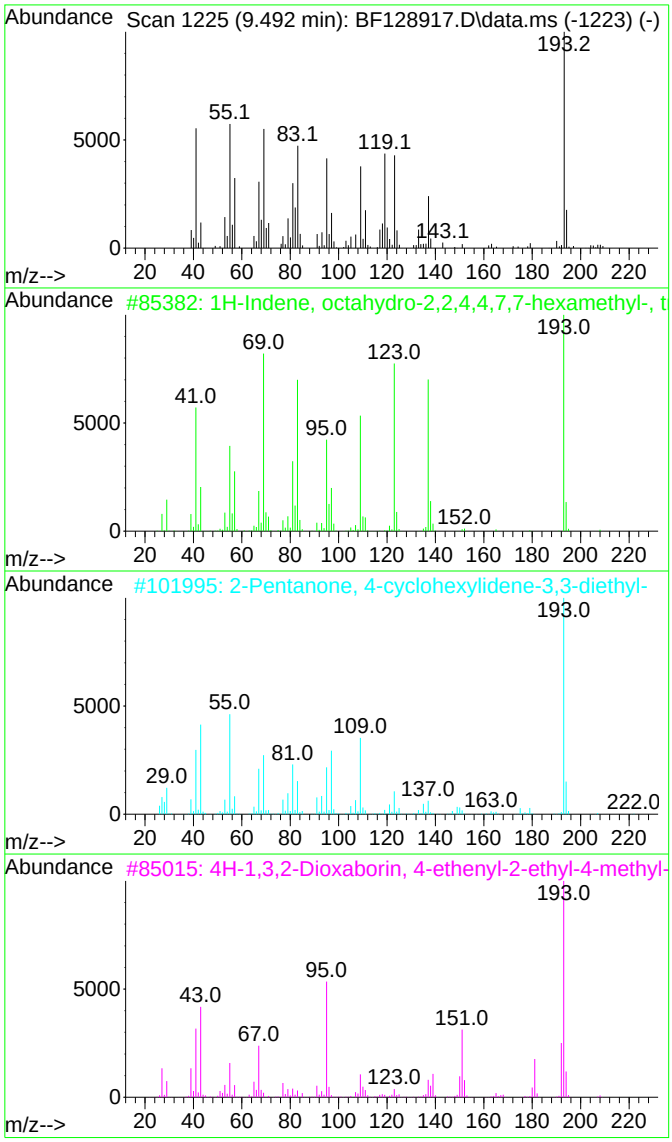
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

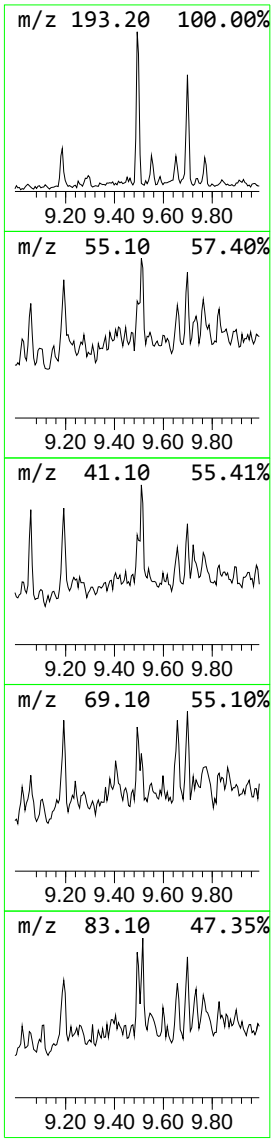
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, octahydro-2,2,4,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	3.23 ng	161876	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	52
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
3	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	35
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	32
5	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	32





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Acq On : 22 Jun 2022 00:48
Operator : CG\JU
Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-2-061722

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

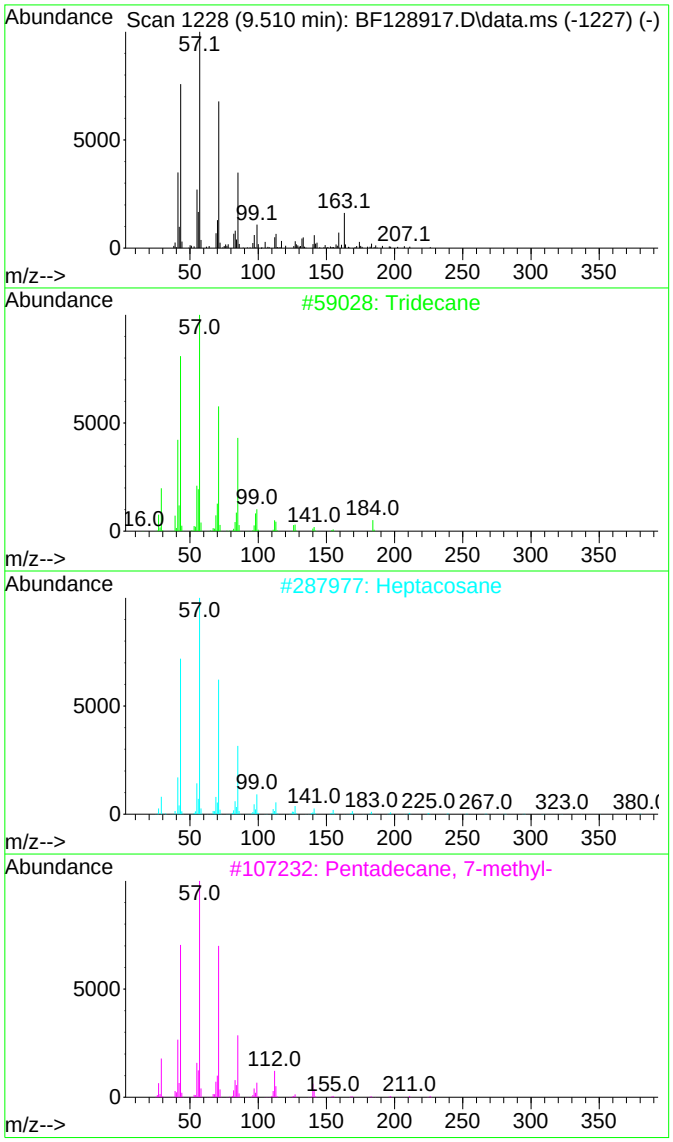
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

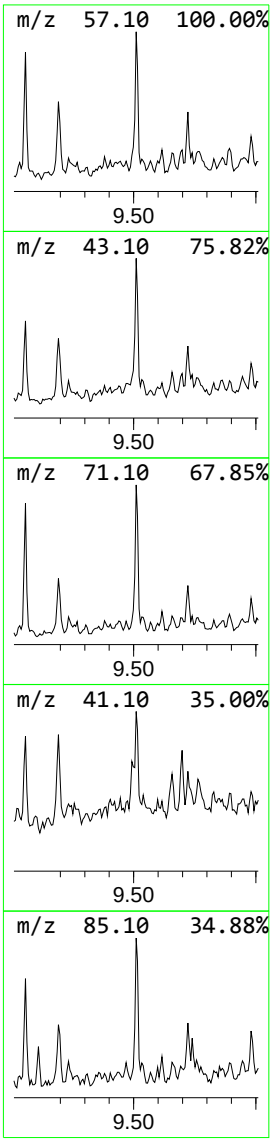
****

Peak Number 6 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	3.99 ng	199589	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Heptacosane	380	C27H56	000593-49-7	64
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	62
4	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	58
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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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

