LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139498.D
Acq On : 20 Sep 2024 13:19
Operator : RC/JU
Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14-5-7.5A

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139498.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	17	rVB	509629	782241	41.50%	1.858%
2	3.728	268	278	284	rBV	18662	34052	1.81%	0.081%
3	5.016	488	497	504	rBV2	16854	42430	2.25%	0.101%
4	5.087	504	509	515	rVB	82673	116242	6.17%	0.276%
5	5.369	552	557	559	rBV2	19669	28864	1.53%	0.069%
6	5.493	566	578	583	rBV	1087425	1456176	77.25%	3.458%
7	5.716	609	616	625	rVB4	20671	59335	3.15%	0.141%
8	5.898	640	647	651	rBV4	18601	33874	1.80%	0.080%
9	5.945	651	655	662	rBV2	14543	28174	1.49%	0.067%
10	6.040	662	671	675	rBV4	28097	58208	3.09%	0.138%
11	6.128	680	686	692	rBV2	63529	121789	6.46%	0.289%
12	6.316	712	718	719	rBV2	39042	58899	3.12%	0.140%
13	6.334	719	721	724	rVV	48818	66222	3.51%	0.157%
14	6.369	724	727	730	rVV	47308	60671	3.22%	0.144%
15	6.404	730	733	740	rVB3	49677	92907	4.93%	0.221%
16	6.463	740	743	745	rBV	26797	31077	1.65%	0.074%
17	6.504	745	750	756	rVV	1078457	1447435	76.78%	3.437%
18	6.557	756	759	764	rVB3	43503	66036	3.50%	0.157%
19	6.616	764	769	773	rBV4	41924	82569	4.38%	0.196%
20	6.704	780	784	787	rBV3	32716	52790	2.80%	0.125%
21	6.834	796	806	808	rBV2	50113	109647	5.82%	0.260%
22	6.875	808	813	819	rVV2	456958	663153	35.18%	1.575%
23	6.934	819	823	826	rVV2	45631	54782	2.91%	0.130%
24	6.987	826	832	834	rVV5	42186	69220	3.67%	0.164%
25	7.022	834	838	841	rVV2	126337	172701	9.16%	0.410%
26	7.057	841	844	848	rVB	76877	91620	4.86%	0.218%
27	7.128	848	856	857	rBV2	79764	139646	7.41%	0.332%
28	7.145	857	859	863	rVB	102405	114408	6.07%	0.272%
29	7.192	863	867	875	rVB3	92849	195217	10.36%	0.464%
30	7.269	875	880	884	rBV2	128058	197669	10.49%	0.469%
31	7.345	890	893	897	rBV3	22796	42050	2.23%	0.100%
32	7.410	898	904	905	rVV2	303769	391633	20.78%	0.930%
33	7.439	905	909	917	rVB	817609	1220183	64.73%	2.898%
34	7.522	917	923	926	rBV4	159709	251916	13.36%	0.598%
35	7.575	926	932	937	rBV5	88051	195267	10.36%	0.464%
36	7.651	937	945	948	rVV4	138889	286620	15.20%	0.681%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14-5-7.5A

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.681	948	950	958	rVB5	134867	196158	10.41%	0.466%
38	7.775	959	966	968	rBV3	177282	367482	19.49%	0.873%
39	7.798	968	970	973	rVV3	156070	216107	11.46%	0.513%
40	7.834	973	976	980	rVB2	158625	216629	11.49%	0.514%
41	7.898	980	987	996	rBV3	304785	525994	27.90%	1.249%
42	7.975	997	1000	1006	rVB3	104830	140024	7.43%	0.333%
43	8.028	1006	1009	1012	rBV3	124950	150673	7.99%	0.358%
44	8.063	1012	1015	1017	rBV2	35286	32799	1.74%	0.078%
45	8.116	1017	1024	1025	rBV3	142421	263690	13.99%	0.626%
46	8.157	1025	1031	1037	rVV2	607945	1314009	69.71%	3.120%
47	8.216	1037	1041	1044	rVV2	421503	621108	32.95%	1.475%
48	8.245	1044	1046	1054	rVB5	160779	227179	12.05%	0.539%
49	8.310	1054	1057	1059	rBV3	89057	117524	6.23%	0.279%
50	8.357	1062	1065	1069	rVB2	198878	250175	13.27%	0.594%
51	8.445	1075	1080	1085	rVB6	293320	455869	24.18%	1.083%
52	8.539	1093	1096	1099	rBV2	202842	239460	12.70%	0.569%
53	8.581	1099	1103	1108	rBV	479669	711068	37.72%	1.689%
54	8.663	1113	1117	1120	rBV2	336879	408414	21.67%	0.970%
55	8.751	1129	1132	1135	rBV2	141005	200066	10.61%	0.475%
56	8.875	1150	1153	1156	rVB	497828	565615	30.00%	1.343%
57	8.904	1156	1158	1161	rBV2	67465	68685	3.64%	0.163%
58	8.975	1161	1170	1178	rBV3	708957	1538512	81.61%	3.654%
59	9.063	1182	1185	1189	rVB4	200164	238754	12.67%	0.567%
60	9.098	1189	1191	1194	rBV	97289	124637	6.61%	0.296%
61	9.181	1201	1205	1210	rBV2	669468	885833	46.99%	2.104%
62	9.233	1210	1214	1219	rVB	1159818	1414072	75.01%	3.358%
63	9.316	1223	1228	1232	rBV4	317504	565544	30.00%	1.343%
64	9.381	1237	1239	1243	rVB2	219418	253841	13.47%	0.603%
65	9.433	1244	1248	1253	rVB	295067	427639	22.69%	1.016%
66	9.498	1255	1259	1264	rVB	733451	1110296	58.90%	2.637%
67	9.575	1265	1272	1274	rBV	873674	1358063	72.04%	3.225%
68	9.633	1279	1282	1286	rVV4	1015006	1363309	72.32%	3.237%
69	9.692	1289	1292	1297	rVB2	351751	464996	24.67%	1.104%
70	9.775	1303	1306	1310	rBV2	273288	371426	19.70%	0.882%
71	9.822	1311	1314	1318	rVB5	186145	239311	12.69%	0.568%
72	9.910	1326	1329	1333	rVB	357446	452219	23.99%	1.074%
73	10.022	1344	1348	1352	rBV	434662	593982	31.51%	1.411%
74	10.063	1352	1355	1358	rBV3	136731	197886	10.50%	0.470%
75	10.116	1359	1364	1368	rVV2	556268	898137	47.64%	2.133%
76	10.157	1368	1371	1380	rVB4	530837	974994	51.72%	2.315%

LSC Area Percent Report

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Acq On : 20 Sep 2024 13:19
Operator : RC/JU
Sample : P4103-04
Misc :
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Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.233	1380	1384	1386	rBV	401378	548081	29.07%	1.302%
78	10.257	1386	1388	1391	rVV	260956	320355	16.99%	0.761%
79	10.322	1395	1399	1405	rBV3	323007	598876	31.77%	1.422%
80	10.457	1418	1422	1425	rBV4	267789	482709	25.61%	1.146%
81	10.563	1436	1440	1445	rVB	776547	1169990	62.07%	2.778%
82	10.704	1461	1464	1467	rVB2	455484	502246	26.64%	1.193%
83	10.828	1481	1485	1492	rVB	1362854	1885096	100.00%	4.477%
84	11.039	1518	1521	1528	rVB4	287571	356694	18.92%	0.847%
85	11.292	1560	1564	1570	rVB2	691225	1047374	55.56%	2.487%
86	11.404	1579	1583	1585	rBV	423020	593302	31.47%	1.409%
87	11.639	1619	1623	1633	rVB3	235498	441243	23.41%	1.048%
88	11.904	1665	1668	1670	rBV	171985	222360	11.80%	0.528%
89	11.927	1670	1672	1676	rVB	243701	289780	15.37%	0.688%
90	12.010	1683	1686	1689	rBV2	139282	152195	8.07%	0.361%
91	12.380	1746	1749	1756	rVB2	158321	279480	14.83%	0.664%
92	12.451	1757	1761	1764	rBV	193906	263183	13.96%	0.625%
93	12.616	1785	1789	1793	rVB	280797	355172	18.84%	0.843%
94	12.839	1823	1827	1833	rVV	259170	423196	22.45%	1.005%
95	12.898	1834	1837	1841	rVB2	81967	105229	5.58%	0.250%
96	12.980	1847	1851	1859	rVB	923362	1247059	66.15%	2.961%
97	14.033	2025	2030	2041	rVB2	362281	659397	34.98%	1.566%
98	15.080	2204	2208	2216	rVB	57902	127723	6.78%	0.303%
99	15.445	2267	2270	2276	rVB	39367	58596	3.11%	0.139%
100	15.510	2276	2281	2292	rVB	173067	303022	16.07%	0.720%

Sum of corrected areas: 42110260

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
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Acq On : 20 Sep 2024 13:19
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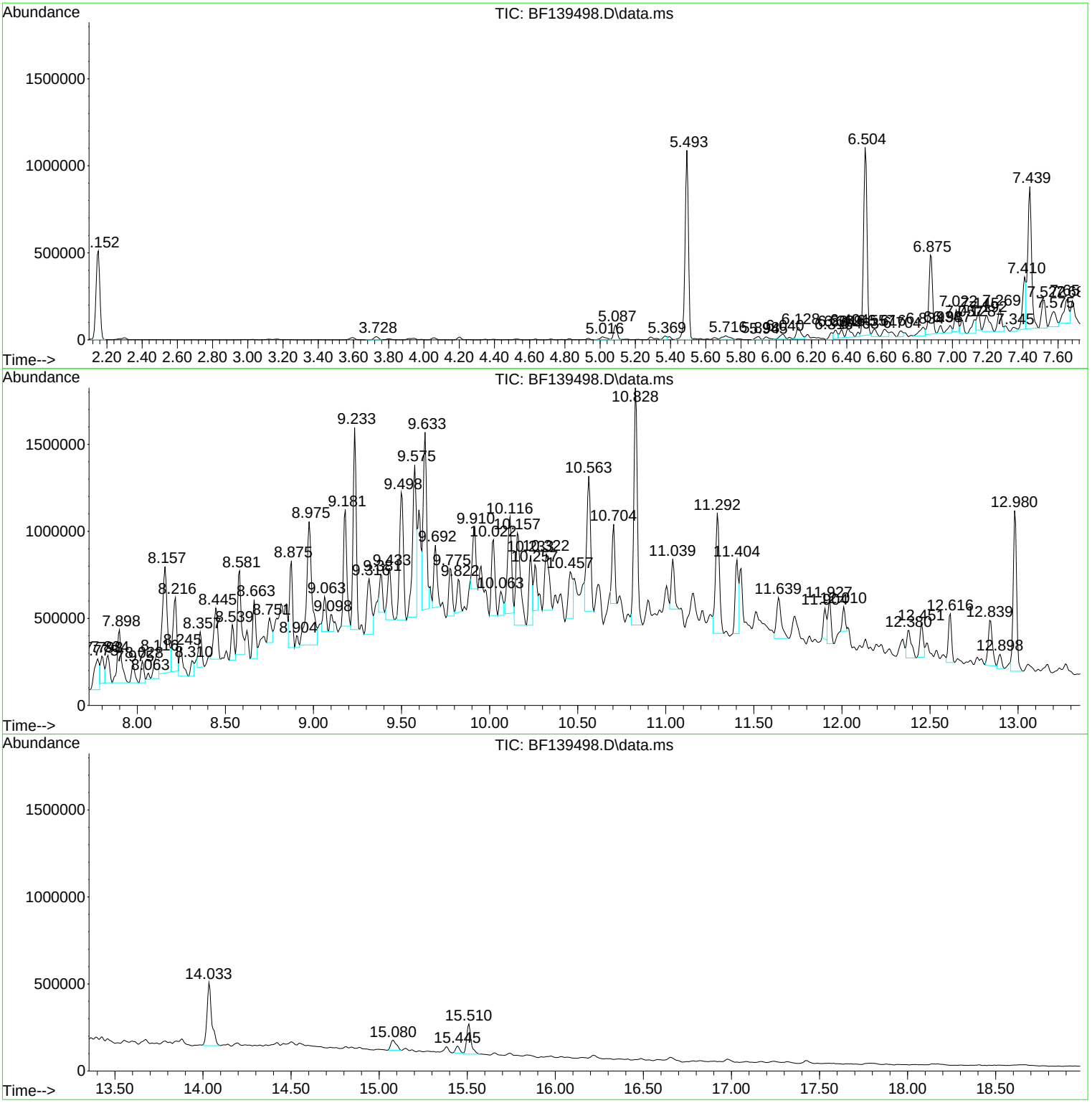
Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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\BF092024\
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Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

