LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128249.D
Acq On : 13 May 2022 20:08
Operator : CG\JU
Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14A-TP-5R

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128249.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.198	314	325	329	rBV	330248	492788	9.47%	0.423%
2	4.534	372	382	387	rVB3	324746	478014	9.18%	0.410%
3	5.010	456	463	465	rBV3	369678	545536	10.48%	0.468%
4	5.092	473	477	481	rBV	547283	595406	11.44%	0.511%
5	5.292	505	511	514	rBV2	454983	656477	12.61%	0.563%
6	5.469	538	541	544	rVV2	482637	509144	9.78%	0.437%
7	5.510	544	548	555	rVB	882954	1020643	19.61%	0.876%
8	5.734	582	586	589	rVV2	500091	600339	11.53%	0.515%
9	5.904	608	615	618	rVB4	546254	795772	15.29%	0.683%
10	5.945	618	622	626	rBV4	302609	494400	9.50%	0.424%
11	6.039	636	638	642	rVB2	613345	549083	10.55%	0.471%
12	6.122	647	652	659	rBV2	1059099	1965118	37.75%	1.686%
13	6.181	659	662	665	rVB	610023	519789	9.99%	0.446%
14	6.316	680	685	688	rBV3	703409	966212	18.56%	0.829%
15	6.375	693	695	698	rVB	620614	483942	9.30%	0.415%
16	6.410	698	701	705	rBV4	1053388	1600285	30.75%	1.373%
17	6.522	717	720	723	rBV2	1030652	973109	18.70%	0.835%
18	6.622	732	737	741	rBV4	616921	1005627	19.32%	0.863%
19	6.657	741	743	749	rVB3	522520	621826	11.95%	0.534%
20	6.710	749	752	755	rBV	1765812	1713549	32.92%	1.471%
21	6.886	779	782	785	rVB	1497726	1430514	27.48%	1.228%
22	6.939	787	791	794	rVB3	582838	503947	9.68%	0.432%
23	7.028	803	806	810	rBV	1042980	1167758	22.44%	1.002%
24	7.151	822	827	830	rVB4	1153942	1377344	26.46%	1.182%
25	7.204	834	836	842	rVB3	596531	972443	18.68%	0.835%
26	7.281	842	849	851	rBV2	985049	1367822	26.28%	1.174%
27	7.304	851	853	858	rVB4	365152	512148	9.84%	0.440%
28	7.416	867	872	875	rBV3	1195199	1645439	31.61%	1.412%
29	7.457	875	879	880	rBV2	1056578	1065253	20.47%	0.914%
30	7.475	880	882	886	rVB	1538533	1401332	26.92%	1.203%
31	7.528	886	891	894	rBV5	1051392	1600928	30.76%	1.374%
32	7.586	894	901	905	rBV5	687213	1603846	30.81%	1.376%
33	7.657	911	913	915	rBV	967933	746947	14.35%	0.641%
34	7.692	915	919	921	rVB2	705758	904061	17.37%	0.776%
35	7.763	927	931	932	rBV2	462658	471190	9.05%	0.404%
36	7.786	932	935	937	rVV	1084512	1066148	20.48%	0.915%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.810	937	939	942	rVV2	1165347	1217497	23.39%	1.045%
38	7.839	942	944	948	rVB2	663306	789828	15.17%	0.678%
39	7.881	948	951	953	rBV3	462398	470175	9.03%	0.403%
40	7.910	953	956	959	rBV2	1335627	1333172	25.61%	1.144%
41	7.986	966	969	972	rVB3	488854	535825	10.29%	0.460%
42	8.039	975	978	981	rBV2	738709	705654	13.56%	0.606%
43	8.122	990	992	993	rVV2	554955	487631	9.37%	0.418%
44	8.145	993	996	1000	rVV2	2012535	2486575	47.77%	2.134%
45	8.192	1003	1004	1006	rVV	827564	680062	13.07%	0.584%
46	8.228	1006	1010	1012	rVB	3169381	3119326	59.93%	2.677%
47	8.257	1012	1015	1017	rBV3	1006366	1047743	20.13%	0.899%
48	8.322	1023	1026	1028	rBV4	452416	534288	10.26%	0.459%
49	8.375	1032	1035	1037	rVB2	749403	691011	13.28%	0.593%
50	8.463	1046	1050	1054	rVB3	1771535	2193306	42.14%	1.882%
51	8.510	1056	1058	1061	rVV3	536740	518678	9.96%	0.445%
52	8.545	1061	1064	1068	rVB4	986455	1133082	21.77%	0.972%
53	8.592	1068	1072	1074	rBV	3320670	3140065	60.33%	2.695%
54	8.680	1084	1087	1089	rBV2	669836	642931	12.35%	0.552%
55	8.710	1089	1092	1094	rBV3	719733	793811	15.25%	0.681%
56	8.757	1098	1100	1104	rBV	1661968	1578413	30.32%	1.355%
57	8.851	1114	1116	1120	rVV2	1208932	1448484	27.83%	1.243%
58	8.892	1120	1123	1126	rVV	1623560	1298011	24.94%	1.114%
59	8.951	1130	1133	1135	rBV4	654344	818277	15.72%	0.702%
60	8.992	1138	1140	1142	rVV	1444089	1085647	20.86%	0.932%
61	9.039	1146	1148	1149	rBV	652811	526492	10.12%	0.452%
62	9.080	1152	1155	1159	rVB4	1141411	1380710	26.53%	1.185%
63	9.122	1159	1162	1166	rBV2	806205	798079	15.33%	0.685%
64	9.163	1167	1169	1171	rBV2	760632	602219	11.57%	0.517%
65	9.192	1171	1174	1180	rVB	3250501	2974478	57.15%	2.553%
66	9.251	1180	1184	1188	rVB	1046847	1157392	22.24%	0.993%
67	9.327	1193	1197	1202	rBV4	1440059	2166180	41.62%	1.859%
68	9.445	1215	1217	1222	rVB2	507716	569967	10.95%	0.489%
69	9.527	1226	1231	1233	rBV2	1303991	1895186	36.41%	1.626%
70	9.563	1235	1237	1239	rVV3	470133	473781	9.10%	0.407%
71	9.598	1239	1243	1245	rVV2	1678770	2122136	40.77%	1.821%
72	9.627	1245	1248	1249	rVV	1455599	1608124	30.90%	1.380%
73	9.651	1249	1252	1254	rVV3	3536420	3728249	71.63%	3.200%
74	9.710	1258	1262	1264	rBV3	744436	993385	19.09%	0.853%
75	9.751	1267	1269	1271	rVB2	662403	470971	9.05%	0.404%
76	9.798	1274	1277	1279	rVB	1124104	881954	16.94%	0.757%

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Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14A-TP-5R

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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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.845	1279	1285	1288	rBV3	725557	1325352	25.46%	1.137%
78	9.898	1291	1294	1295	rBV2	578820	573823	11.02%	0.492%
79	9.916	1295	1297	1299	rVV2	718113	624106	11.99%	0.536%
80	9.963	1303	1305	1309	rBV4	392375	524208	10.07%	0.450%
81	10.039	1314	1318	1322	rBV2	787468	1210427	23.26%	1.039%
82	10.080	1322	1325	1329	rBV5	670536	1031144	19.81%	0.885%
83	10.116	1329	1331	1333	rBV2	608760	636464	12.23%	0.546%
84	10.139	1333	1335	1338	rVB2	1092027	932973	17.92%	0.801%
85	10.180	1338	1342	1346	rBV2	1671704	2058080	39.54%	1.766%
86	10.251	1351	1354	1357	rBV	1103715	1236020	23.75%	1.061%
87	10.286	1357	1360	1365	rVB3	882758	1326455	25.48%	1.138%
88	10.345	1365	1370	1372	rBV4	1114894	1519424	29.19%	1.304%
89	10.480	1390	1393	1395	rBV3	625909	553560	10.64%	0.475%
90	10.580	1405	1410	1416	rVB	2678810	3248224	62.41%	2.788%
91	10.627	1416	1418	1424	rBV4	446491	595083	11.43%	0.511%
92	10.698	1427	1430	1432	rVB2	749525	639802	12.29%	0.549%
93	10.727	1432	1435	1438	rBV3	708976	741418	14.24%	0.636%
94	10.851	1451	1456	1459	rBV	4416715	5205002	100.00%	4.467%
95	11.022	1483	1485	1487	rBV	520238	501706	9.64%	0.431%
96	11.316	1531	1535	1541	rVB2	2737723	3194775	61.38%	2.742%
97	11.433	1551	1555	1557	rBV3	560236	844409	16.22%	0.725%
98	11.457	1557	1559	1565	rVB	569420	698090	13.41%	0.599%
99	11.663	1591	1594	1597	rBV2	1077779	1073204	20.62%	0.921%
100	12.616	1754	1756	1760	rBV4	651148	708492	13.61%	0.608%