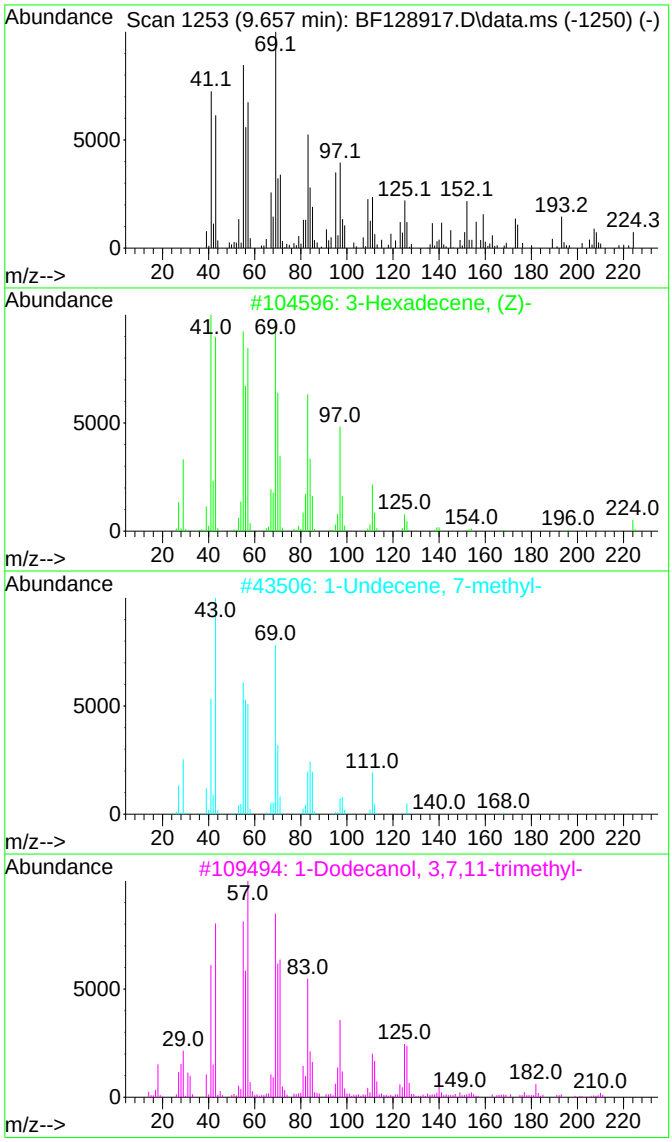
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

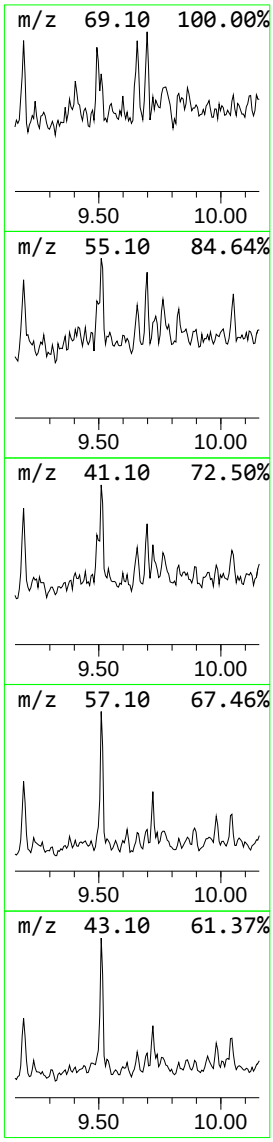
****

Peak Number 7 3-Hexadecene, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	3.48 ng	174026	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	83
2	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	64
3	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	64
4	4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	58
5	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	45





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Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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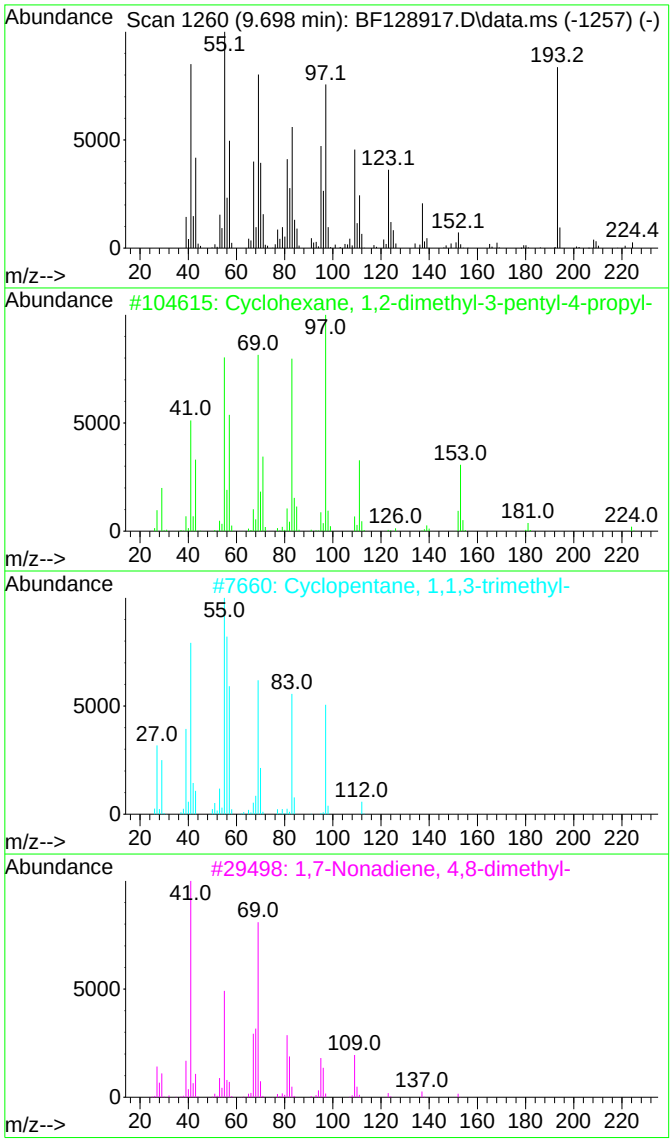
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

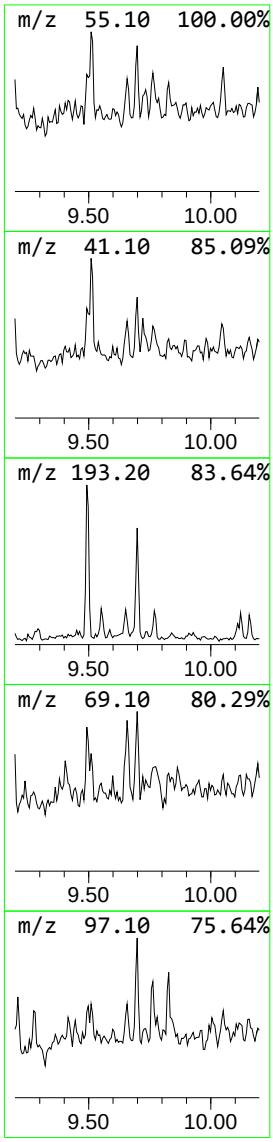
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	2.83 ng	141621	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	60
2	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	42
3	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	30
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	14
5	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	14