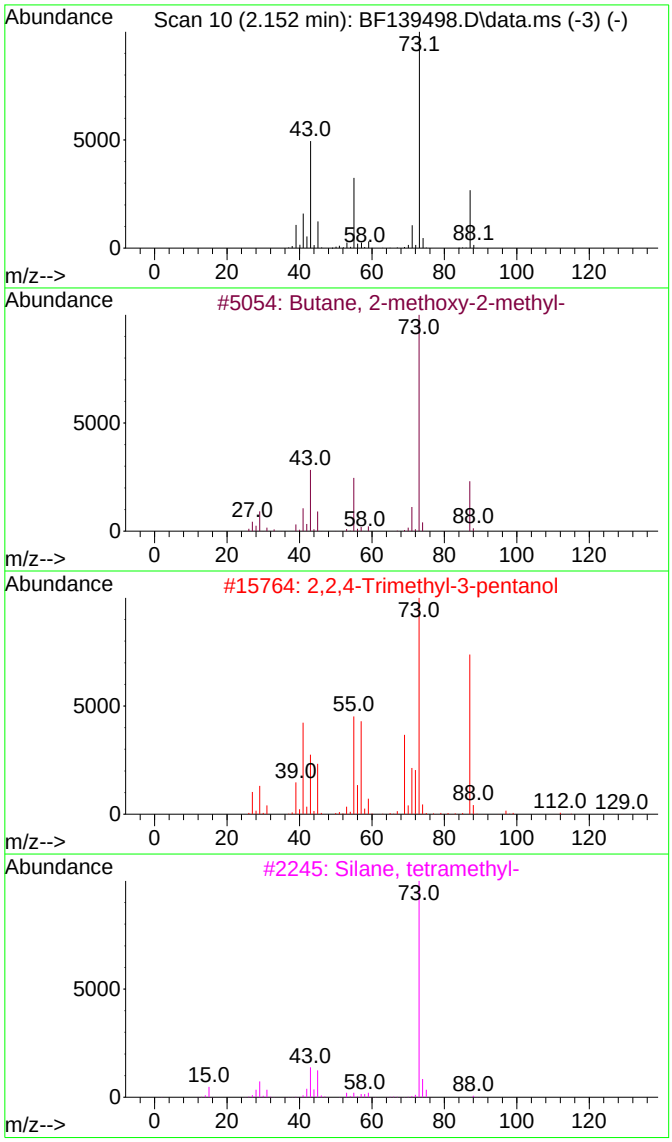
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

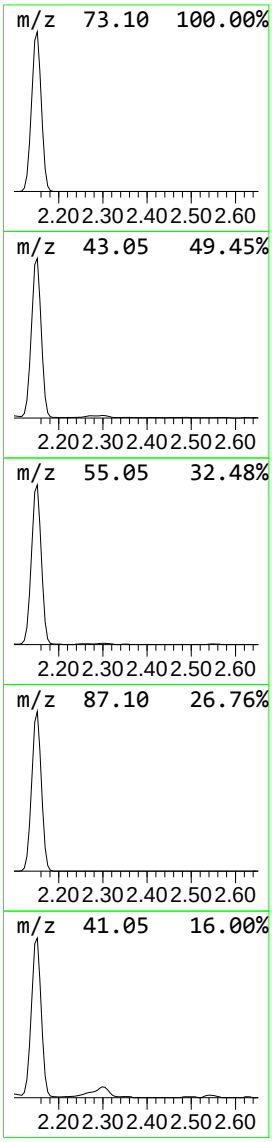
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	23.59 ng	782241	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139498.D
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Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

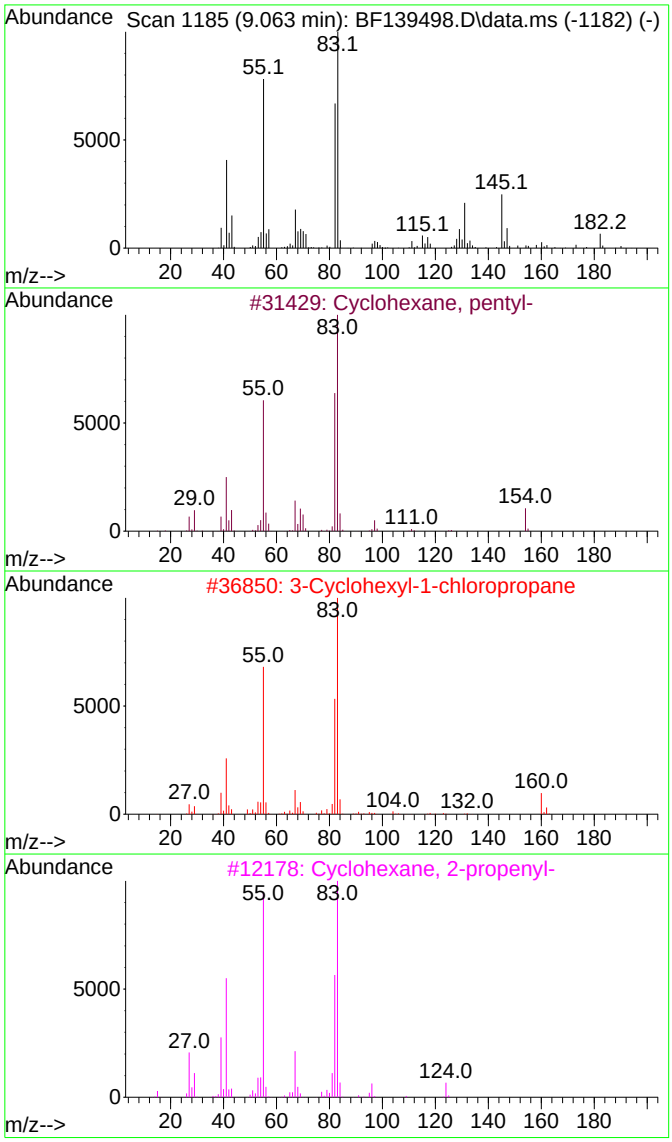
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

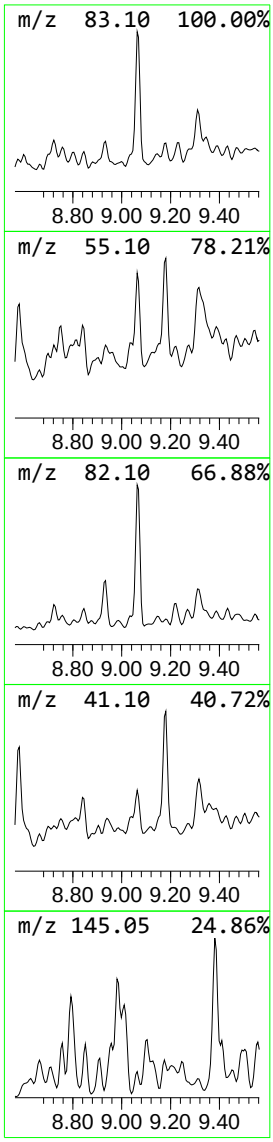
****

Peak Number 2 Cyclohexane, pentyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.063	10.56 ng	238754	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
2	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	52
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	47
5	Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
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Acq On : 20 Sep 2024 13:19
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Sample : P4103-04
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

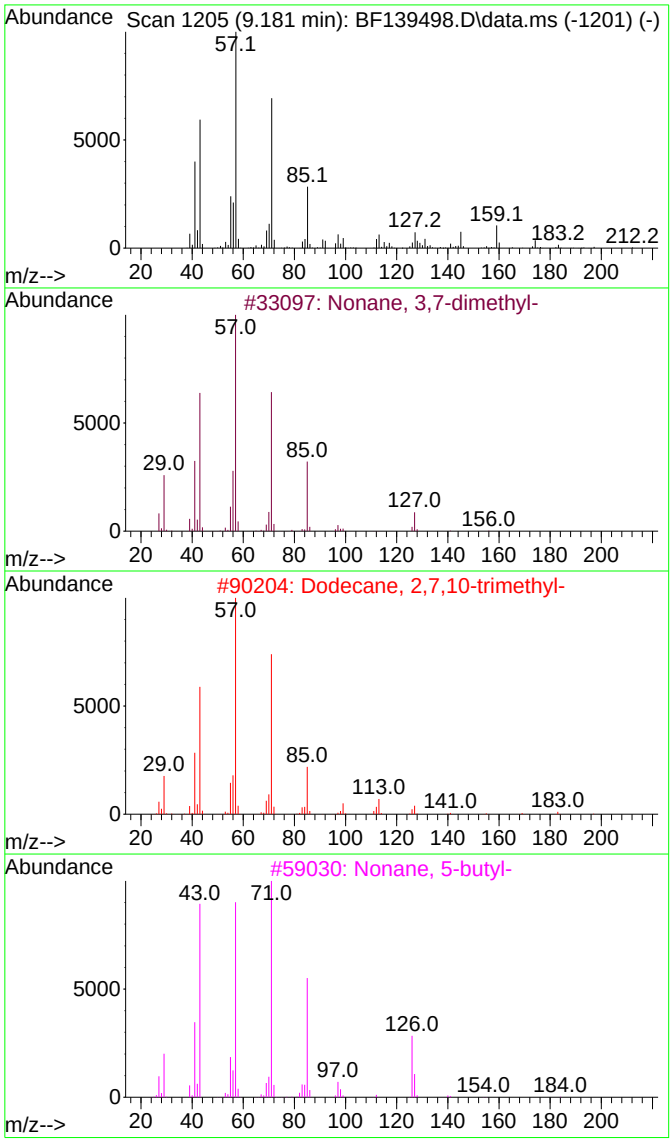
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