Sum of corrected areas: 116525215

LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128249.D
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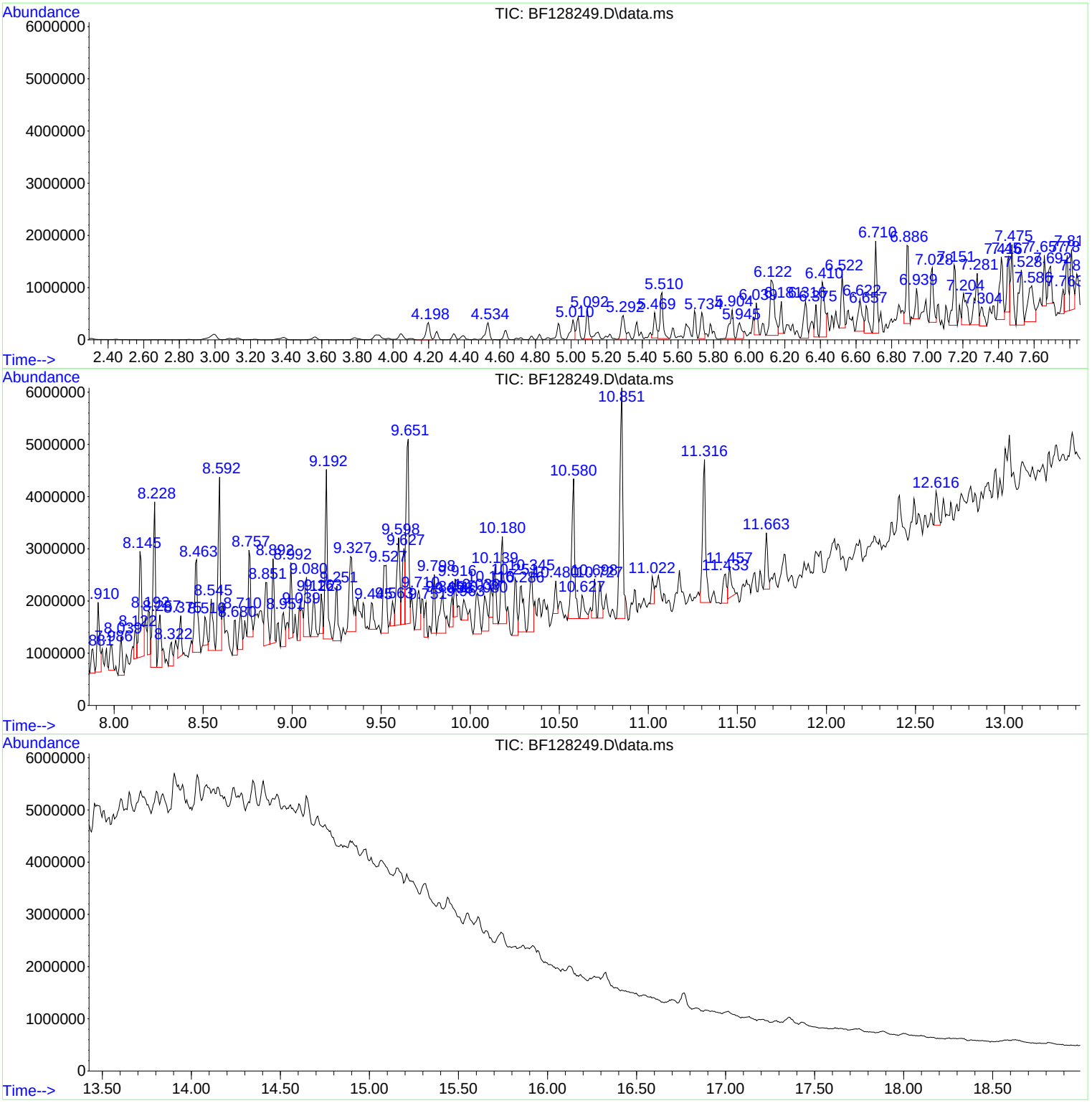
Operator : CG\JU
Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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\BF051322\
Data File : BF128249.D
Acq On : 13 May 2022 20:08
Operator : CG\JU
Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

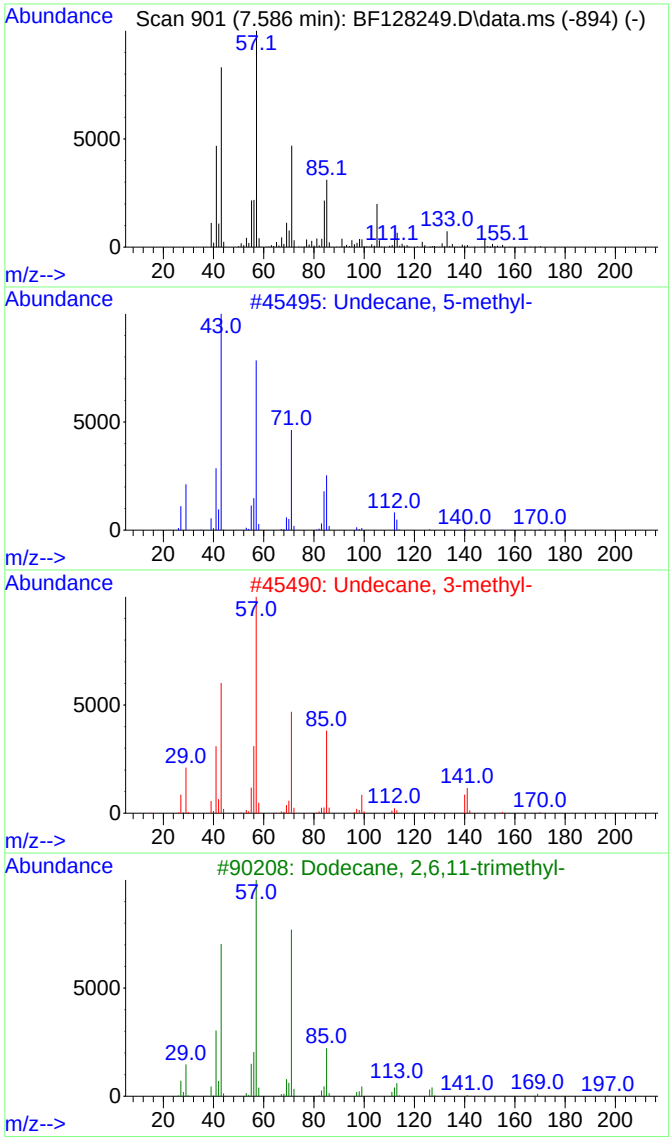
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

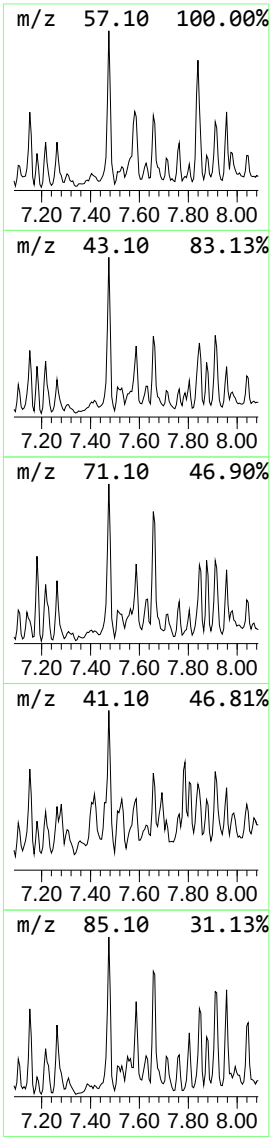
****

Peak Number 1 Undecane, 5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.586	47.17 ng	1603850	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	52
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	47
5	Tridecane	184	C13H28	000629-50-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
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Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

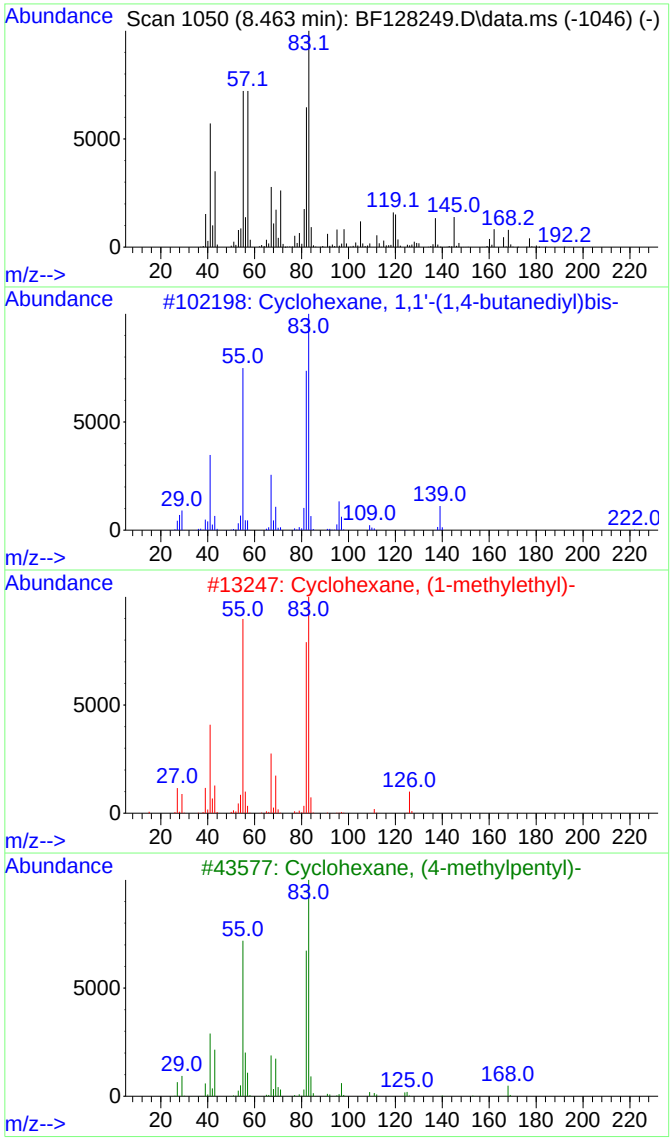
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