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Operator : CG\JU
Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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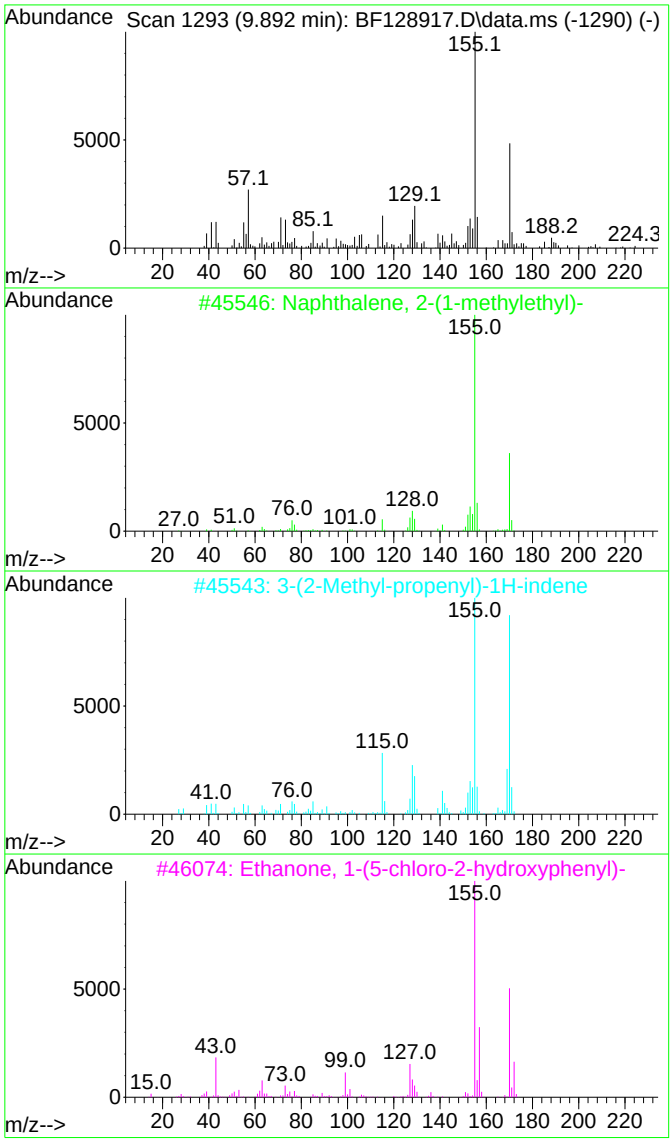
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

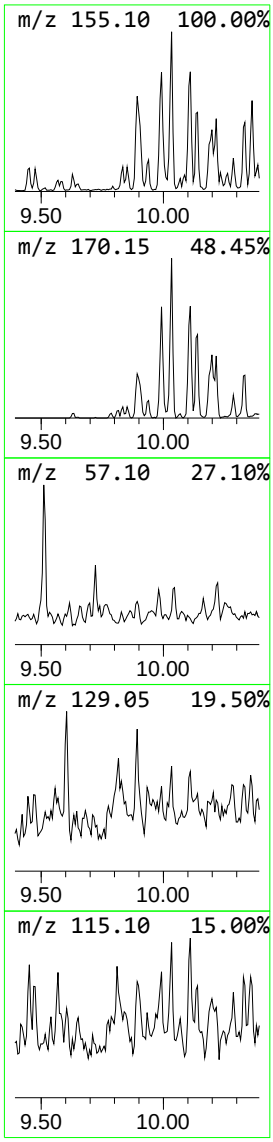
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.892	3.25 ng	162696	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
3	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
5	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	58





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Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PT-2-061722

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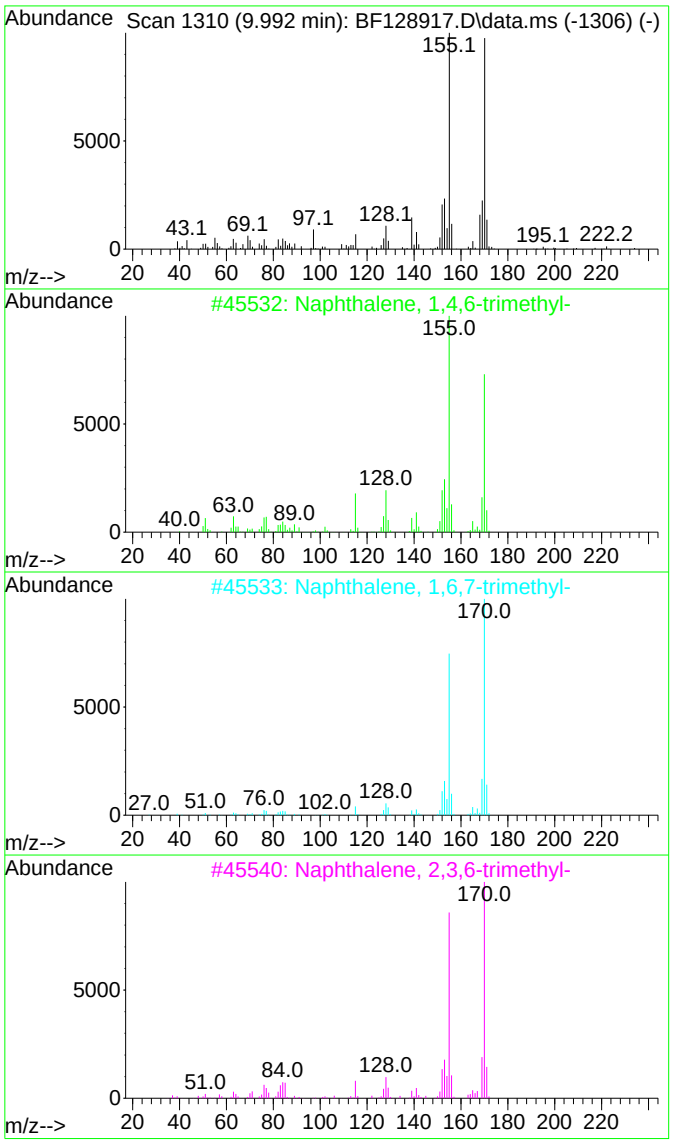
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

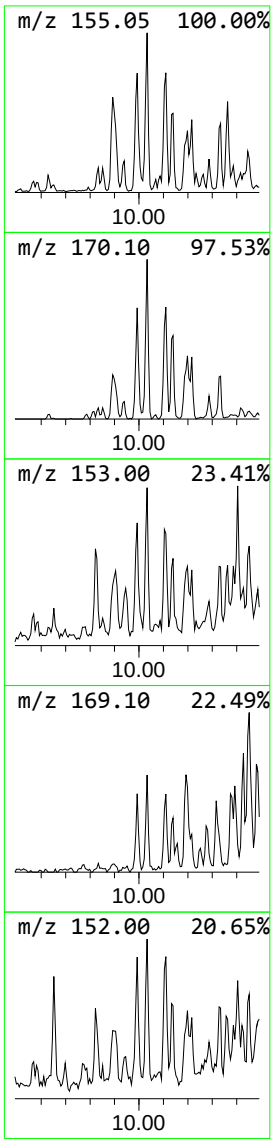
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	2.92 ng	146074	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	81