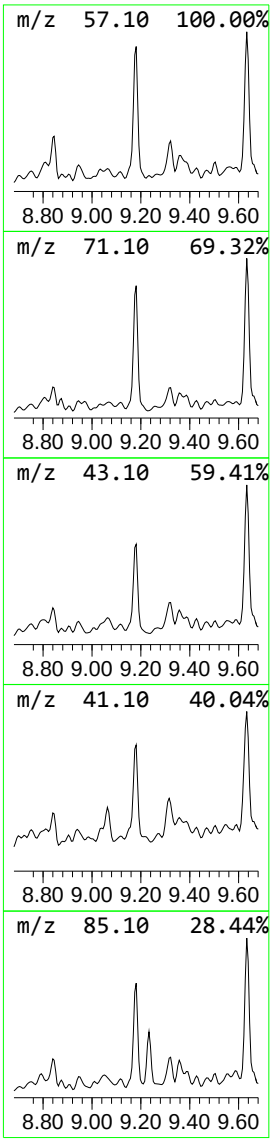
****

Peak Number 3 Nonane, 3,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	39.18 ng	885833	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	68
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	60
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139498.D
Acq On : 20 Sep 2024 13:19
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Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

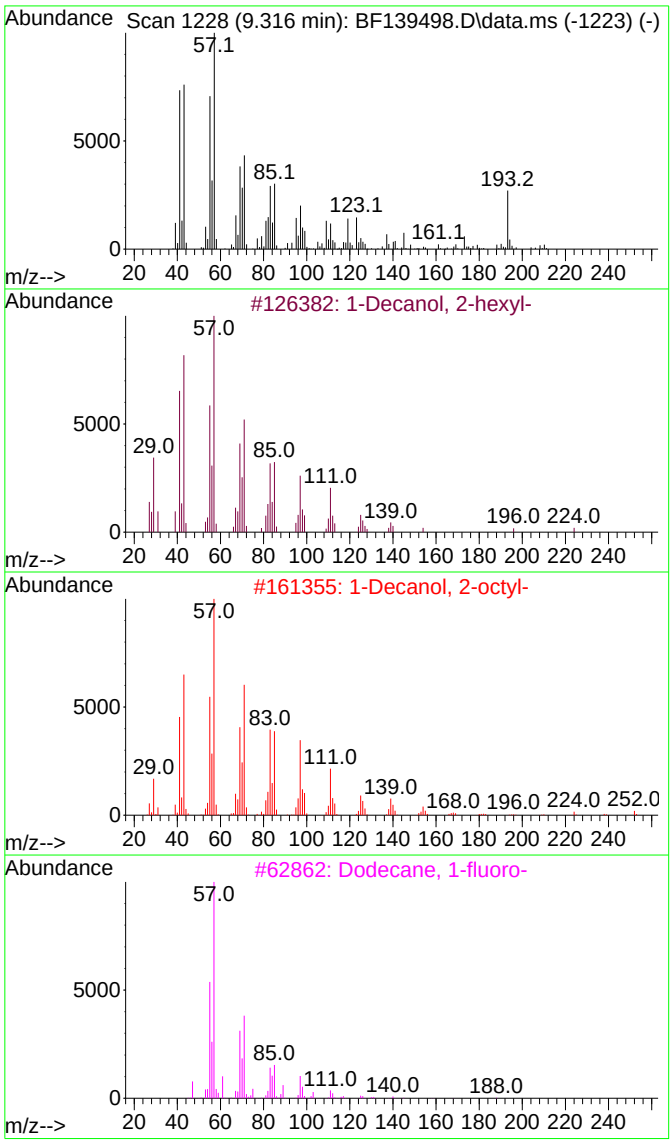
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

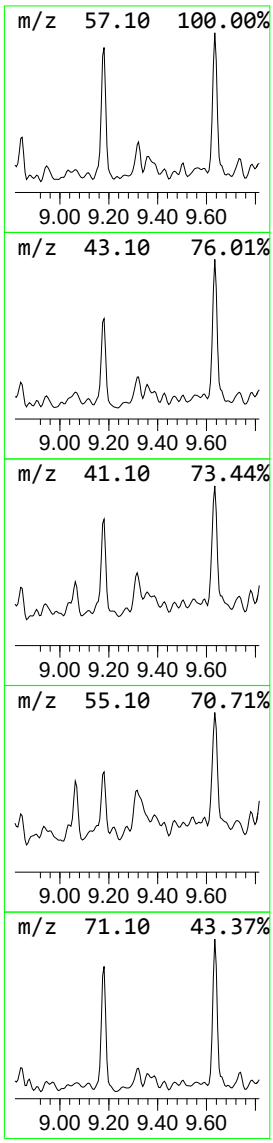
****

Peak Number 4 1-Decanol, 2-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.316	25.01 ng	565544	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	58
3	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	49
4	Cyclopentadecane	210	C15H30	000295-48-7	48
5	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139498.D
Acq On : 20 Sep 2024 13:19
Operator : RC/JU
Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

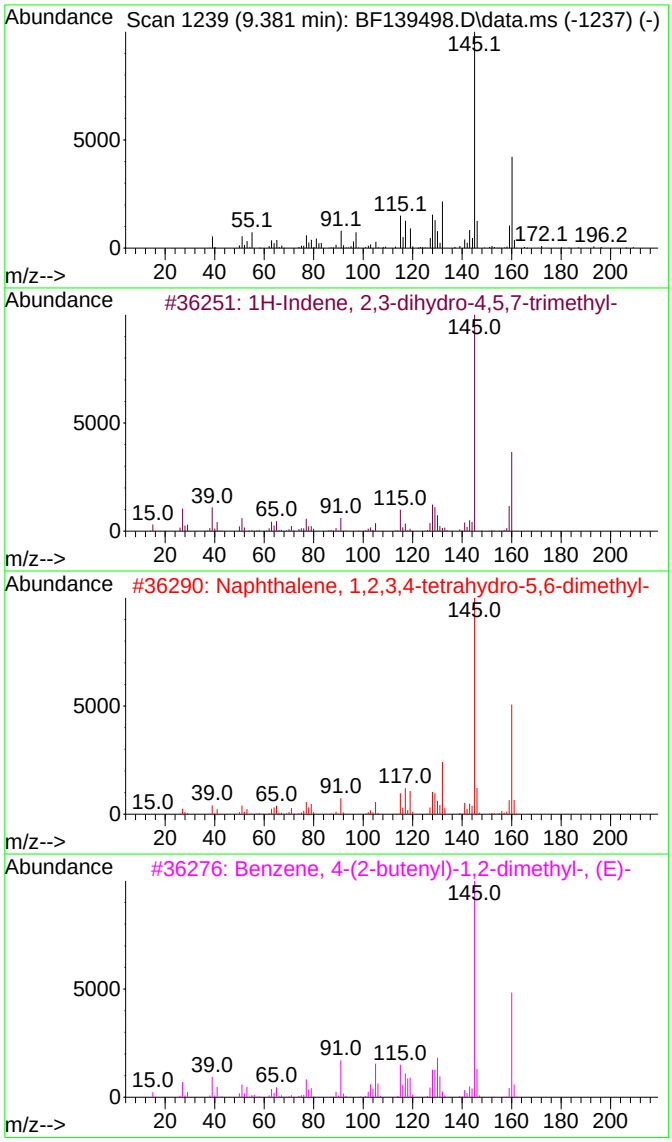
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

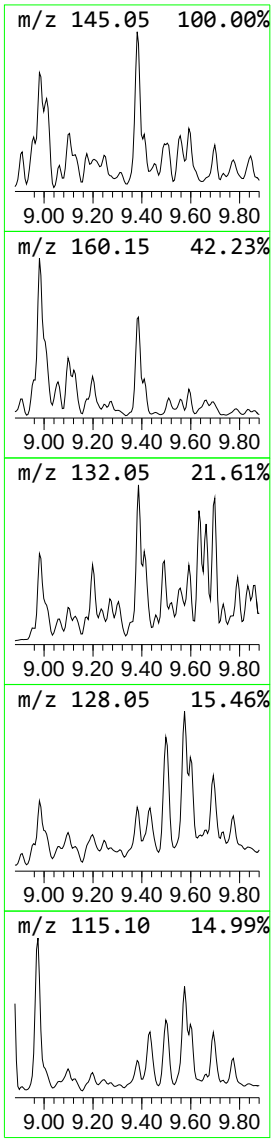
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	11.23 ng	253841	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	87
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87





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Acq On : 20 Sep 2024 13:19
Operator : RC/JU
Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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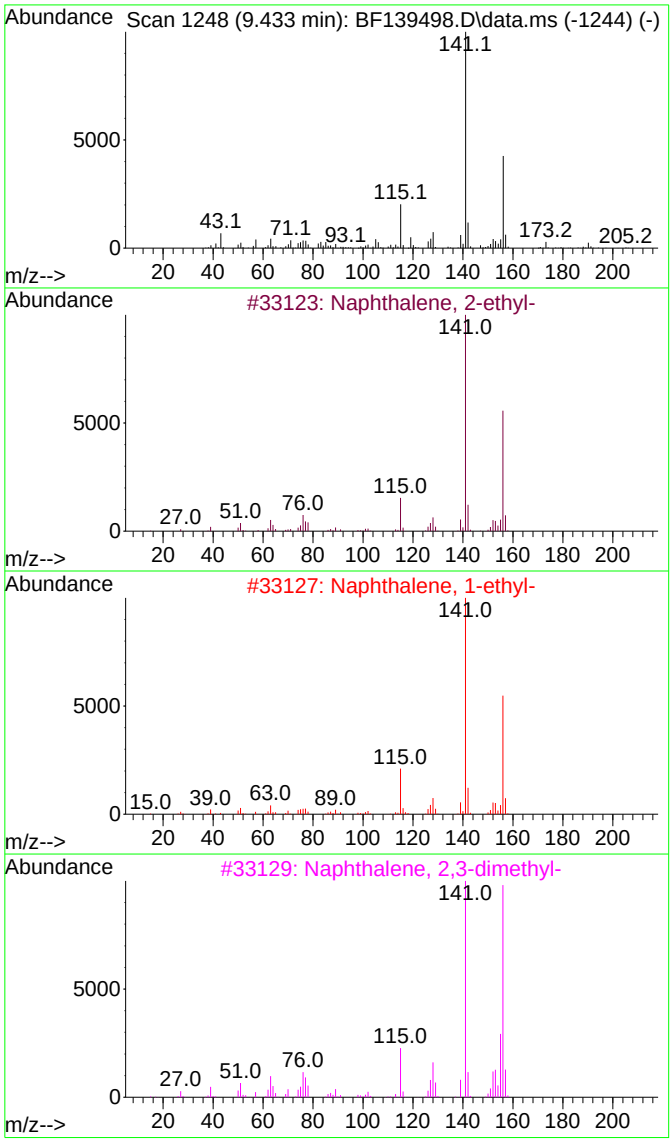
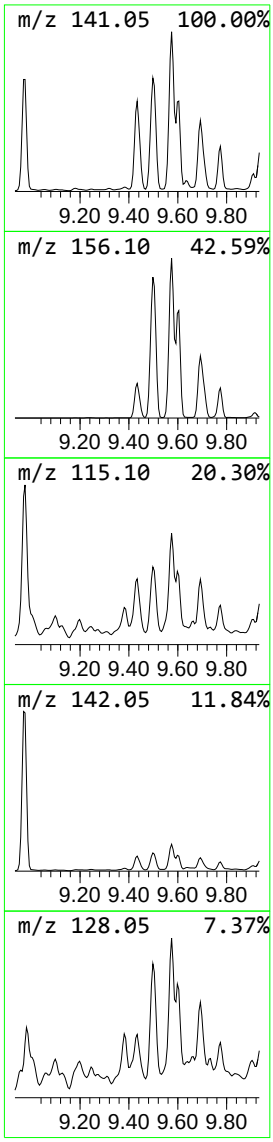
Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	18.91 ng	427639	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	72
4	Butethal	212	C10H16N2O3	000077-28-1	59
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