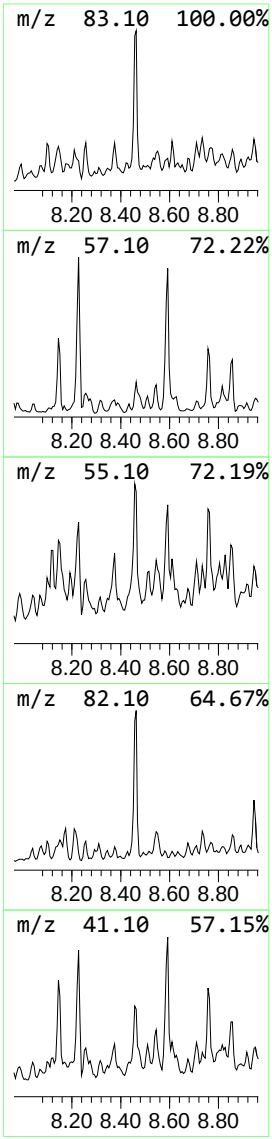
****

Peak Number 2 Cyclohexane, 1,1'-(1,4-buta... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	64.50 ng	2193310	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	53
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

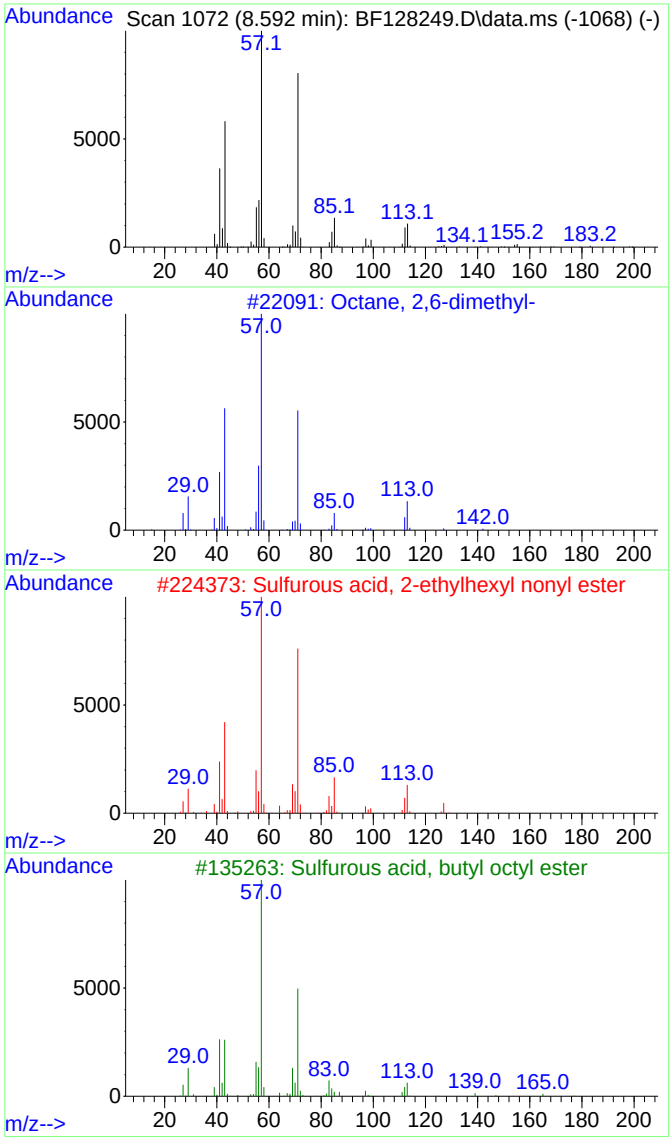
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

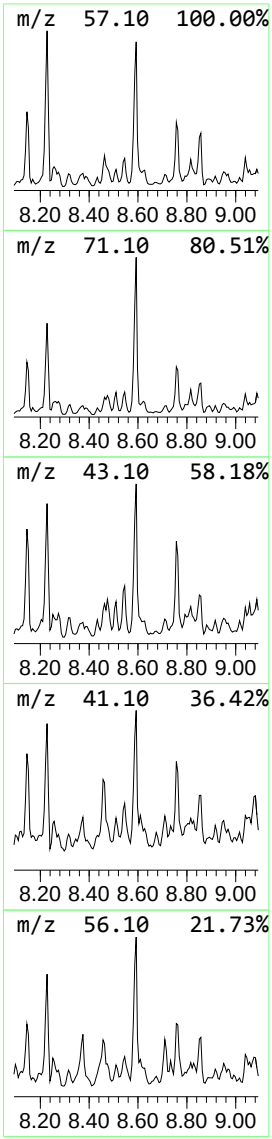
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.592	92.35 ng	3140070	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
3	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128249.D
Acq On : 13 May 2022 20:08
Operator : CG\JU
Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

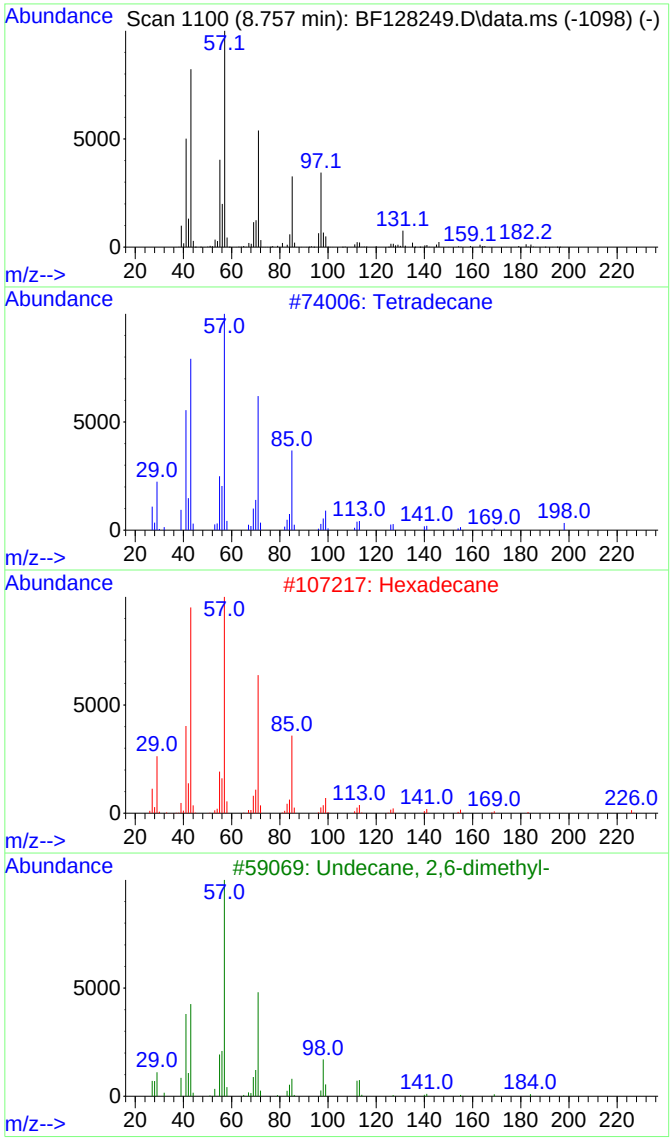
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

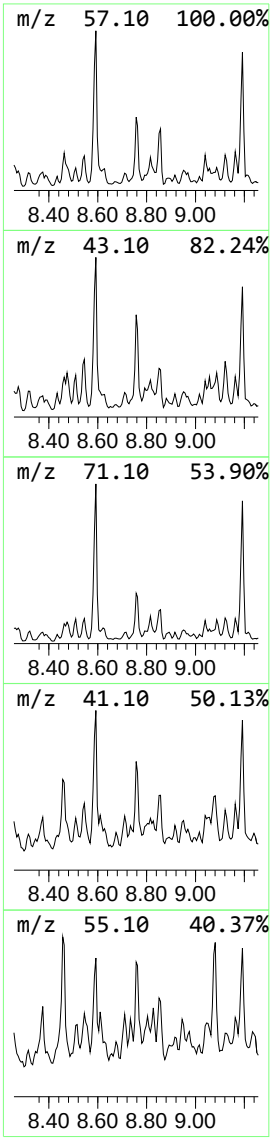
****

Peak Number 4 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.757	46.42 ng	1578410	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Hexadecane	226	C16H34	000544-76-3	59
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	53
5	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128249.D
Acq On : 13 May 2022 20:08
Operator : CG\JU
Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

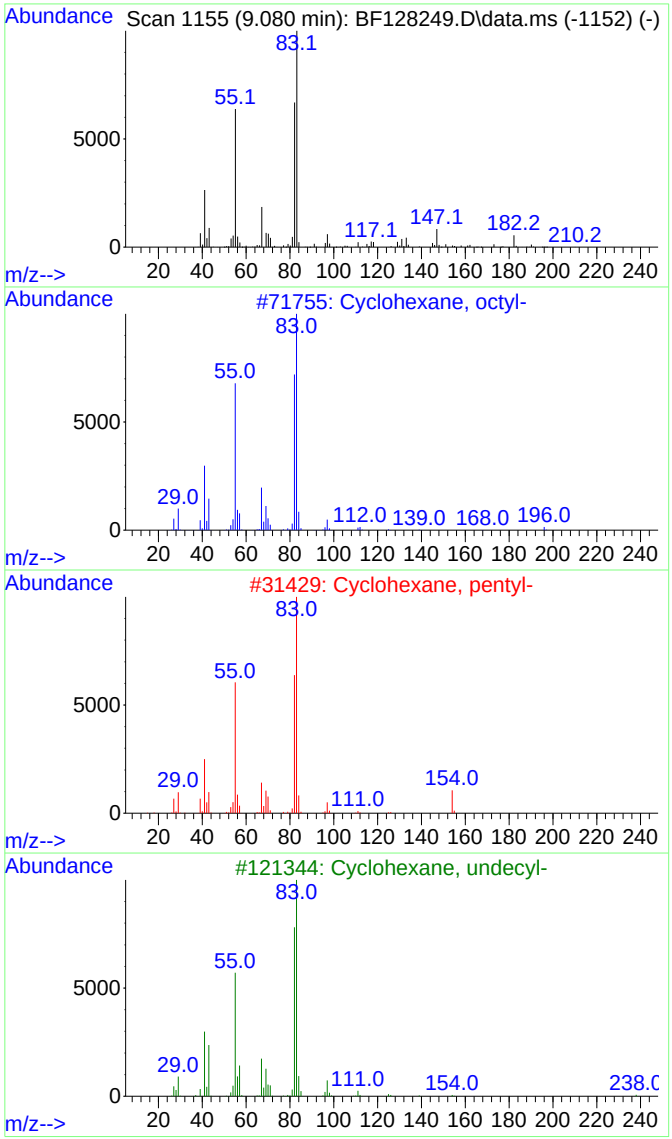
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