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Sample : N3390-01 10X
Misc :
ALS Vial : 18 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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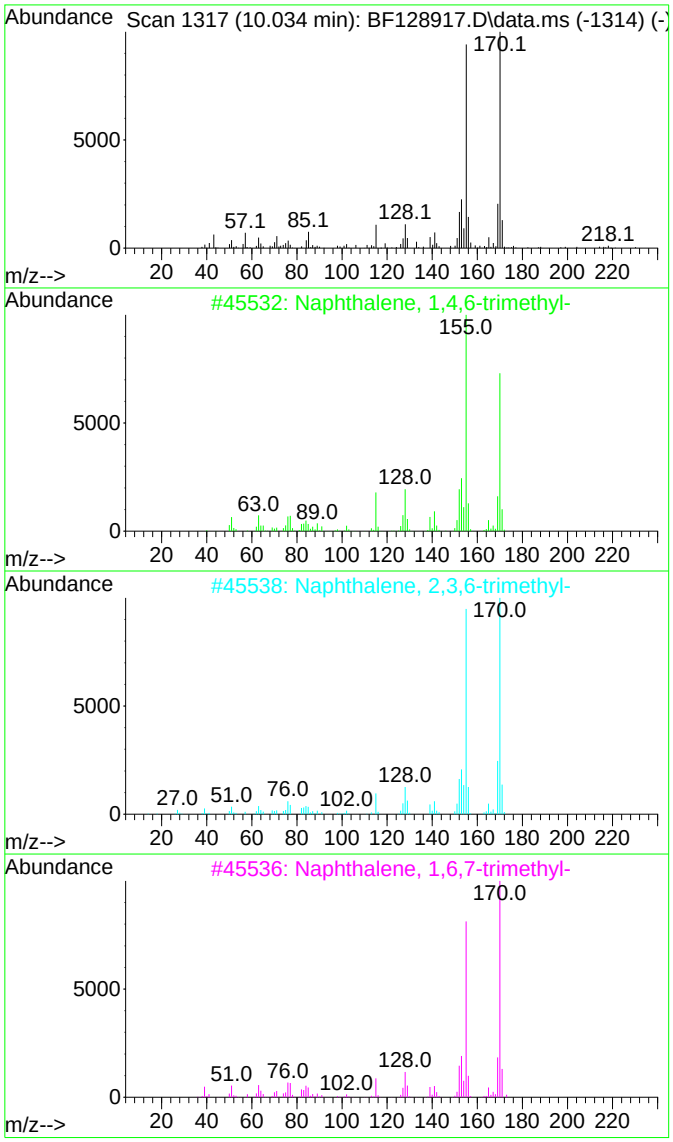
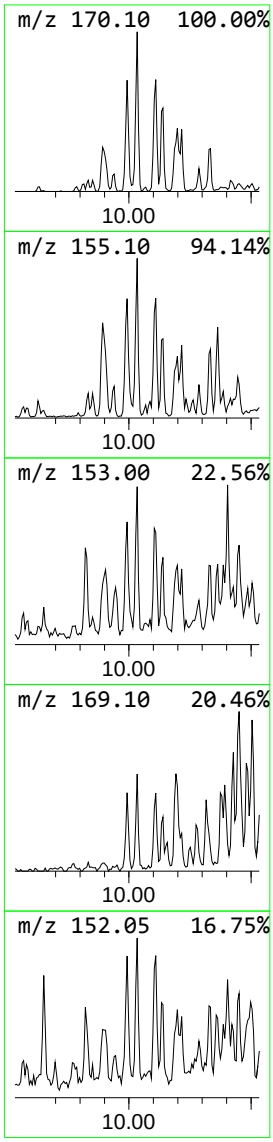
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	6.21 ng	310621	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-2-061722

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

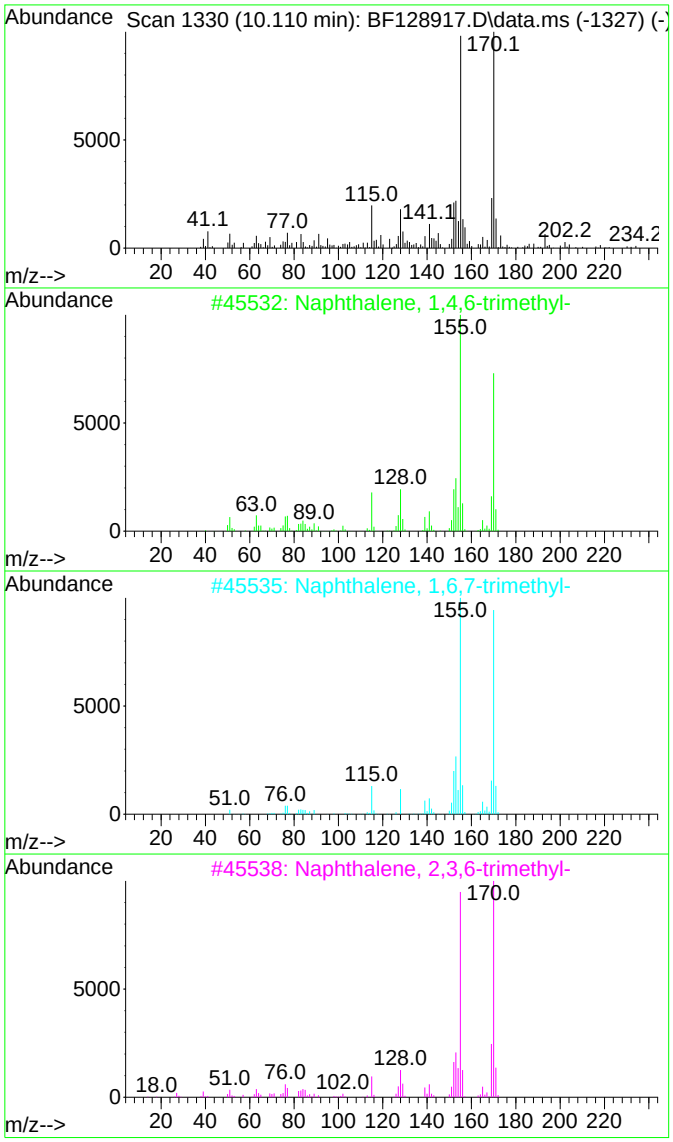
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

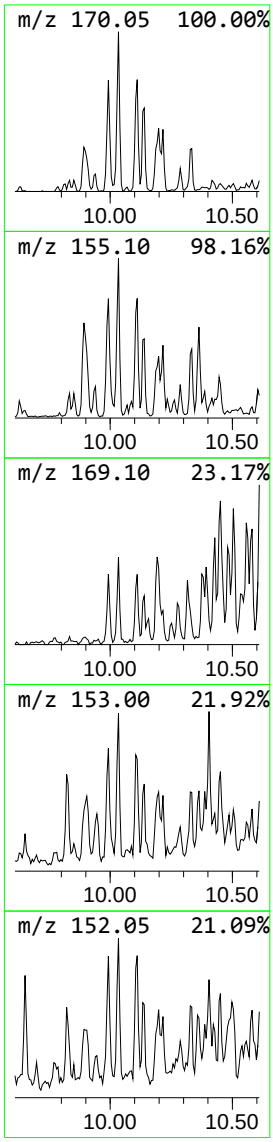
****

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.110	4.03 ng	201439	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87