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Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14-5-7.5A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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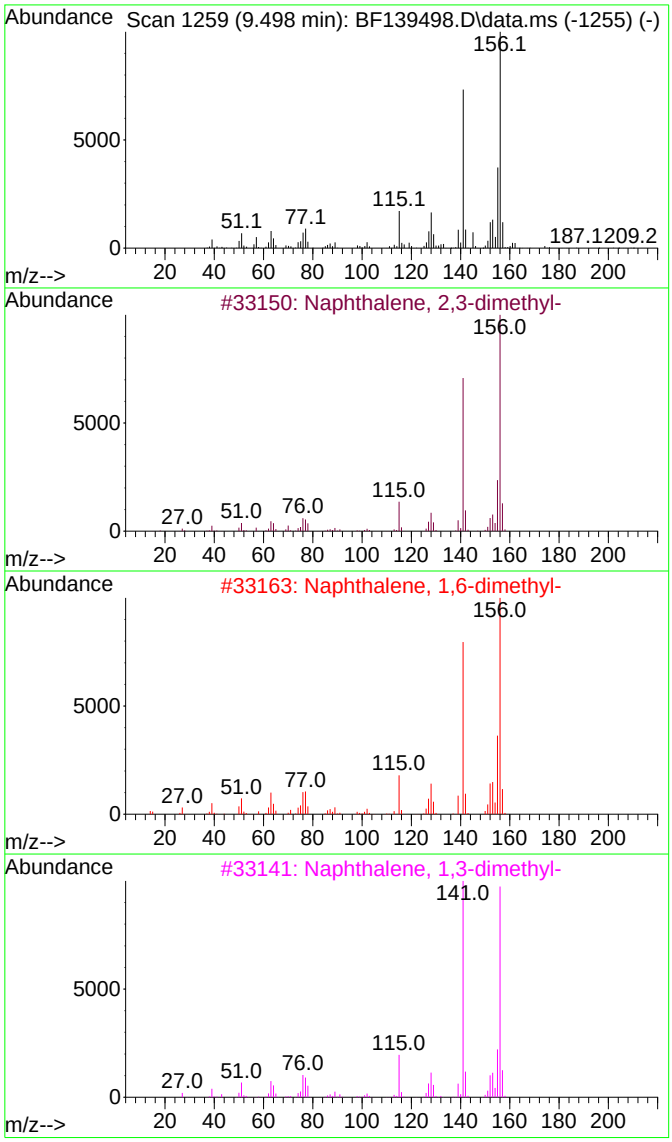
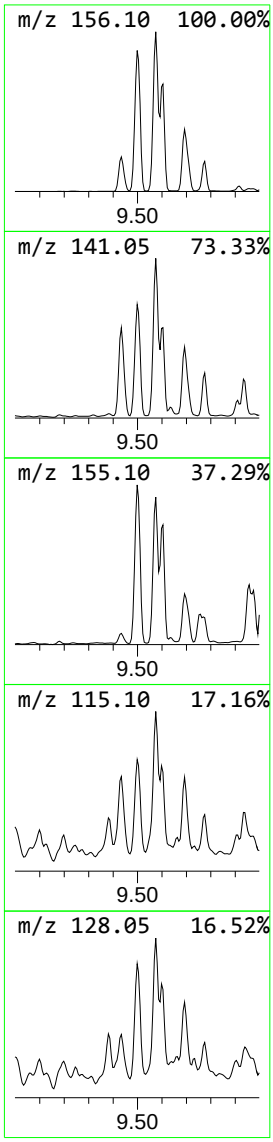
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	49.10 ng	1110300	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14-5-7.5A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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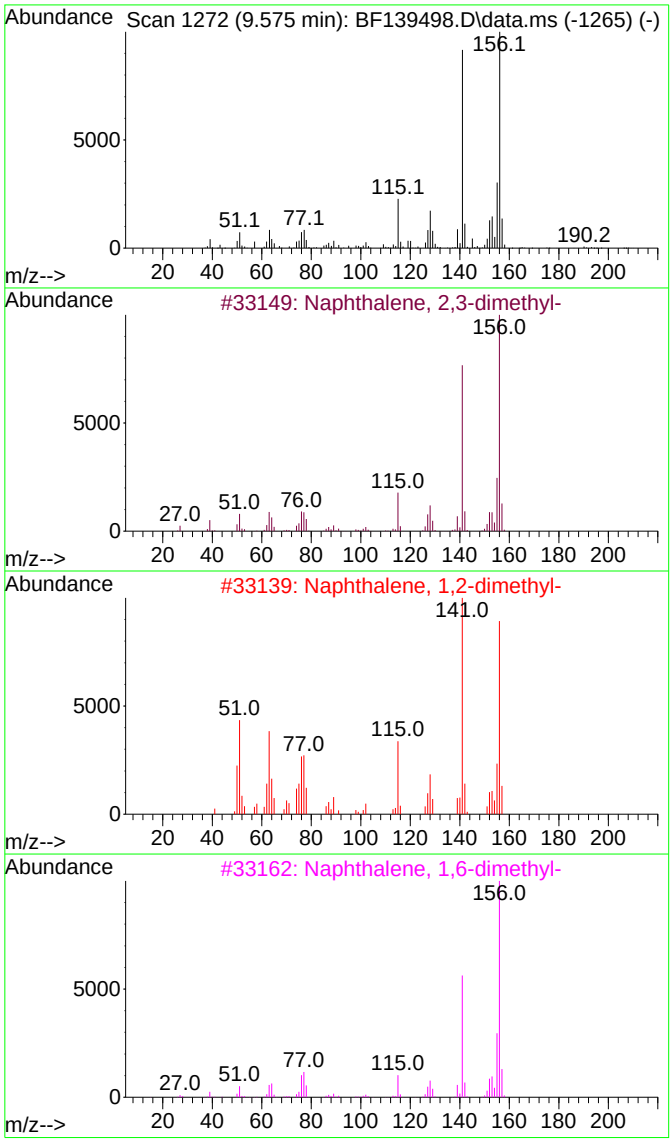
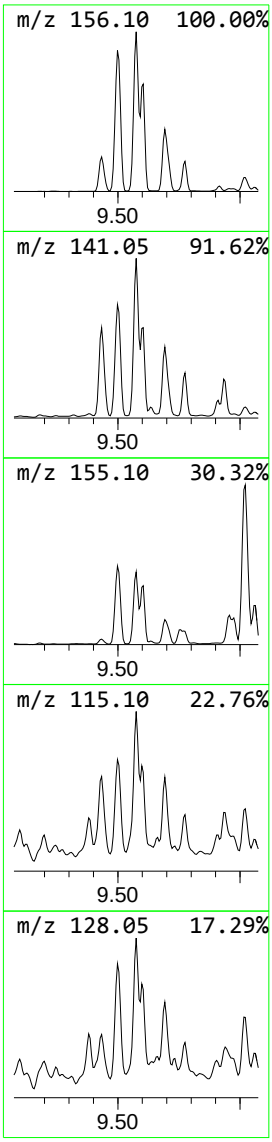
Peak Number 8 Naphthalene, 1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	60.06 ng	1358060	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Operator : RC/JU
Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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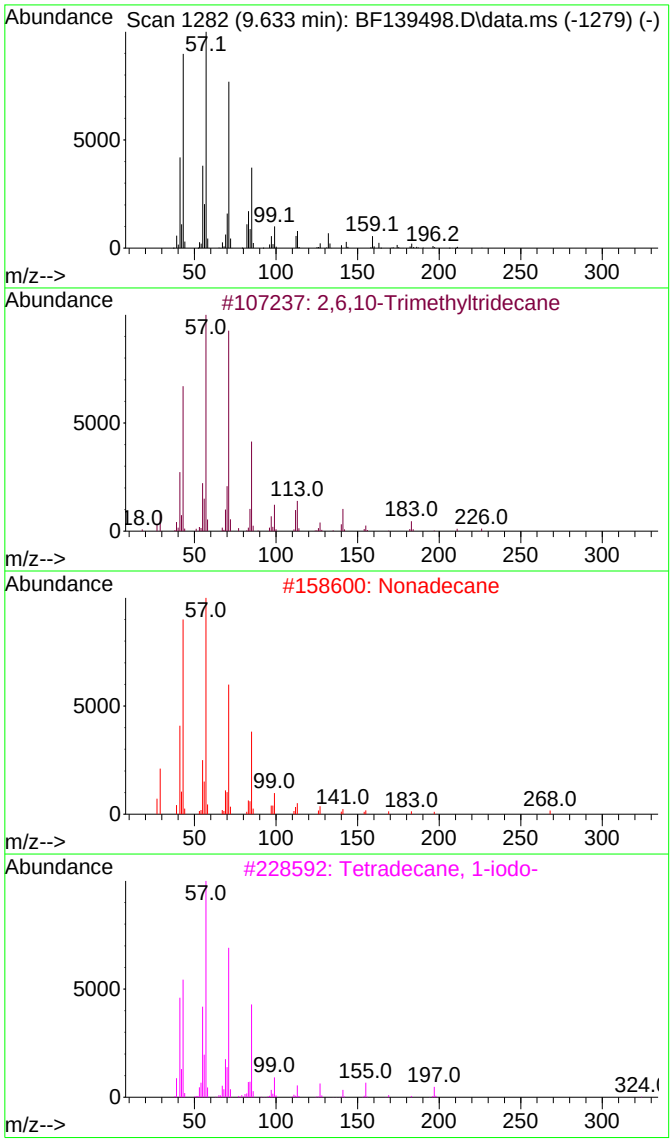
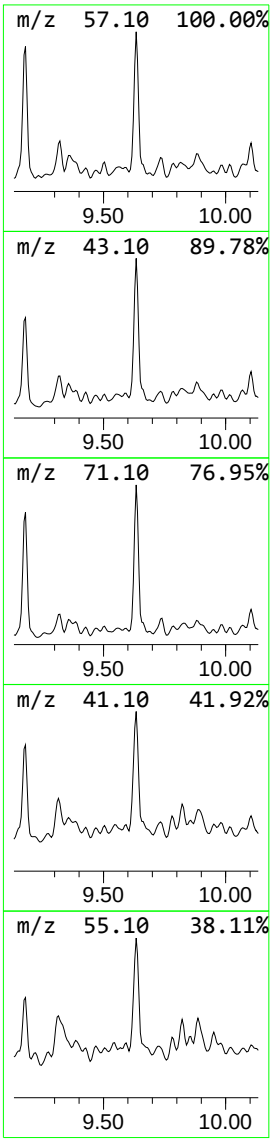
Peak Number 9 2,6,10-Trimethyltridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.633	60.29 ng	1363310	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	87
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78