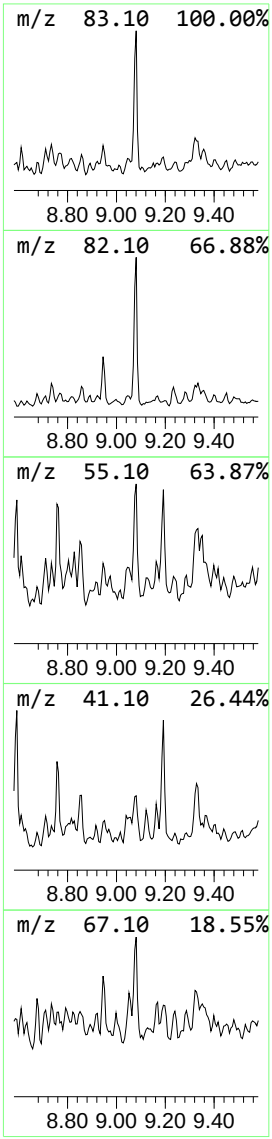
****

Peak Number 5 Cyclohexane, octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.080	52.68 ng	1380710	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	56
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	56
5	Oxalic acid, cyclohexyl tetradec...	368	C22H40O4	1000309-31-5	47





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Acq On : 13 May 2022 20:08
Operator : CG\JU
Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-TP-5R

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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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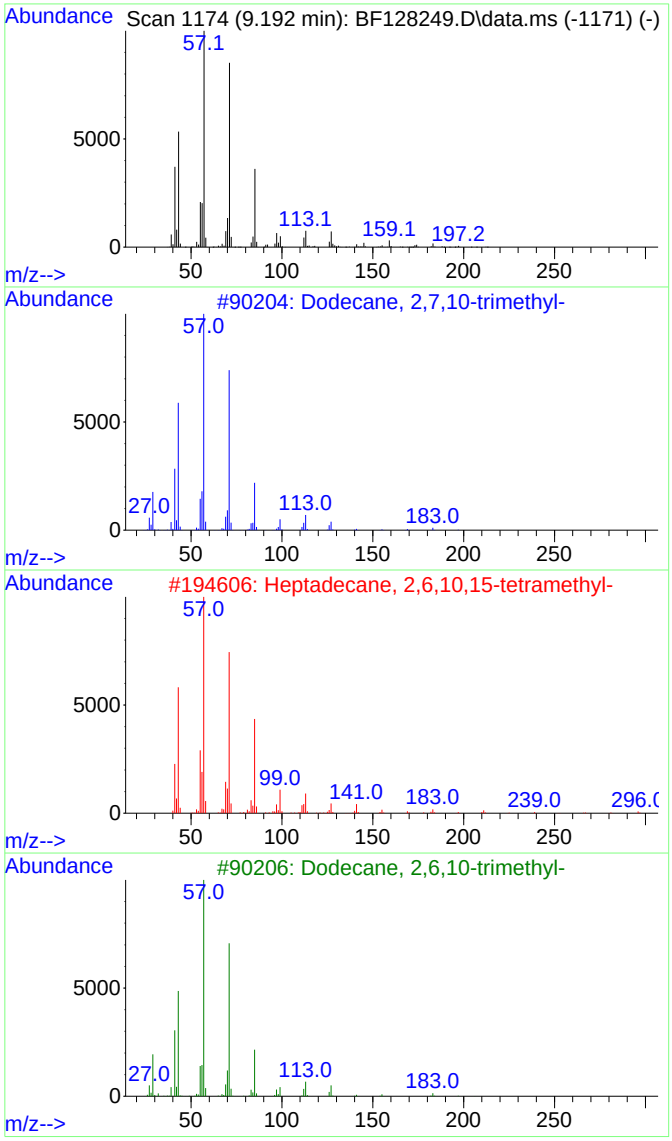
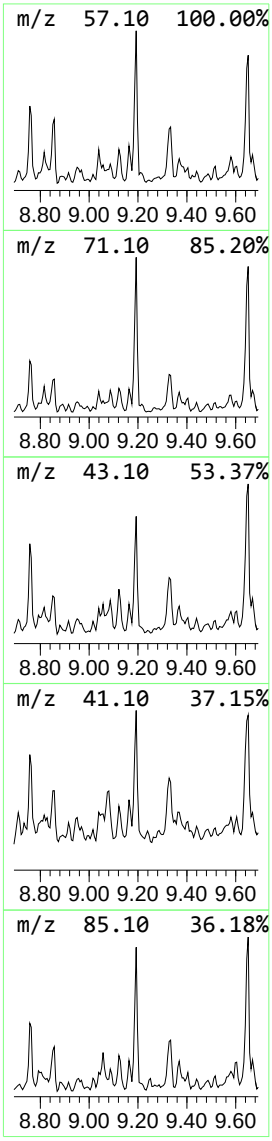
Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	113.49 ng	2974480	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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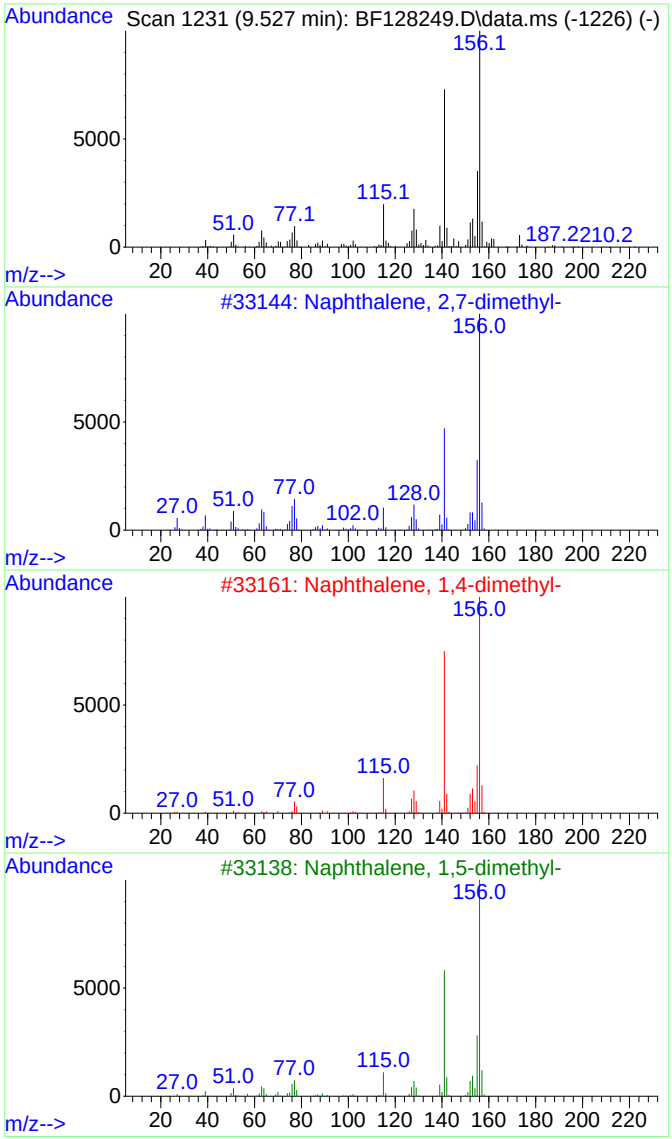
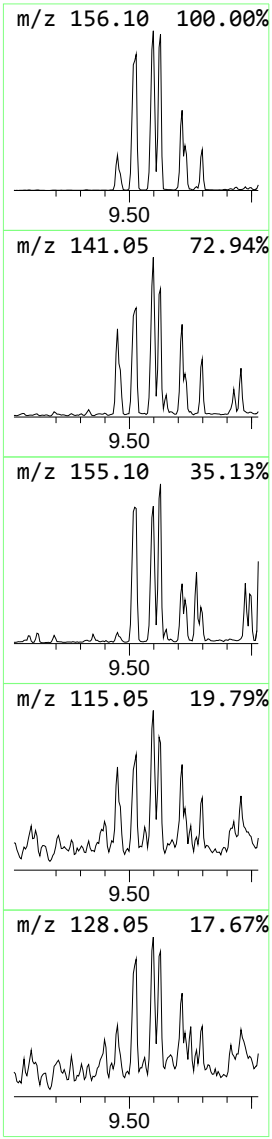
Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.527	72.31 ng	1895190	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-TP-5R