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Sample : N3390-01 10X
Misc :
ALS Vial : 18 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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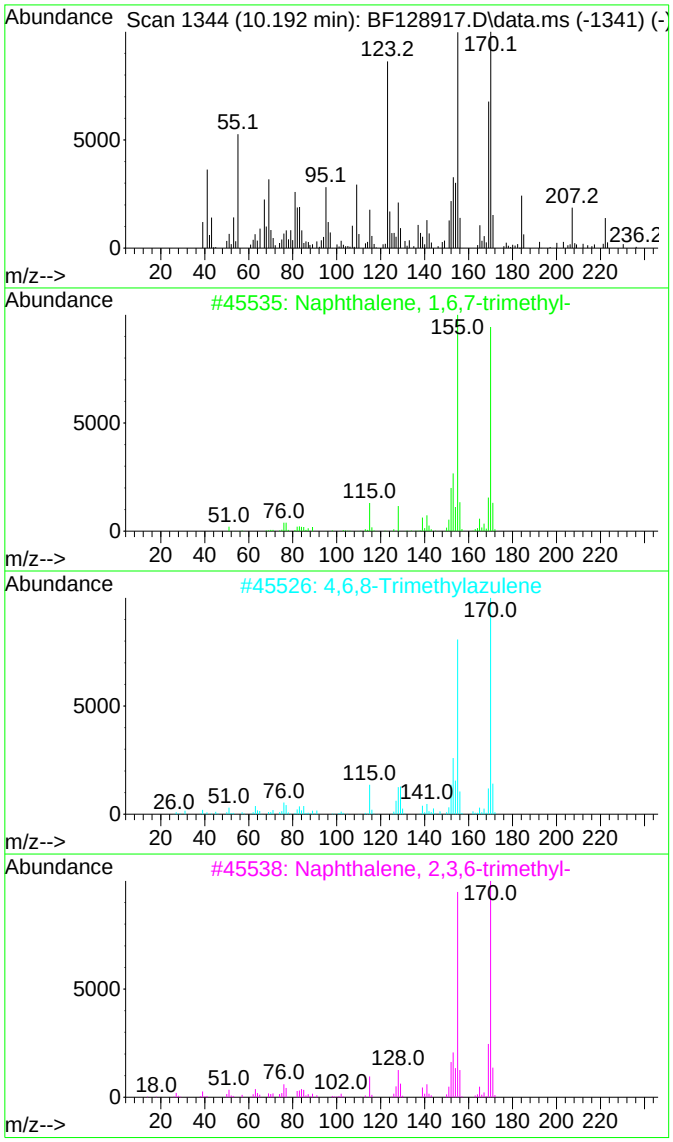
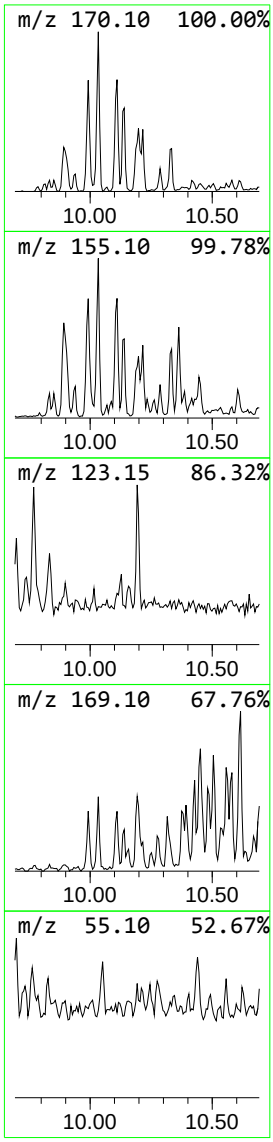
Peak Number 13 4,6,8-Trimethylazulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.192	3.47 ng	173758	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	60





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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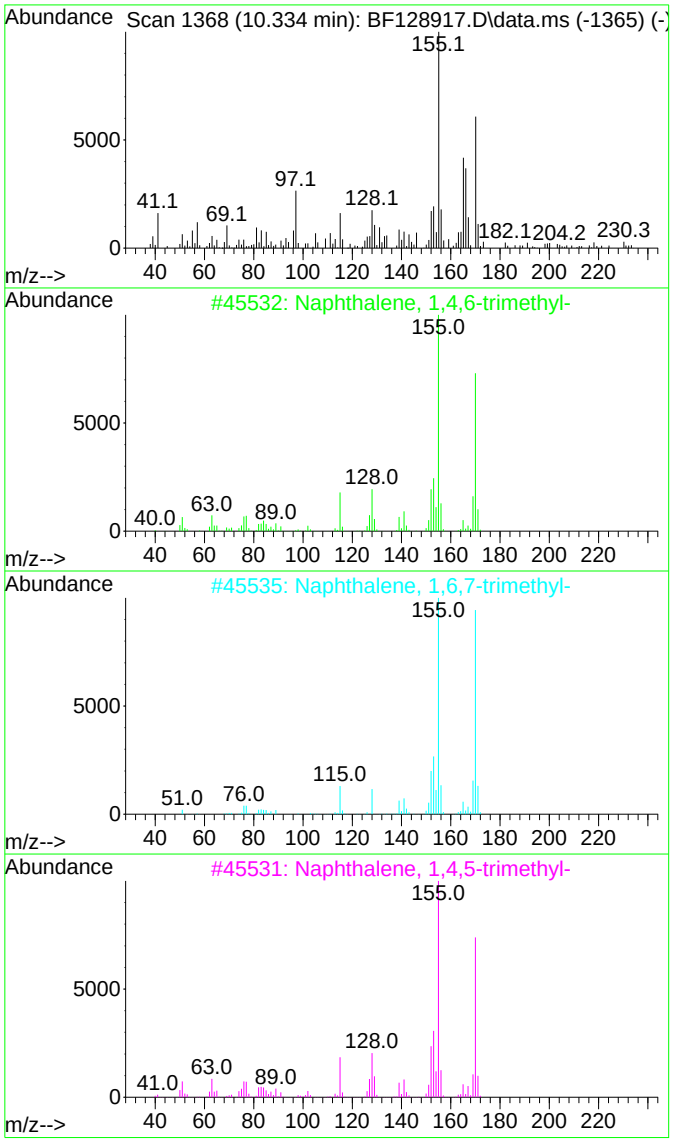
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

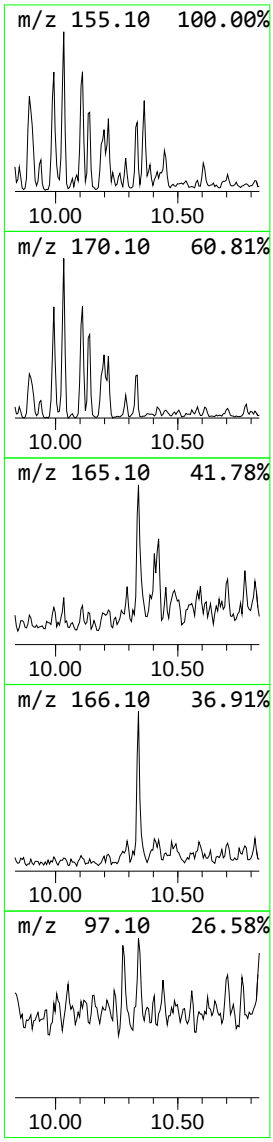
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	2.56 ng	128080	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50