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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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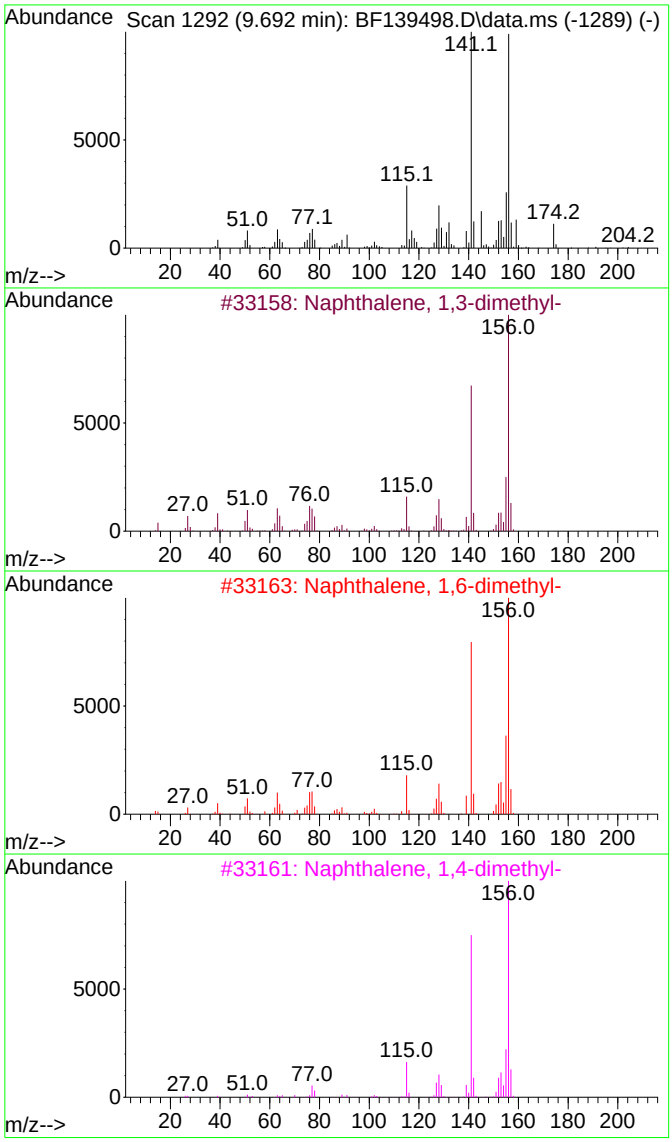
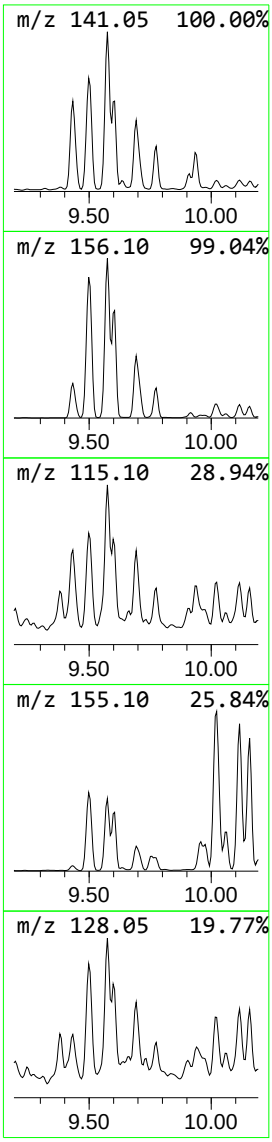
Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	20.57 ng	464996	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Sample : P4103-04
Misc :
ALS Vial : 7 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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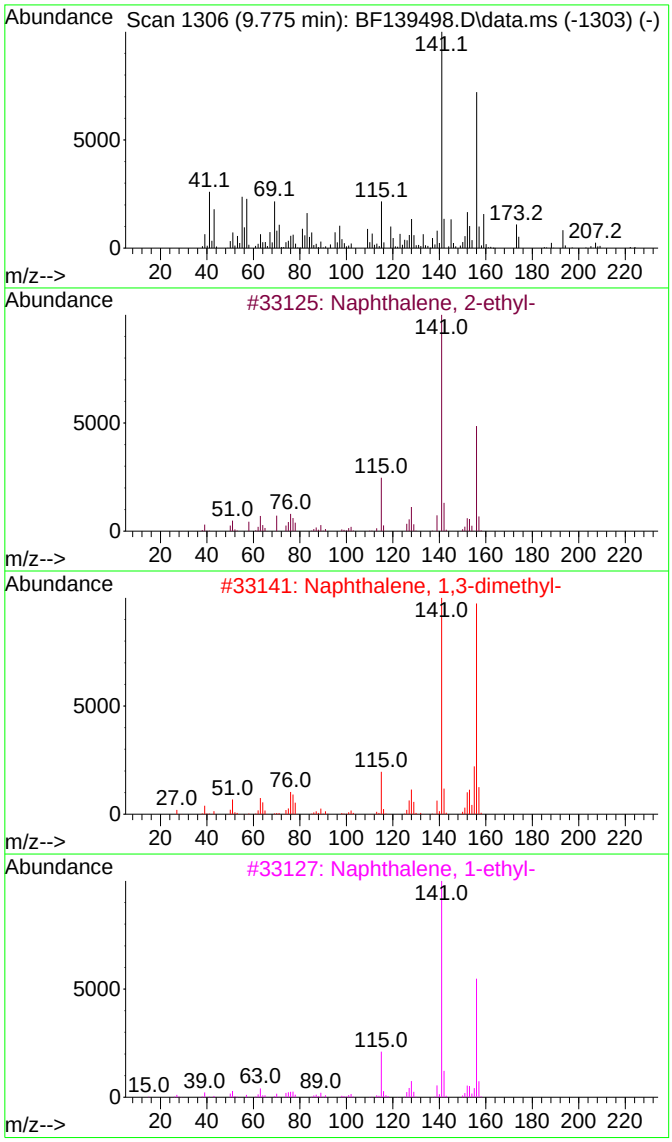
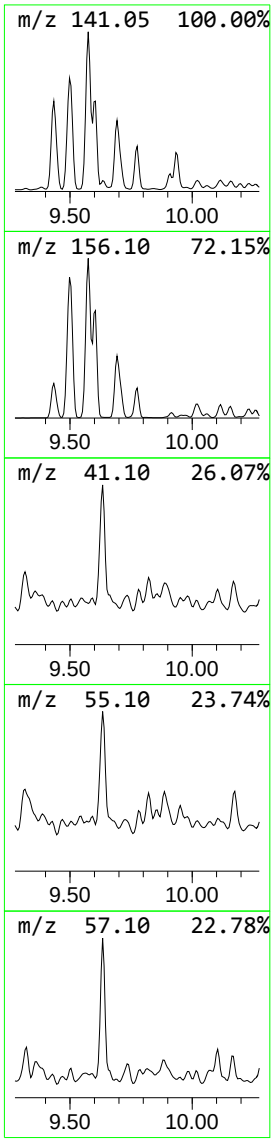
Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.775	16.43 ng	371426	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90





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Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14-5-7.5A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

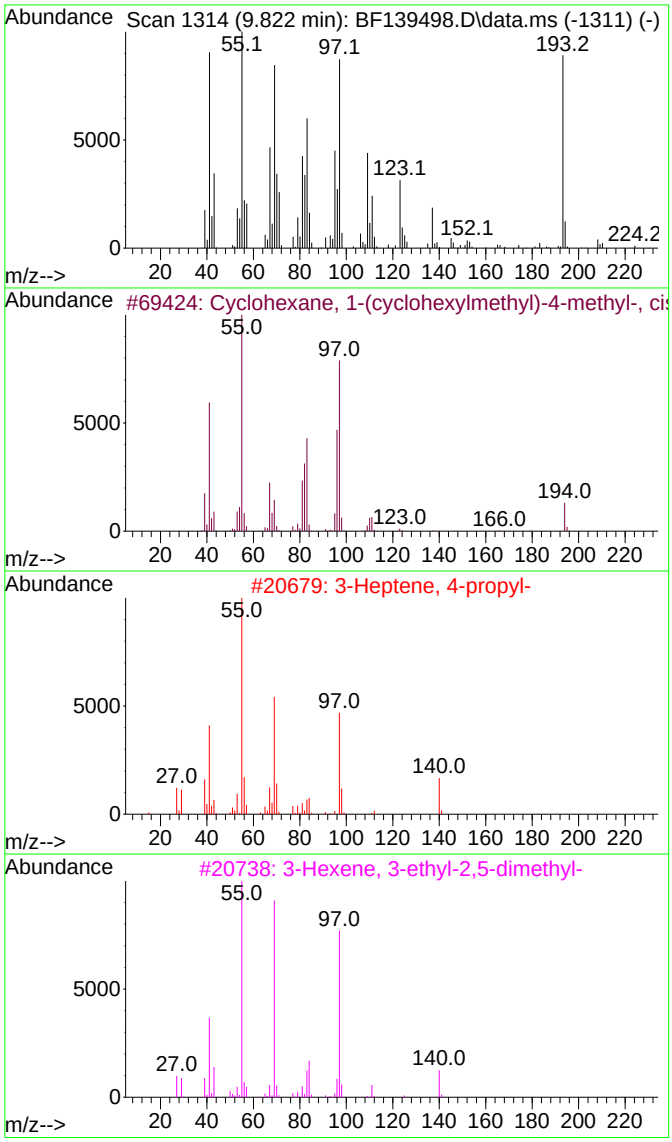
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