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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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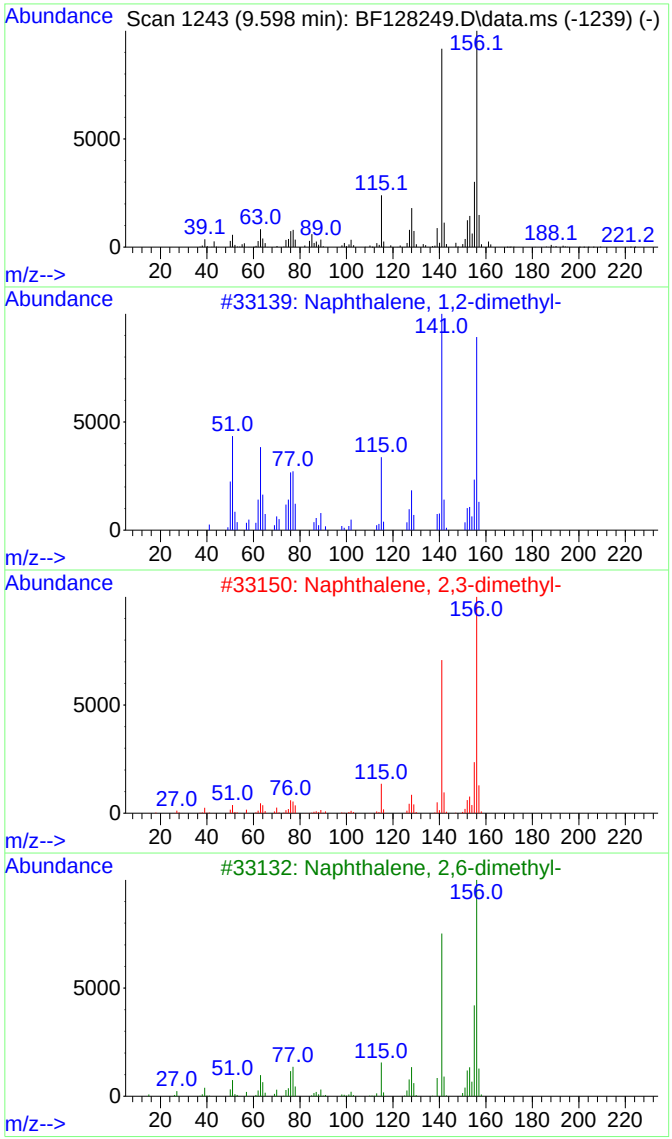
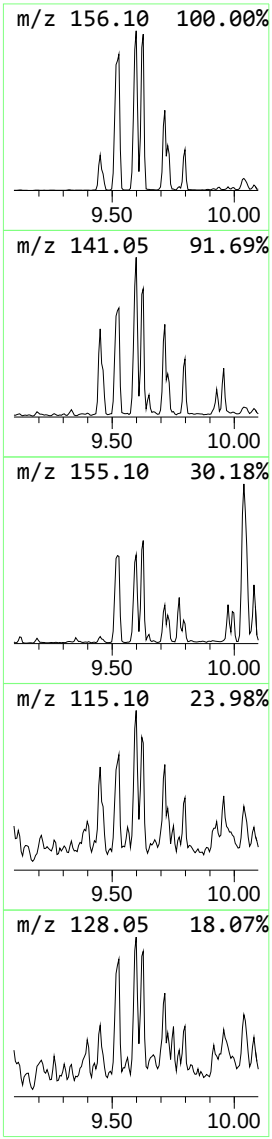
Peak Number 8 Naphthalene, 1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	80.97 ng	2122140	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Operator : CG\JU
Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-TP-5R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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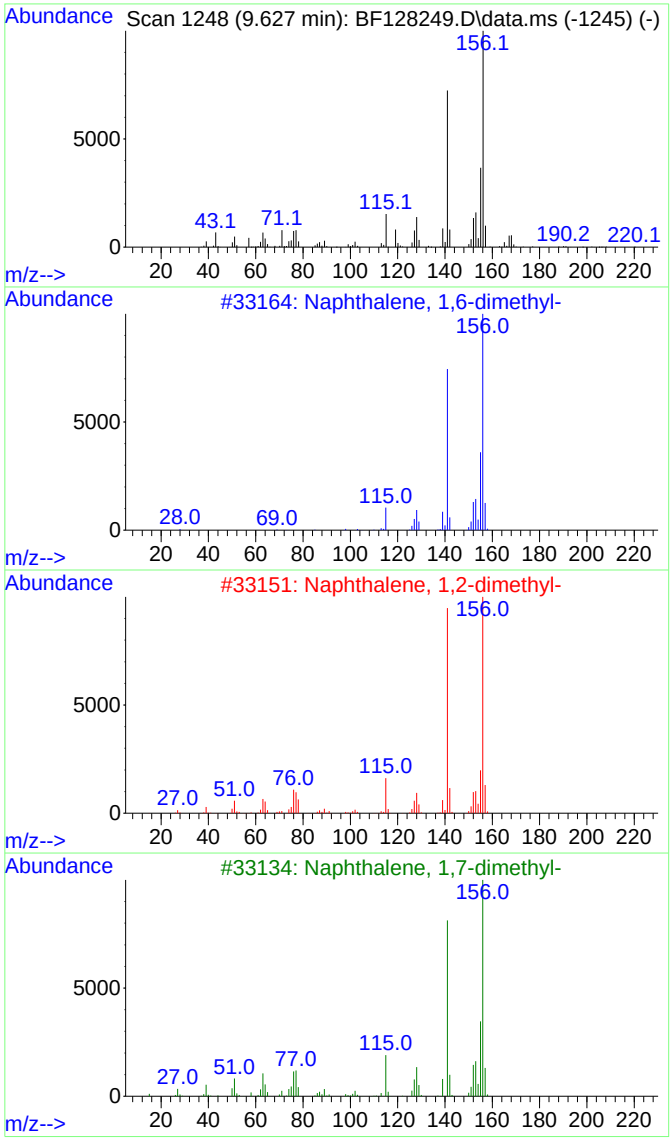
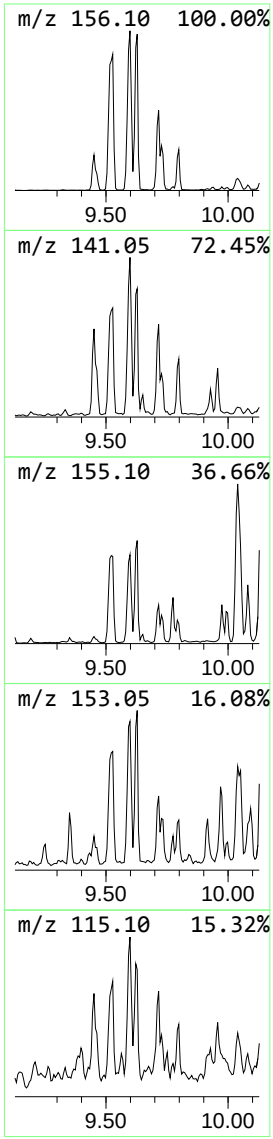
Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.627	61.35 ng	1608120	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





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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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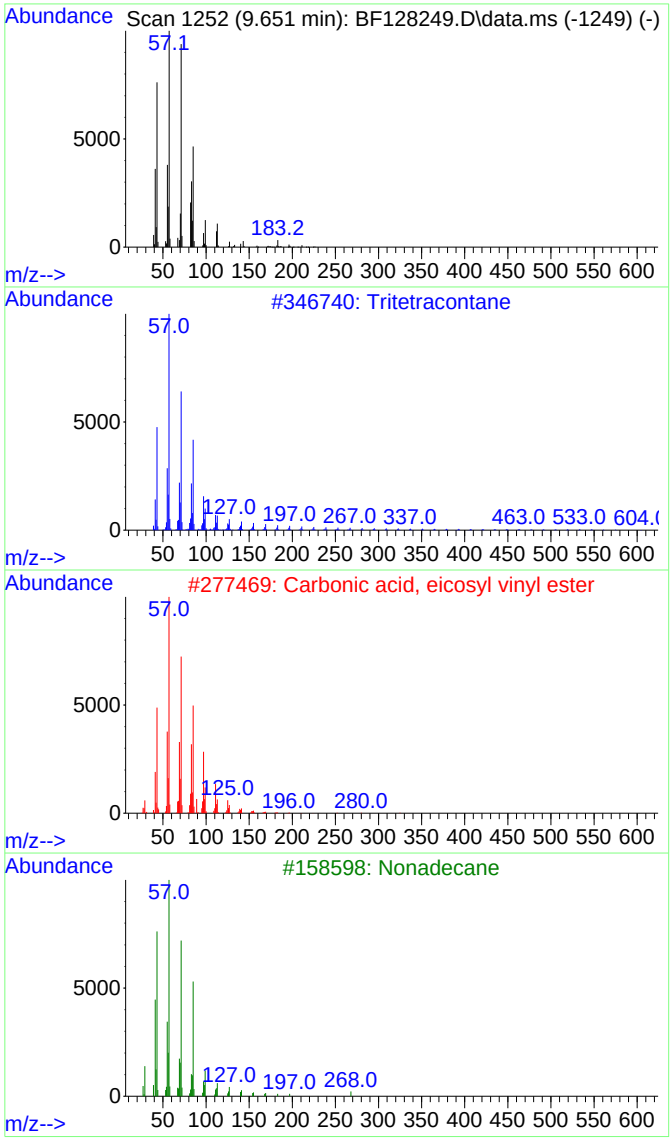
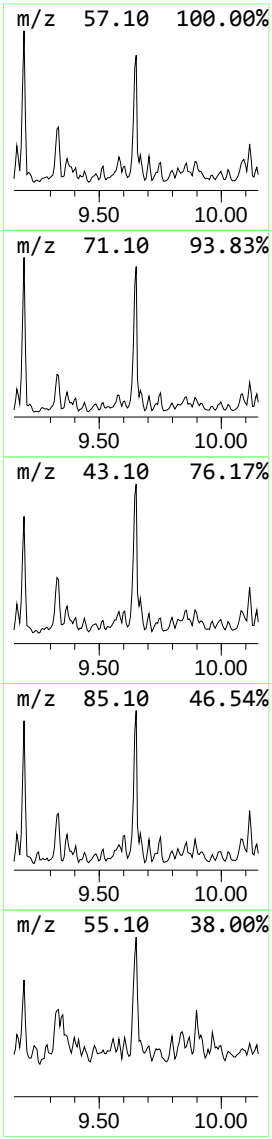
Peak Number 10 Tritetracontane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	142.24 ng	3728250	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	86
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3	Nonadecane	268	C19H40	000629-92-5	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	Tetradecane	198	C14H30	000629-59-4	64