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Misc :
ALS Vial : 18 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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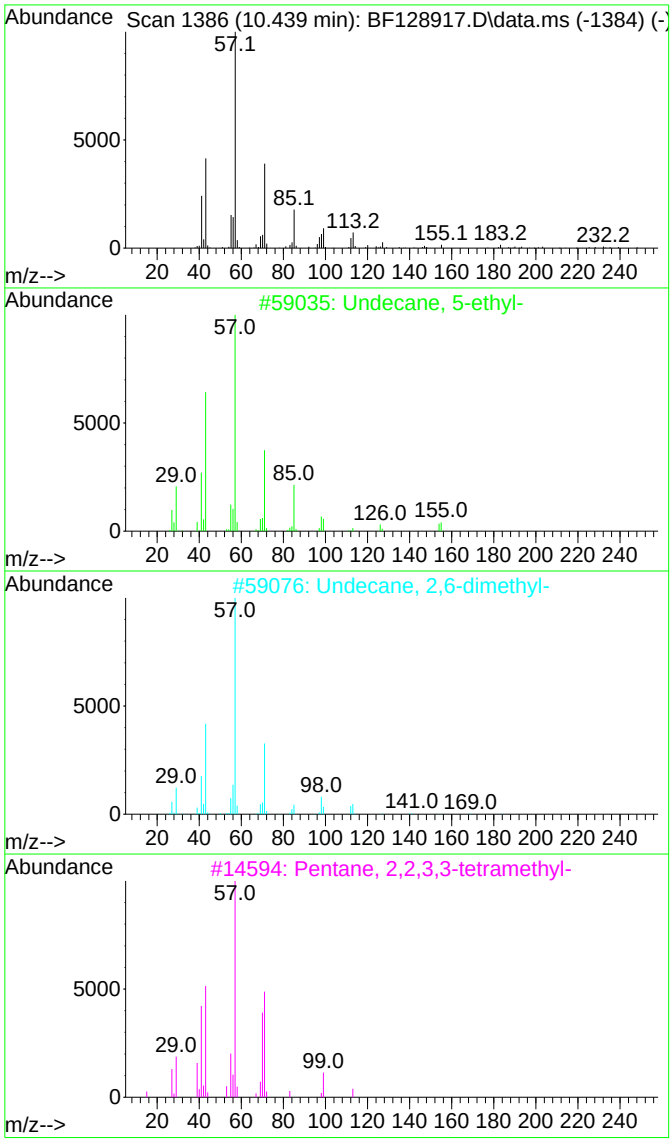
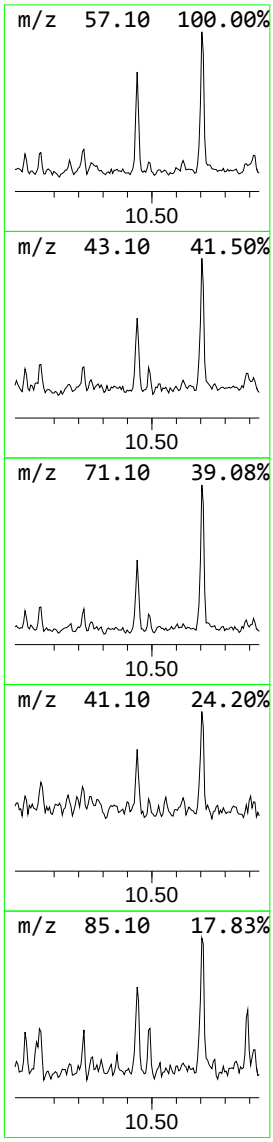
Peak Number 15 Undecane, 5-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	4.97 ng	248546	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
5	Pentacosane	352	C25H52	000629-99-2	59





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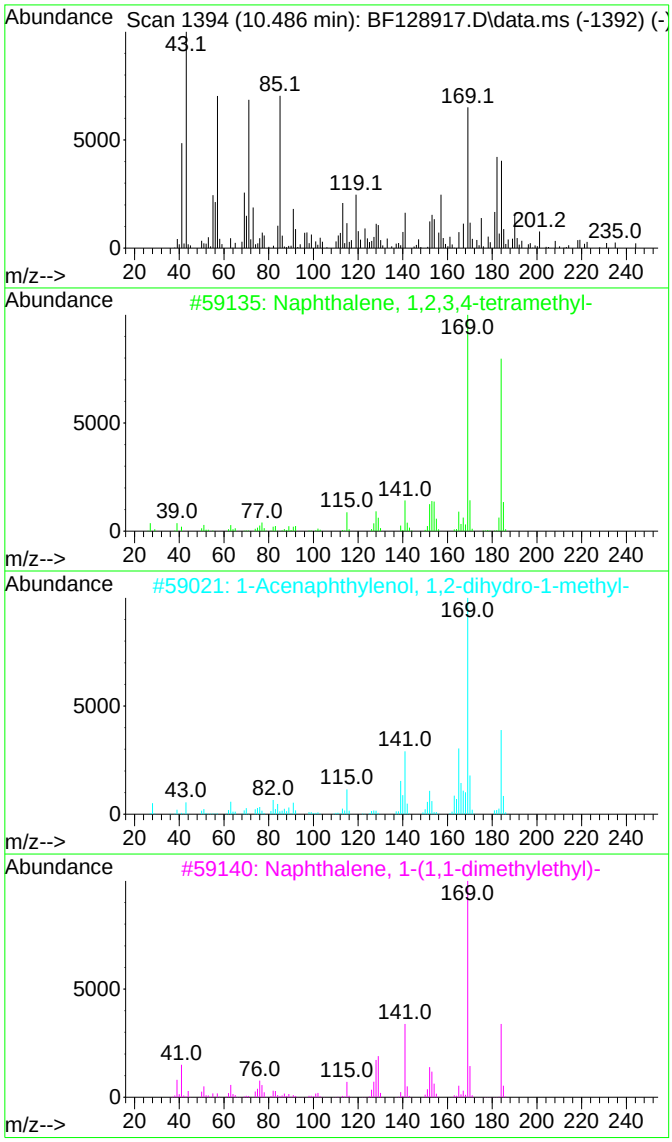
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

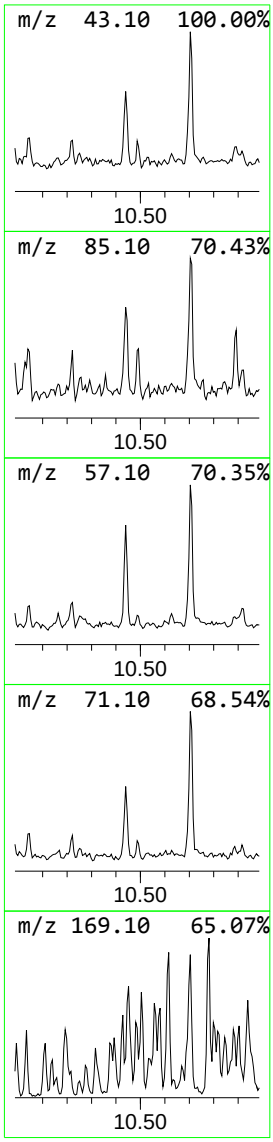
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,2,3,4-tetram... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	3.27 ng	163494	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	62
2	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	35
3	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	35
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	35
5	Chamazulene	184	C14H16	000529-05-5	35





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Data File : BF128917.D
Acq On : 22 Jun 2022 00:48
Operator : CG\JU
Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-2-061722