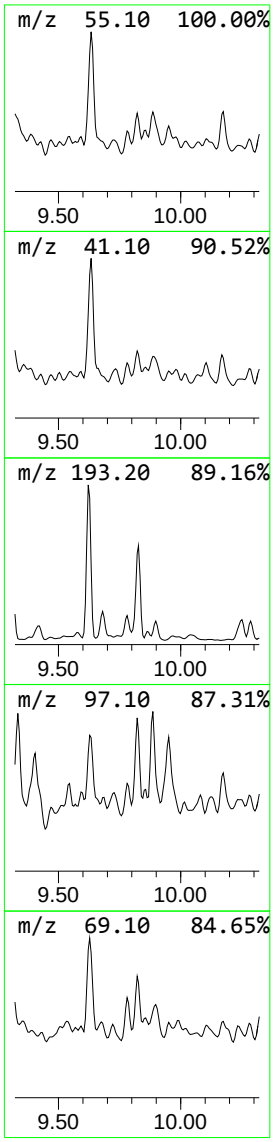
****

Peak Number 12 unknown9.822 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.822	10.58 ng	239311	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	30
2	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	27
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	27
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	25
5	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	25





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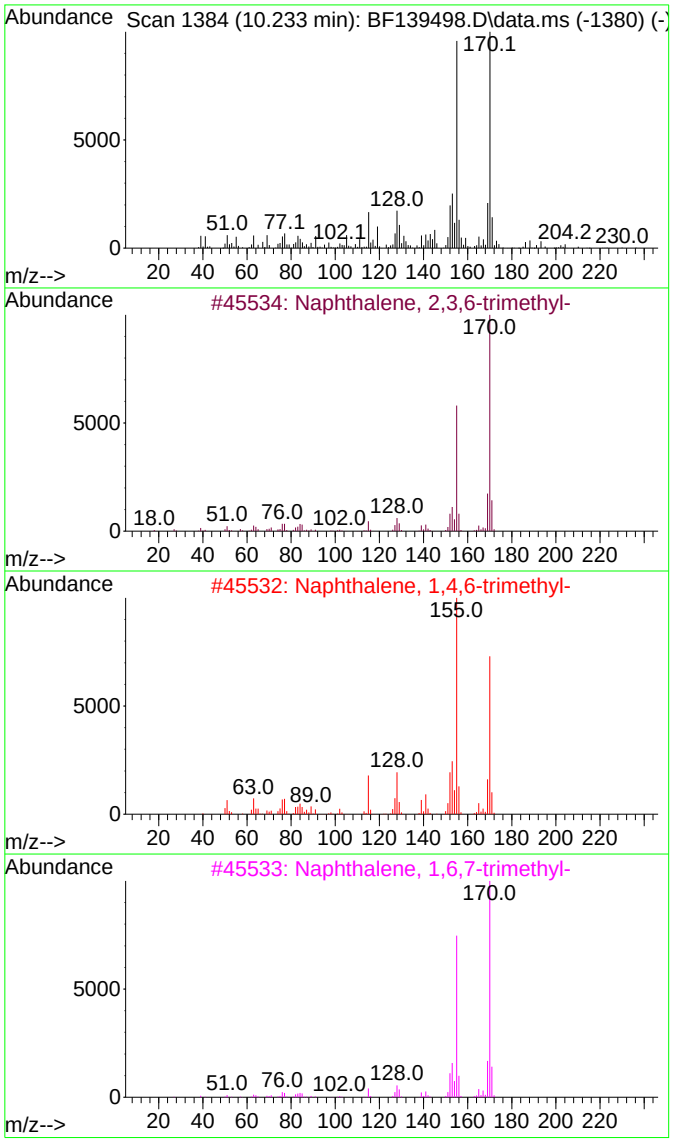
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

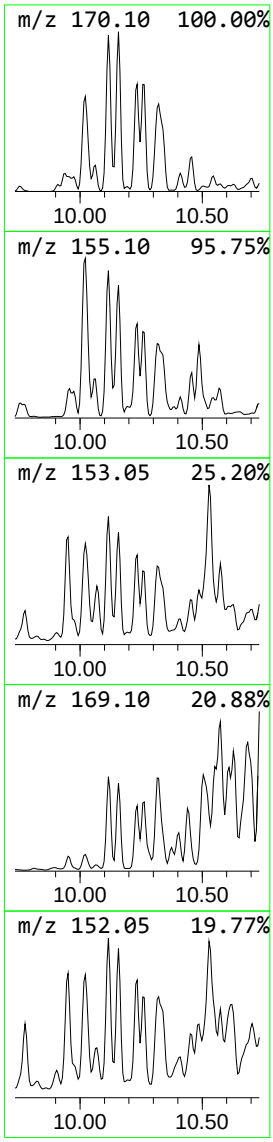
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	24.24 ng	548081	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





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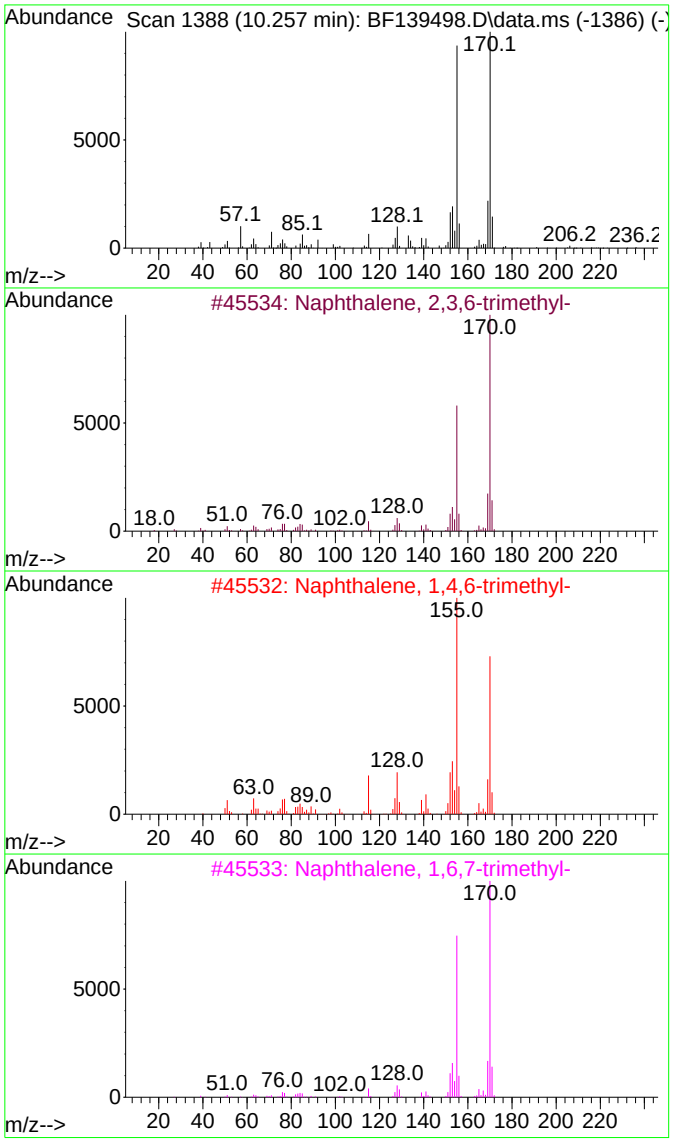
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

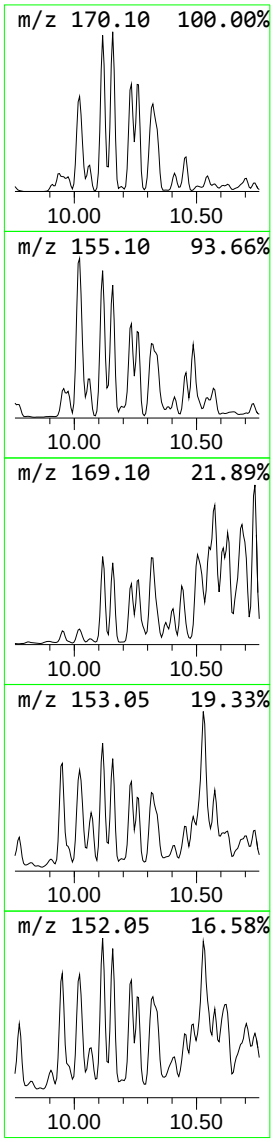
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	14.17 ng	320355	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	72