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Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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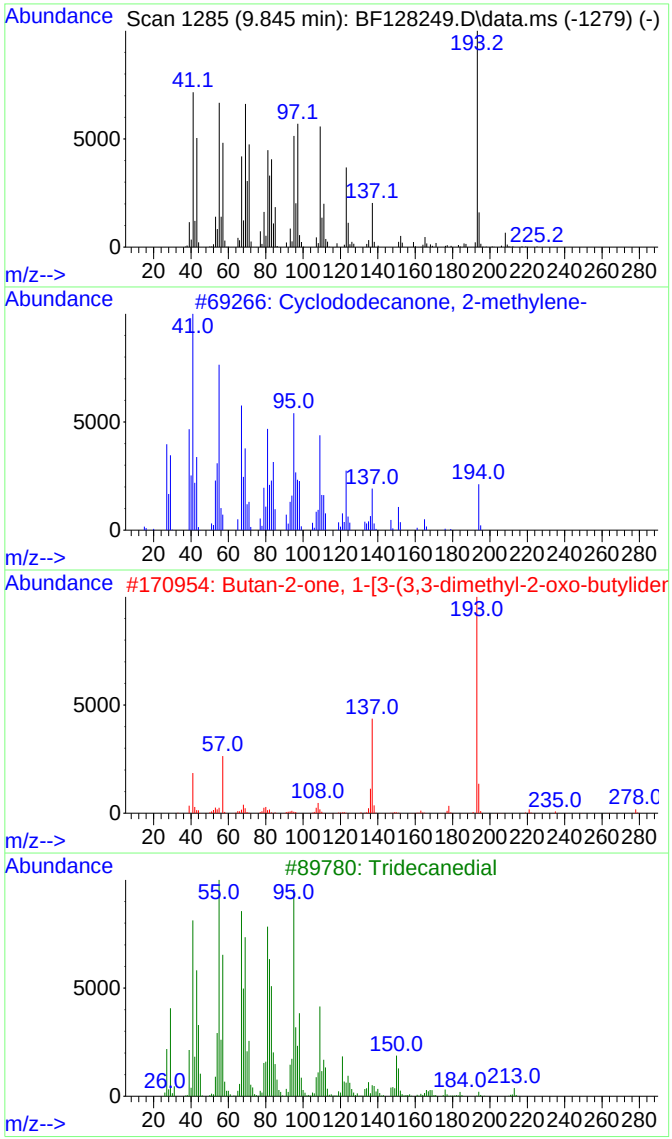
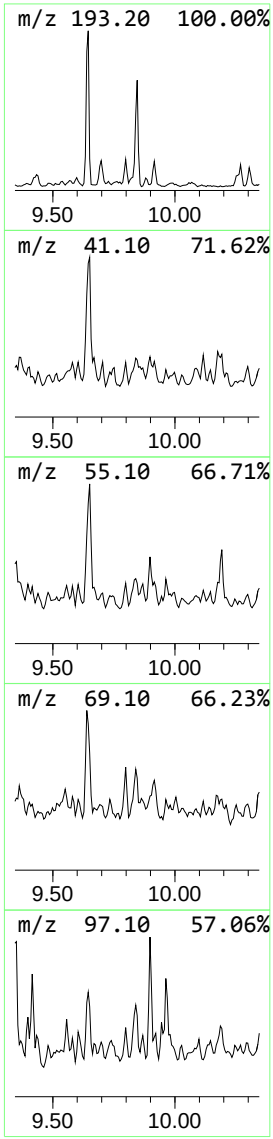
Peak Number 11 unknown9.845 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	50.57 ng	1325350	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	46
2	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	22
3	Tridecanedial	212	C13H24O2	063521-76-6	20
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	18
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-98-2	18





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Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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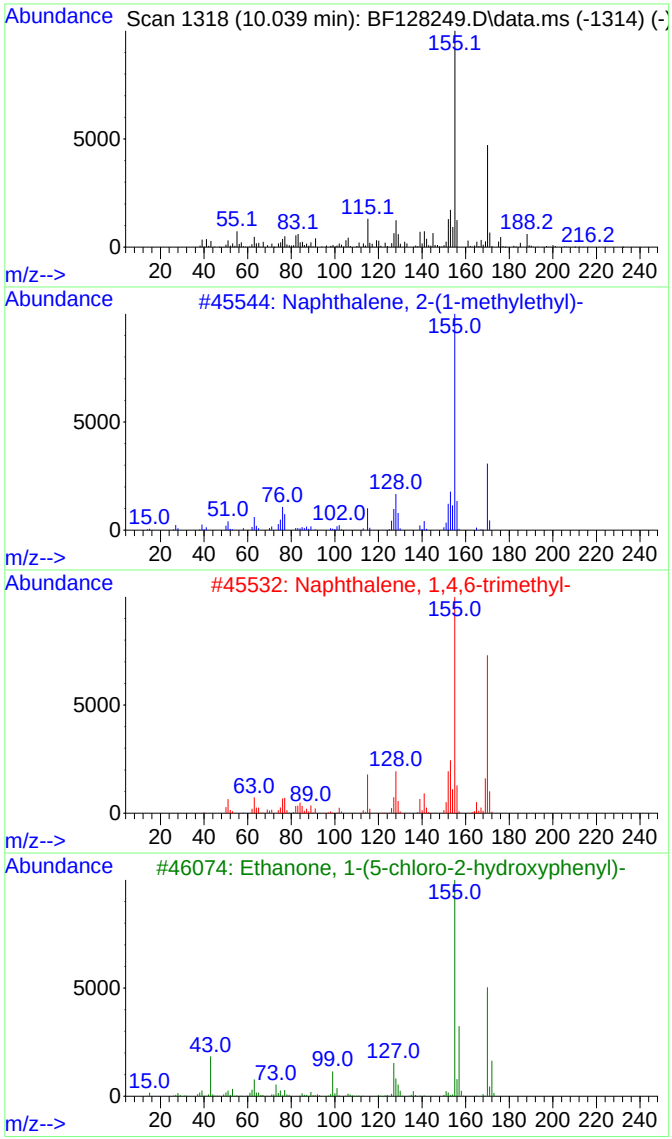
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

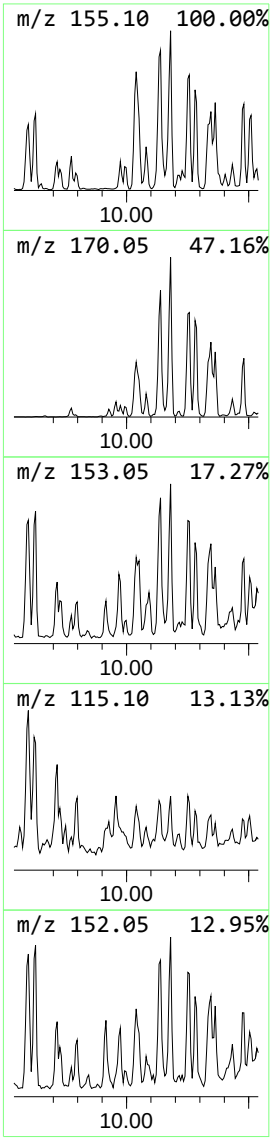
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.039	46.18 ng	1210430	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
5	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	70





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Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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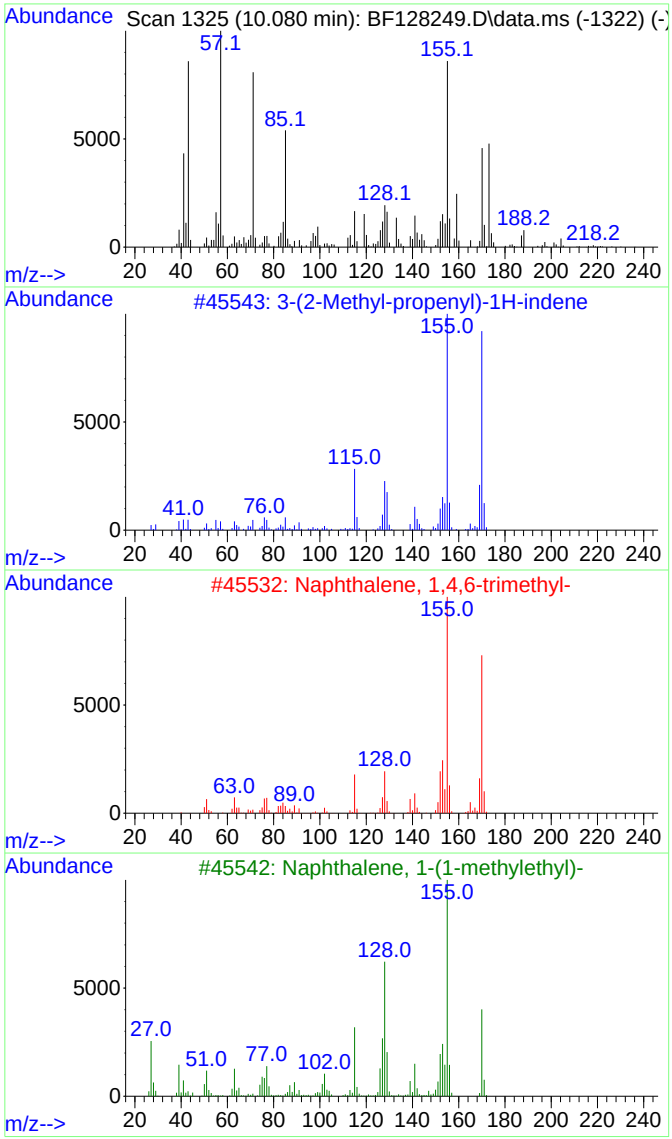
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