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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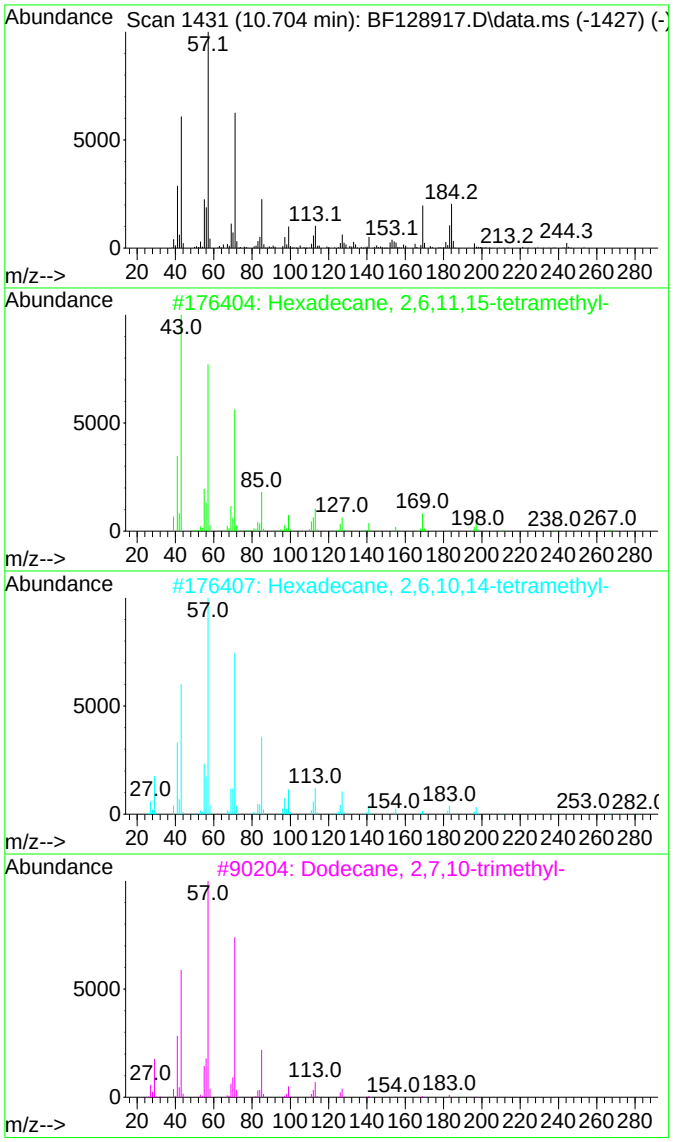
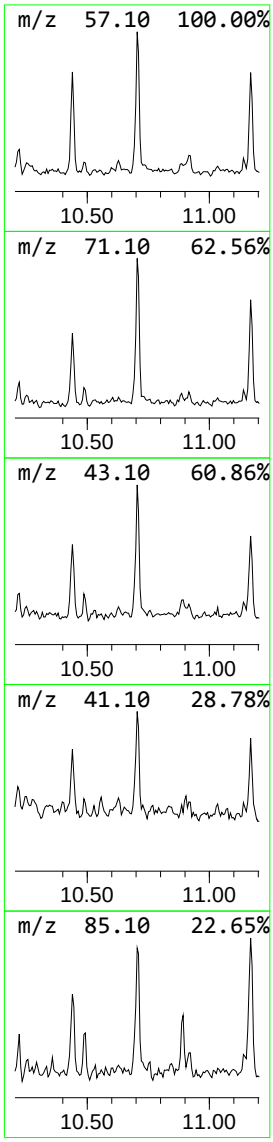
Peak Number 17 Hexadecane, 2,6,11,15-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	12.29 ng	456576	Phenanthrene-d10	11.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	49
4	Decane, 2-methyl-	156	C11H24	006975-98-0	49
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	46





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Data File : BF128917.D
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Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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

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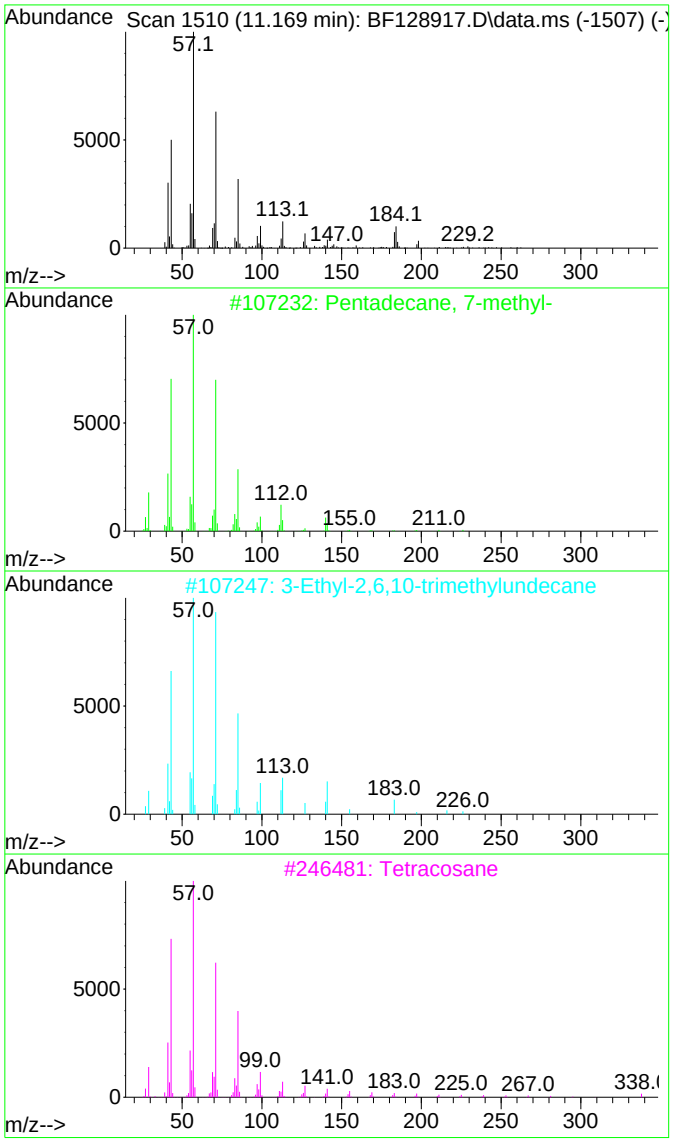
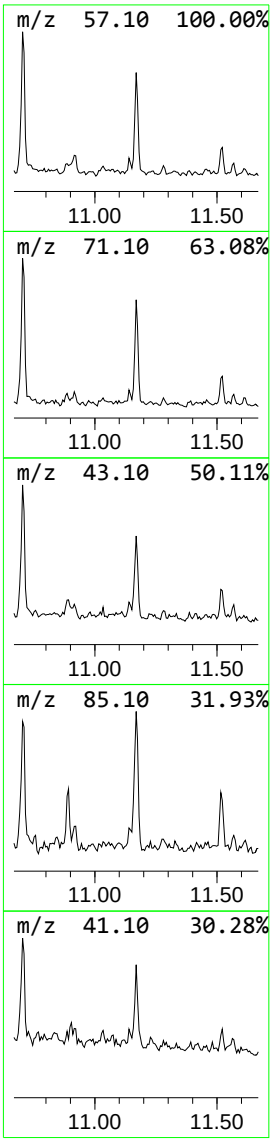
Peak Number 18 Pentadecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	9.50 ng	352772	Phenanthrene-d10	11.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
3	Tetracosane	338	C24H50	000646-31-1	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Tetradecane	198	C14H30	000629-59-4	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128917.D
Acq On : 22 Jun 2022 00:48
Operator : CG\JU
Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-2-061722