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14-5-7.5A

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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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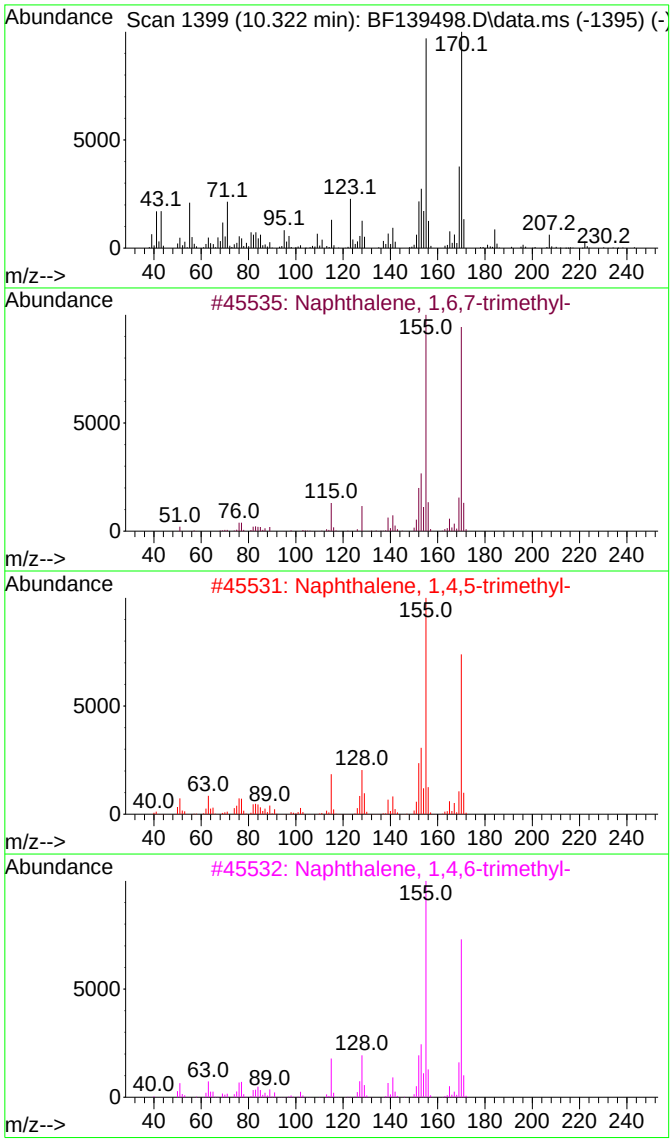
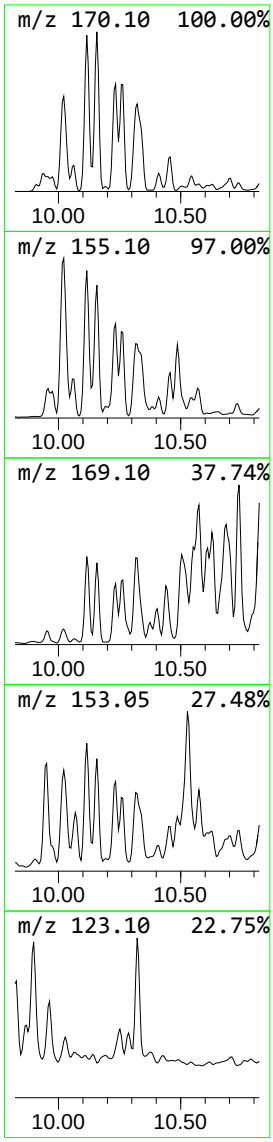
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	26.49 ng	598876	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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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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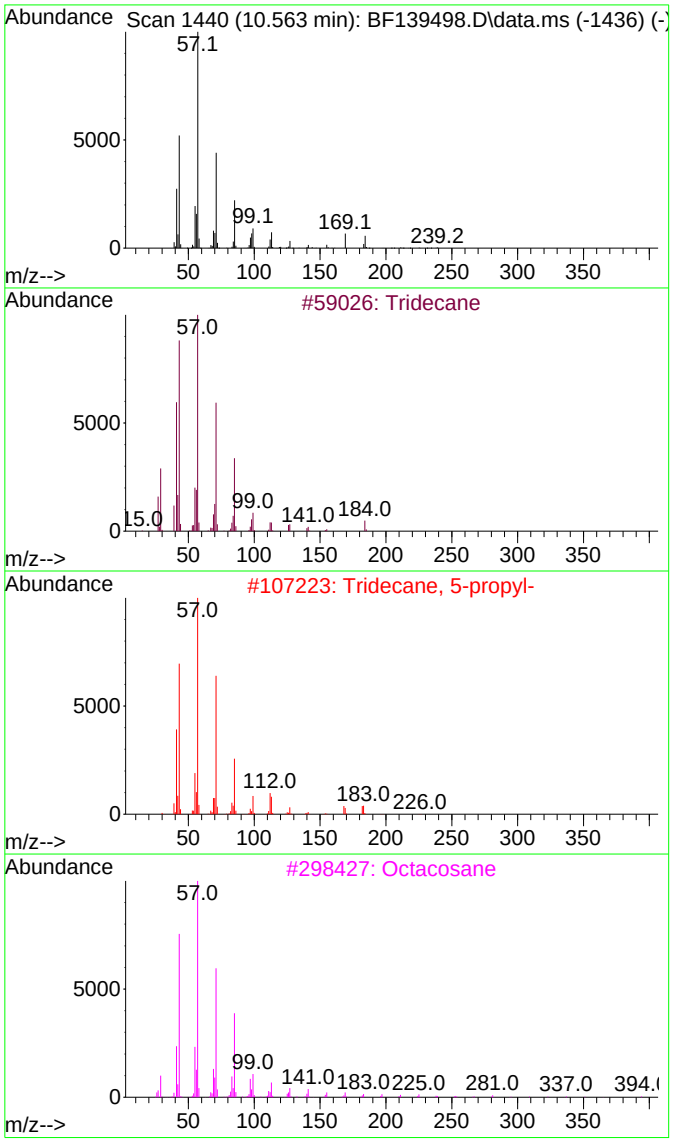
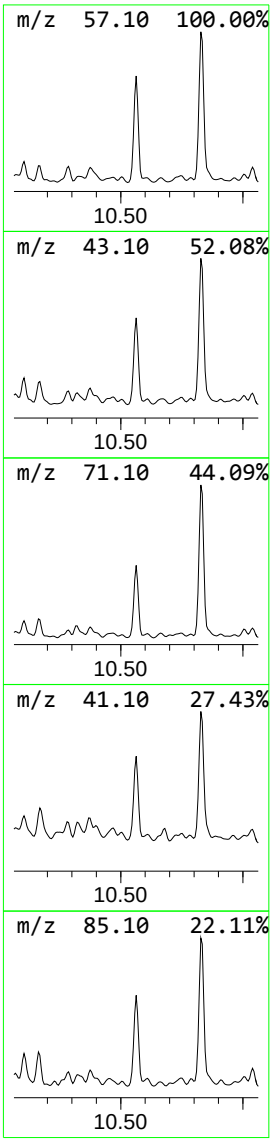
Peak Number 16 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.563	51.74 ng	1169990	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	74
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3	Octacosane	394	C28H58	000630-02-4	64
4	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	64
5	Decane, 2-methyl-	156	C11H24	006975-98-0	64





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Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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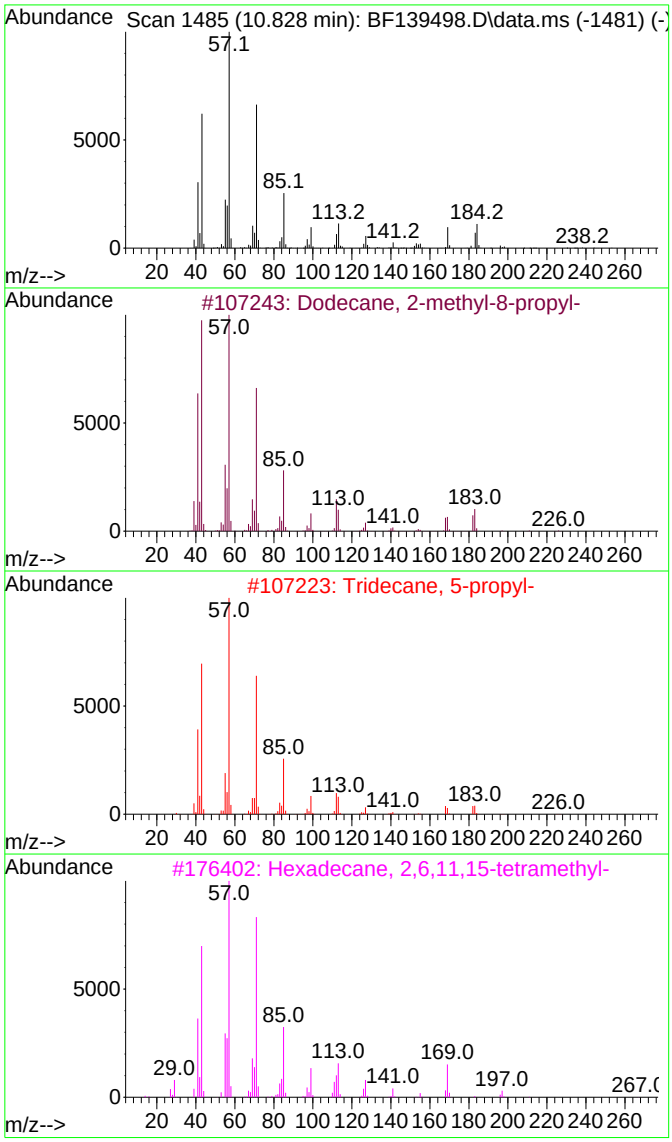
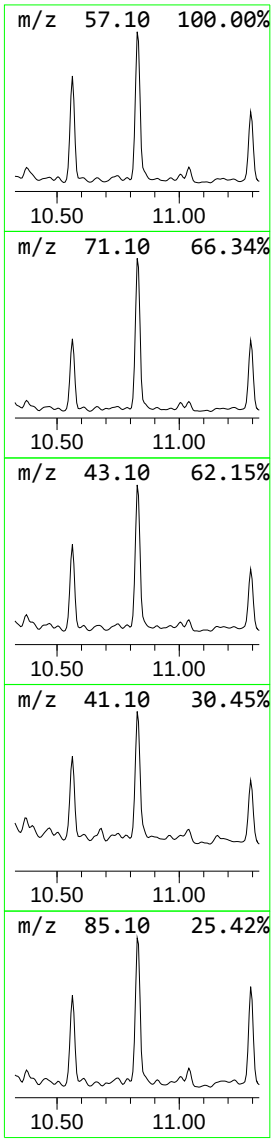
Peak Number 17 Dodecane, 2-methyl-8-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.828	63.55 ng	1885100	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	68
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	64
5	Eicosane	282	C20H42	000112-95-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139498.D
Acq On : 20 Sep 2024 13:19
Operator : RC/JU
Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

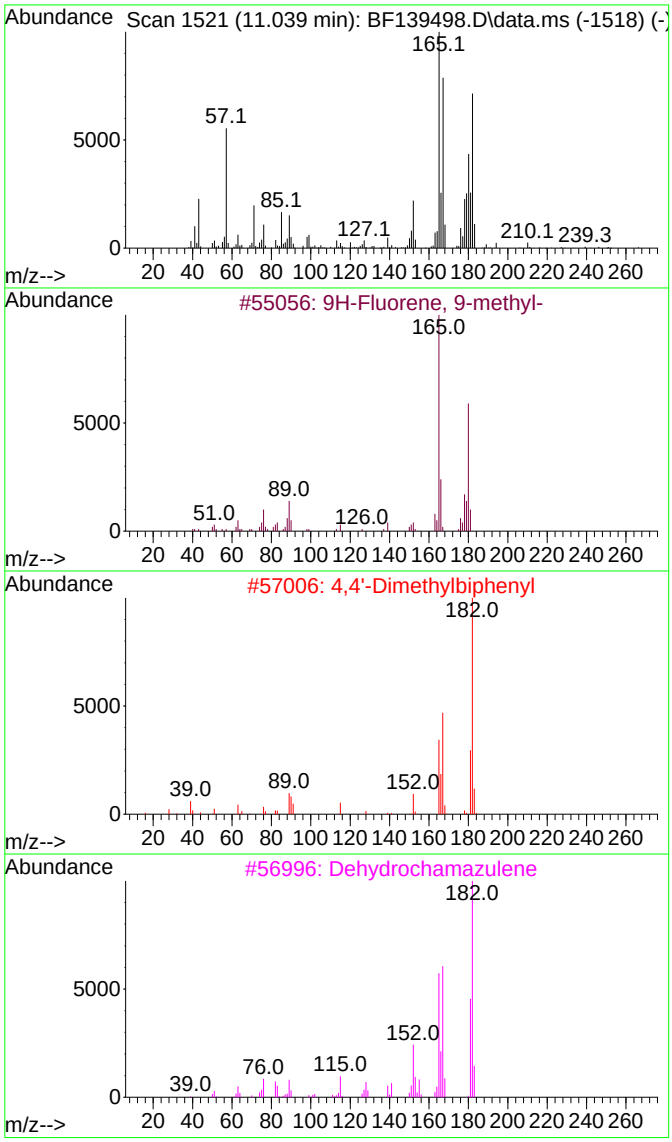
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