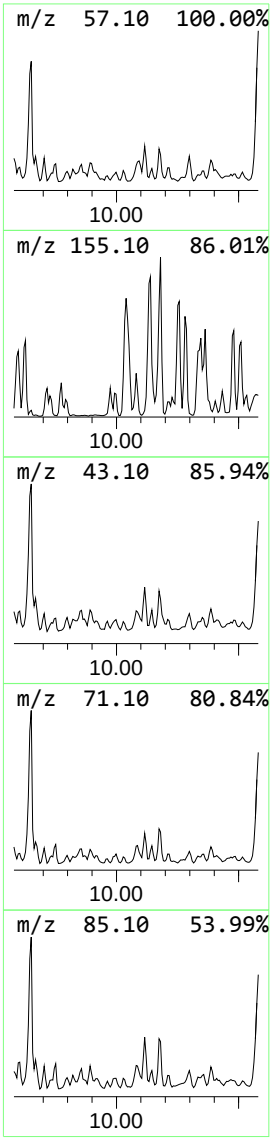
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.080	39.34 ng	1031140	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	86
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	52
3	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	46
4	5-Methyl-1-phenylhexa-1,3,4-triene	170	C13H14	103240-79-5	42
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	41





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ALS Vial : 15 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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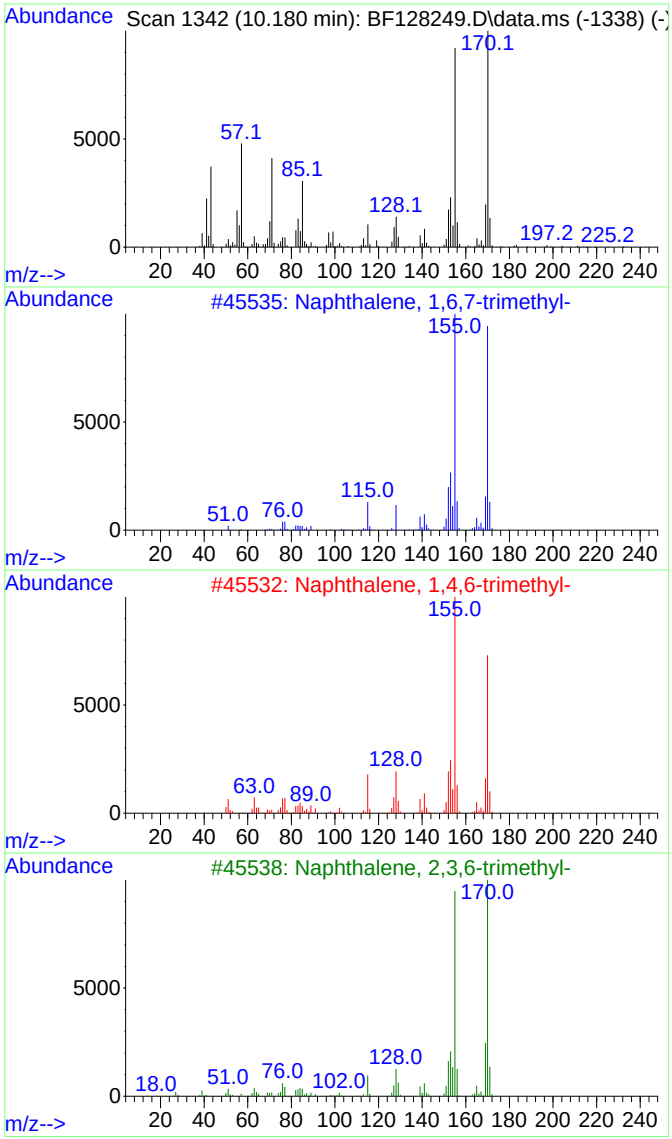
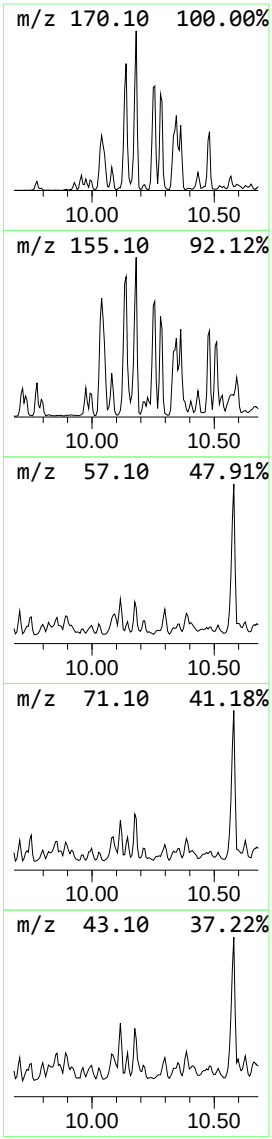
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.180	78.52 ng	2058080	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	89
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89





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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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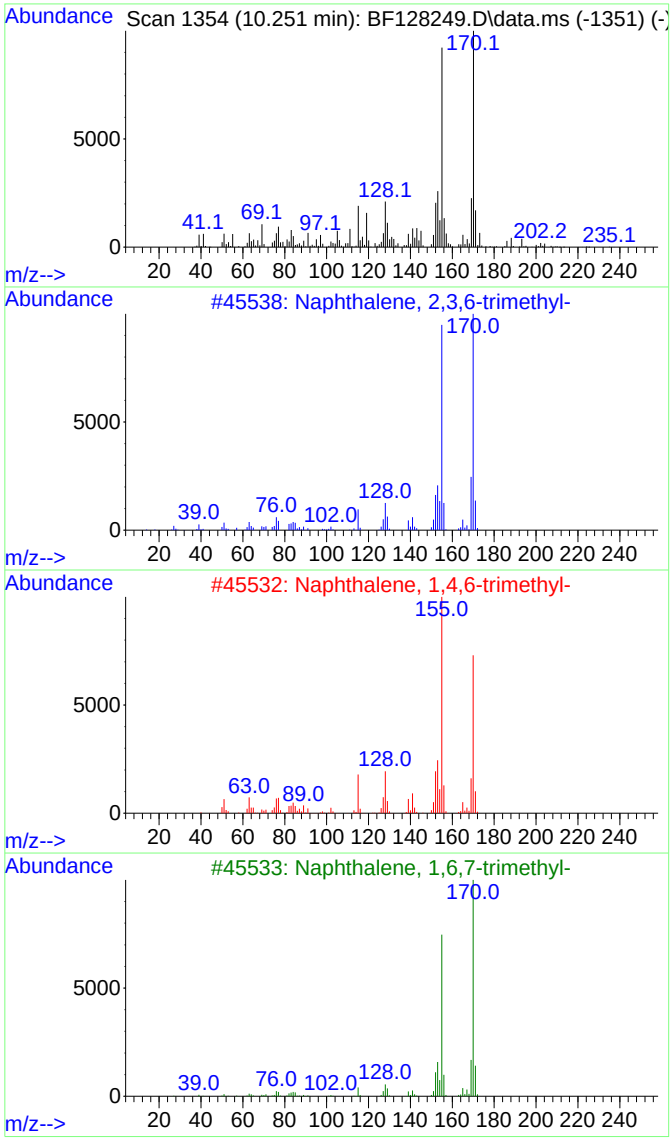
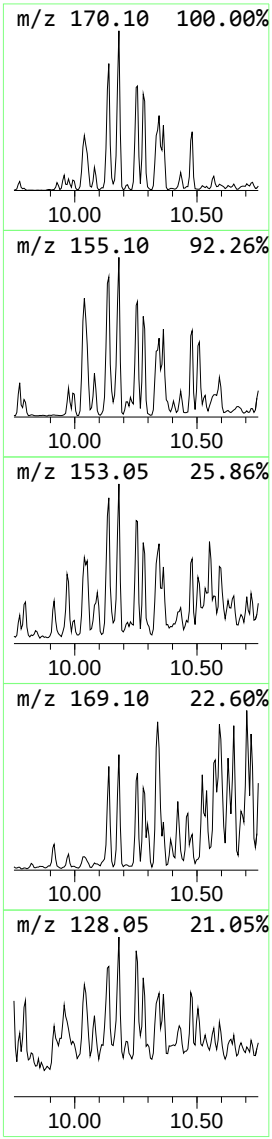
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	47.16 ng	1236020	Acenaphthene-d10	9.939

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	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