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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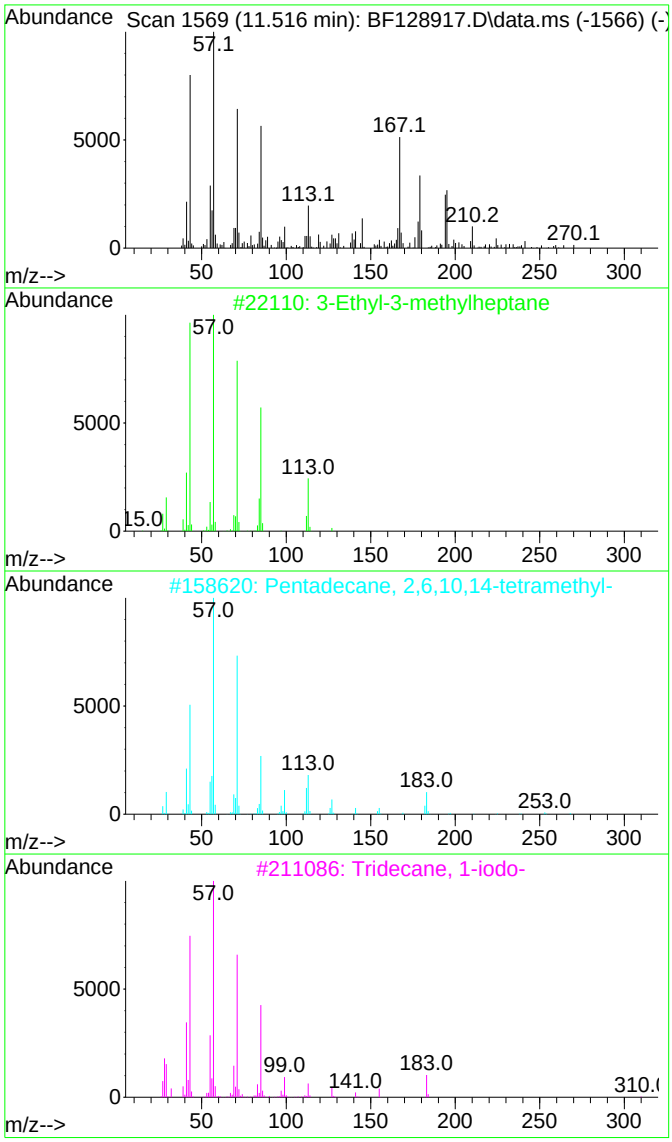
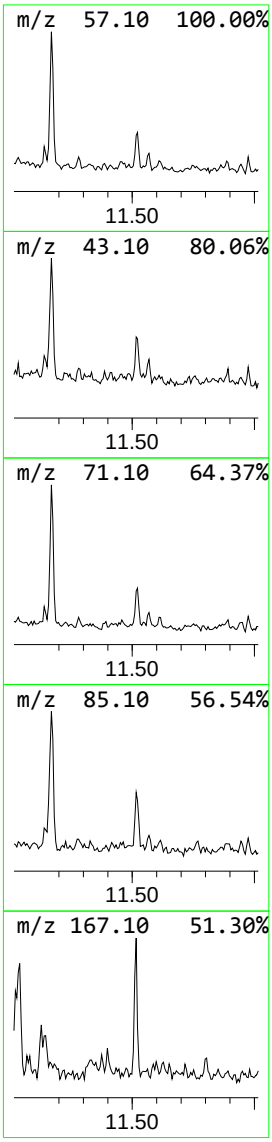
Peak Number 19 unknown11.516 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.516	3.77 ng	140006	Phenanthrene-d10	11.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	35
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	25
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	25
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	25
5	Octane, 4-methyl-	128	C9H20	002216-34-4	22





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Data File : BF128917.D
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Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-2-061722

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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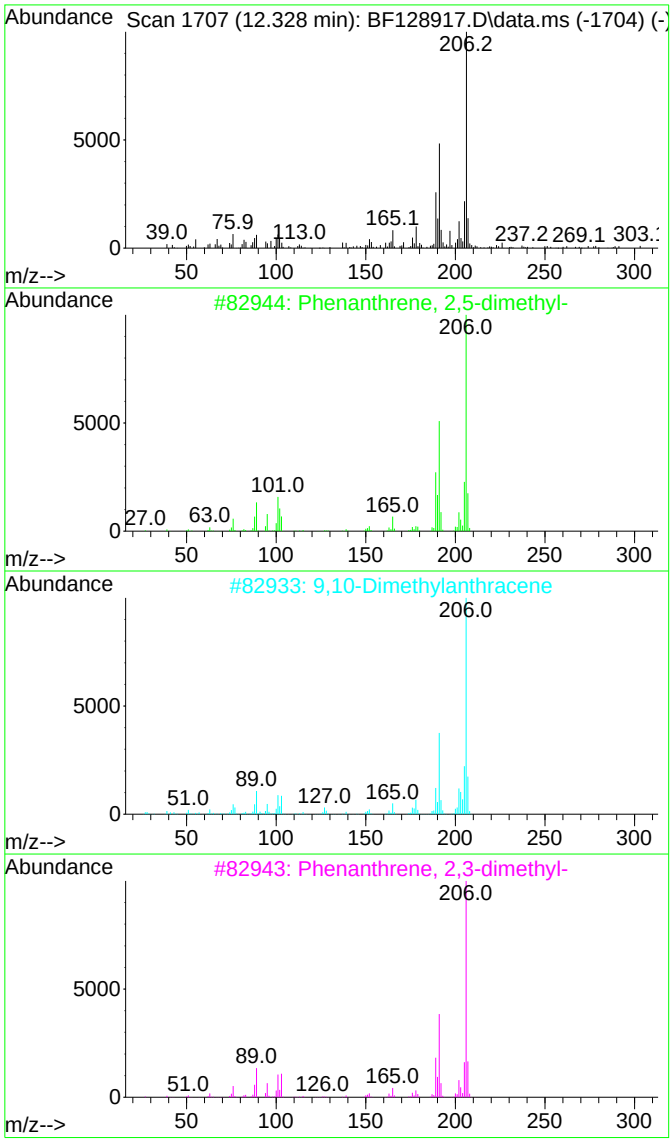
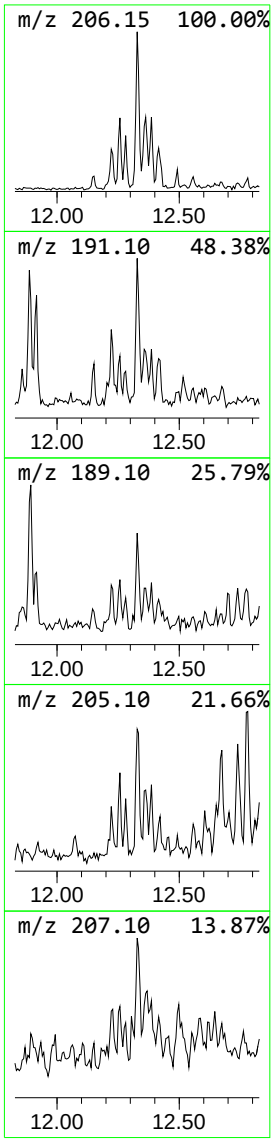
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.328	2.47 ng	91601	Phenanthrene-d10	11.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128917.D
Acq On : 22 Jun 2022 00:48
Operator : CG\JU
Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-2-061722

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
Decane, 2,6,7-t...	8.457	2.7	ng	130950	2	8.040	977825	20.0
6-Tridecene, 7-...	8.575	2.6	ng	129612	2	8.040	977825	20.0
Dodecane, 2,7,1...	9.057	5.3	ng	264242	3	9.792	1000930	20.0
Oxalic acid, cy...	9.192	5.0	ng	248205	3	9.792	1000930	20.0
1H-Indene, octa...	9.492	3.2	ng	161876	3	9.792	1000930	20.0
Tridecane	9.510	4.0	ng	199589	3	9.792	1000930	20.0
3-Hexadecene, (Z)-	9.657	3.5	ng	174026	3	9.792	1000930	20.0
Cyclohexane, 1,...	9.698	2.8	ng	141621	3	9.792	1000930	20.0
Naphthalene, 2-...	9.892	3.3	ng	162696	3	9.792	1000930	20.0
Naphthalene, 1,...	9.992	2.9	ng	146074	3	9.792	1000930	20.0
Naphthalene, 2,...	10.034	6.2	ng	310621	3	9.792	1000930	20.0
Naphthalene, 1,...	10.110	4.0	ng	201439	3	9.792	1000930	20.0
4,6,8-Trimethyl...	10.192	3.5	ng	173758	3	9.792	1000930	20.0
Naphthalene, 1,...	10.334	2.6	ng	128080	3	9.792	1000930	20.0
Undecane, 5-ethyl-	10.439	5.0	ng	248546	3	9.792	1000930	20.0
Naphthalene, 1,...	10.486	3.3	ng	163494	3	9.792	1000930	20.0
Hexadecane, 2,6...	10.704	12.3	ng	456576	4	11.281	743039	20.0
Pentadecane, 7-...	11.169	9.5	ng	352772	4	11.281	743039	20.0
unknown11.516	11.516	3.8	ng	140006	4	11.281	743039	20.0
Phenanthrene, 2...	12.328	2.5	ng	91601	4	11.281	743039	20.0