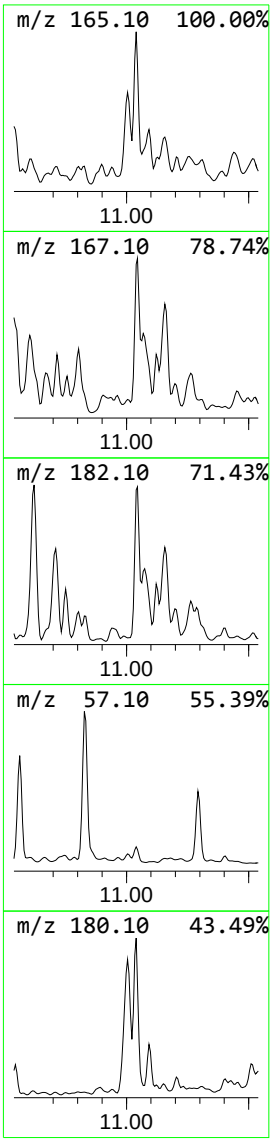
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9H-Fluorene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.039	12.02 ng	356694	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
3	Dehydrochamazulene	182	C14H14	321732-25-6	64
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	60
5	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139498.D
Acq On : 20 Sep 2024 13:19
Operator : RC/JU
Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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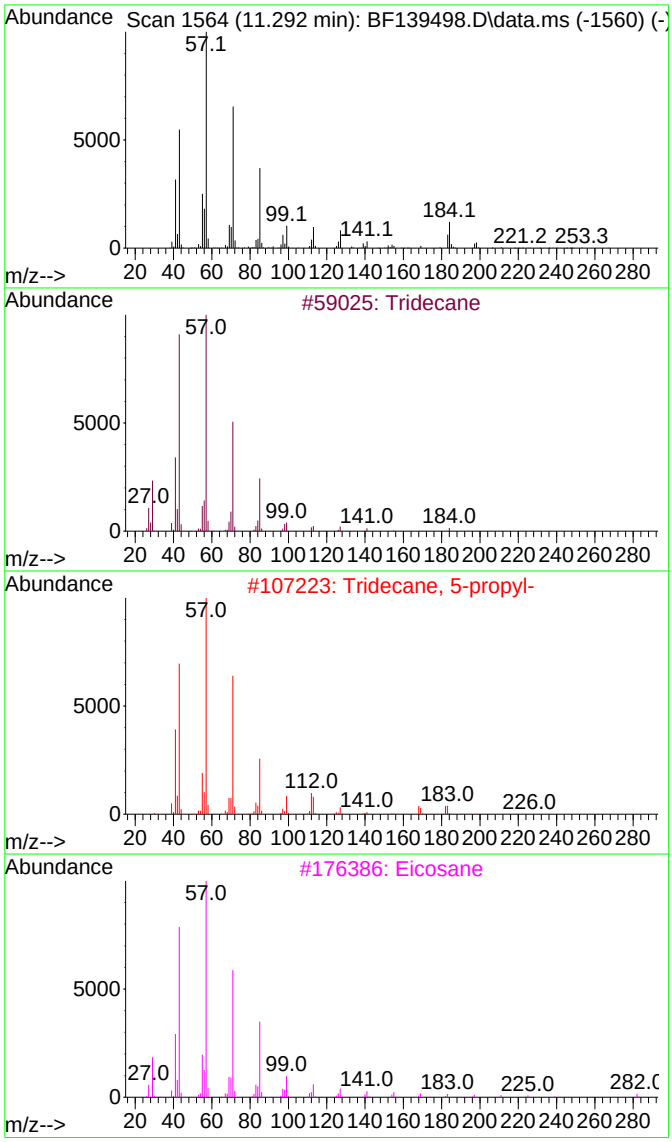
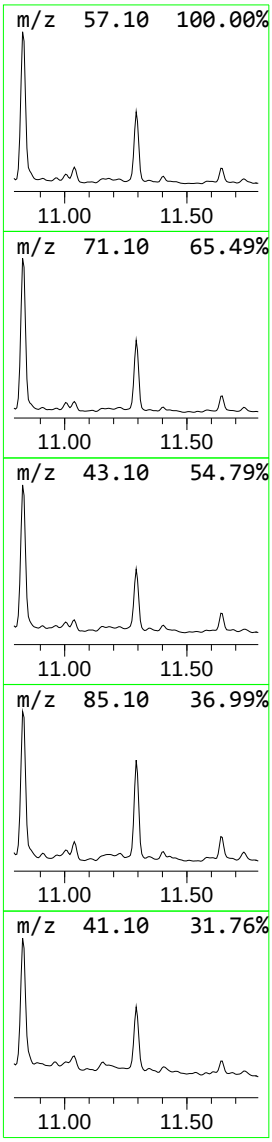
Peak Number 19 Tridecane, 5-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	35.31 ng	1047370	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3	Eicosane	282	C20H42	000112-95-8	80
4	Nonadecane	268	C19H40	000629-92-5	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139498.D
Acq On : 20 Sep 2024 13:19
Operator : RC/JU
Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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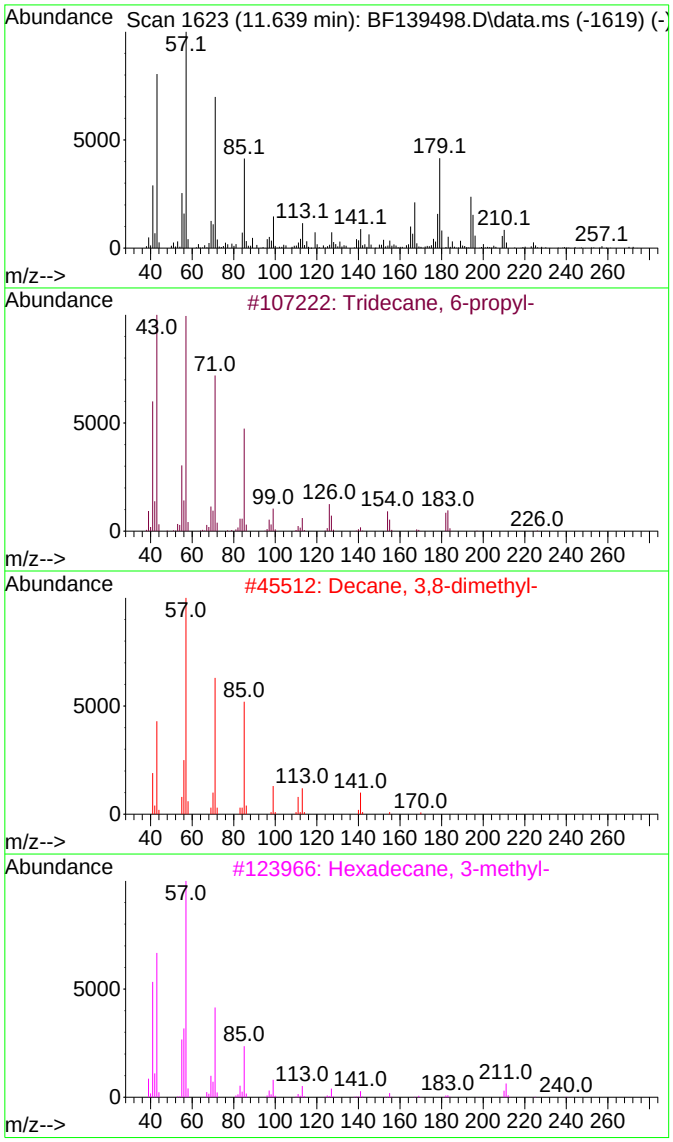
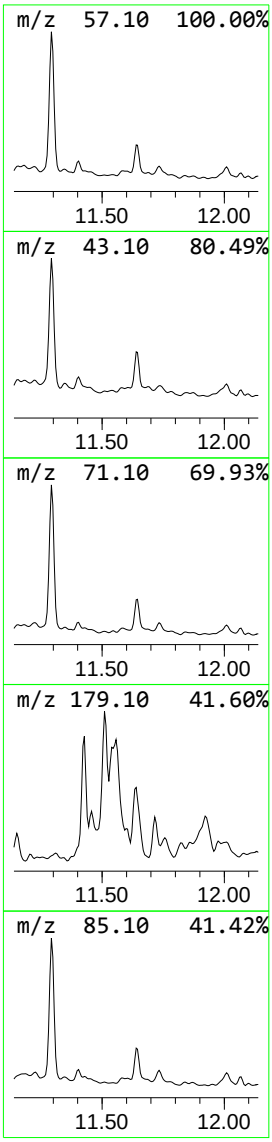
Peak Number 20 Tridecane, 6-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	14.87 ng	441243	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	50
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	42
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	42
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	42
5	Hentriacontane	437	C31H64	000630-04-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139498.D
Acq On : 20 Sep 2024 13:19
Operator : RC/JU
Sample : P4103-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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
Butane, 2-metho...	2.152	23.6	ng	782241	1	6.875	663153	20.0
Cyclohexane, pe...	9.063	10.6	ng	238754	3	9.916	452219	20.0
Nonane, 3,7-dim...	9.181	39.2	ng	885833	3	9.916	452219	20.0
1-Decanol, 2-he...	9.316	25.0	ng	565544	3	9.916	452219	20.0
1H-Indene, 2,3-...	9.381	11.2	ng	253841	3	9.916	452219	20.0
Naphthalene, 2-...	9.433	18.9	ng	427639	3	9.916	452219	20.0
Naphthalene, 2,...	9.498	49.1	ng	1110300	3	9.916	452219	20.0
Naphthalene, 1,...	9.575	60.1	ng	1358060	3	9.916	452219	20.0
2,6,10-Trimethy...	9.633	60.3	ng	1363310	3	9.916	452219	20.0
Naphthalene, 1,...	9.692	20.6	ng	464996	3	9.916	452219	20.0
Naphthalene, 1-...	9.775	16.4	ng	371426	3	9.916	452219	20.0
unknown9.822	9.822	10.6	ng	239311	3	9.916	452219	20.0
Naphthalene, 2,...	10.233	24.2	ng	548081	3	9.916	452219	20.0
Naphthalene, 1,...	10.257	14.2	ng	320355	3	9.916	452219	20.0
Naphthalene, 1,...	10.322	26.5	ng	598876	3	9.916	452219	20.0
Tridecane	10.563	51.7	ng	1169990	3	9.916	452219	20.0
Dodecane, 2-met...	10.828	63.5	ng	1885100	4	11.404	593302	20.0
9H-Fluorene, 9-...	11.039	12.0	ng	356694	4	11.404	593302	20.0
Tridecane, 5-pr...	11.292	35.3	ng	1047370	4	11.404	593302	20.0
Tridecane, 6-pr...	11.639	14.9	ng	441243	4	11.404	593302	20.0