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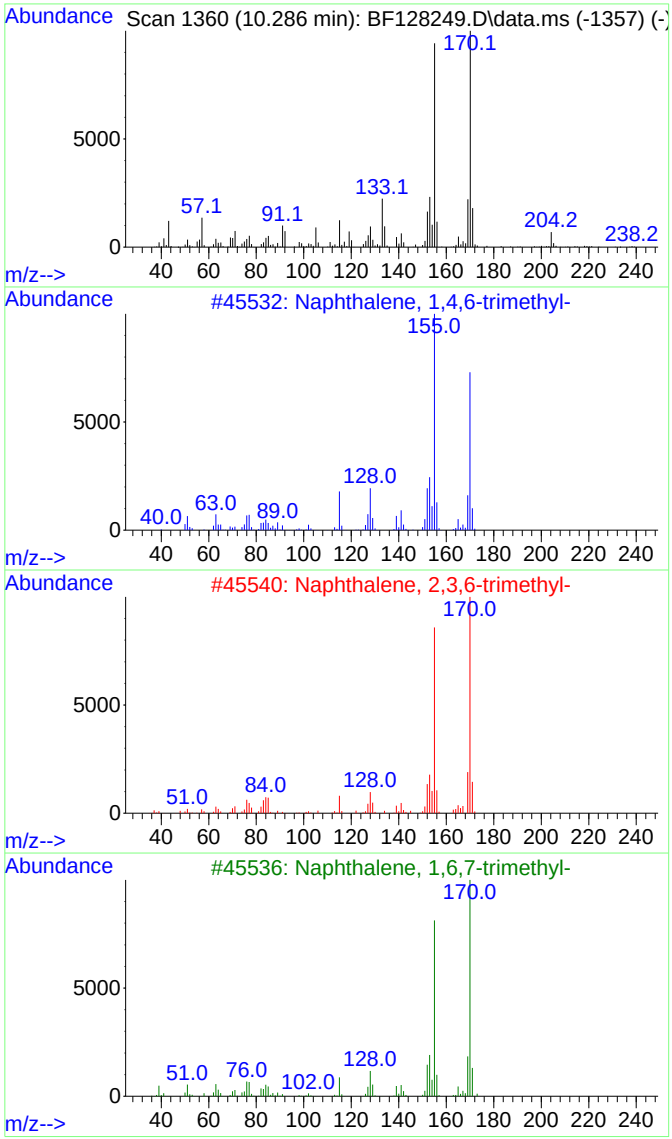
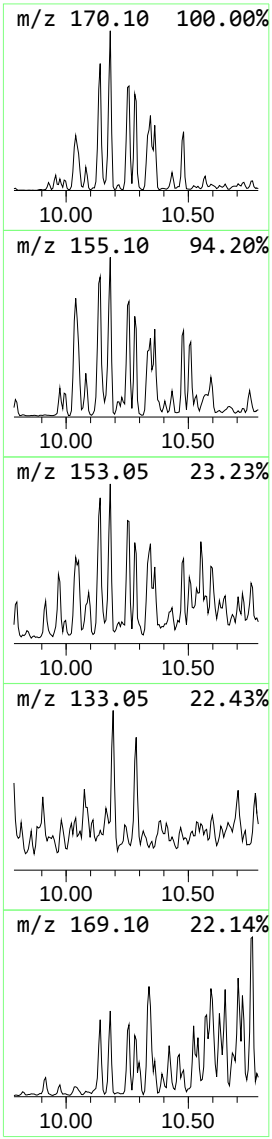
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	50.61 ng	1326460	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128249.D
Acq On : 13 May 2022 20:08
Operator : CG\JU
Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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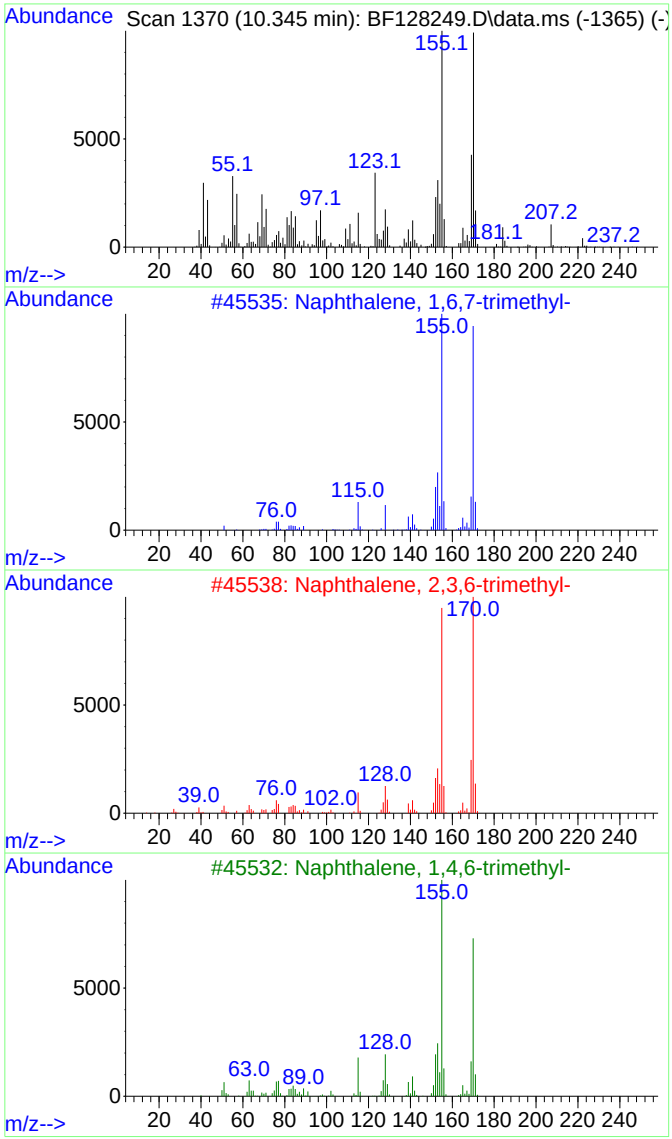
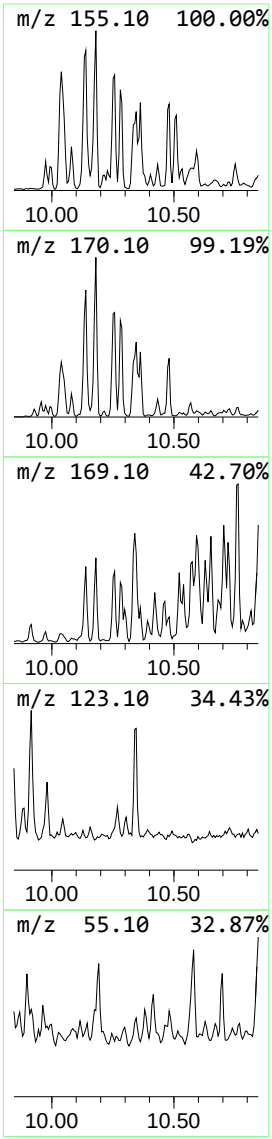
Peak Number 17 Naphthalene, 1,4,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	57.97 ng	1519420	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128249.D
Acq On : 13 May 2022 20:08
Operator : CG\JU
Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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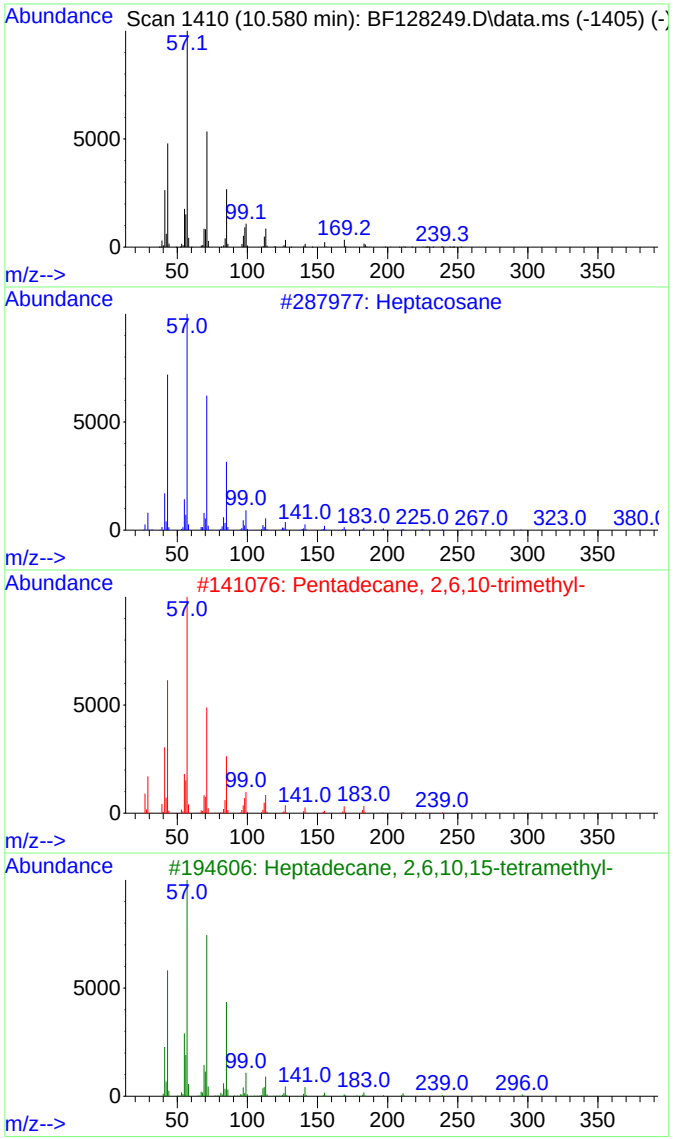
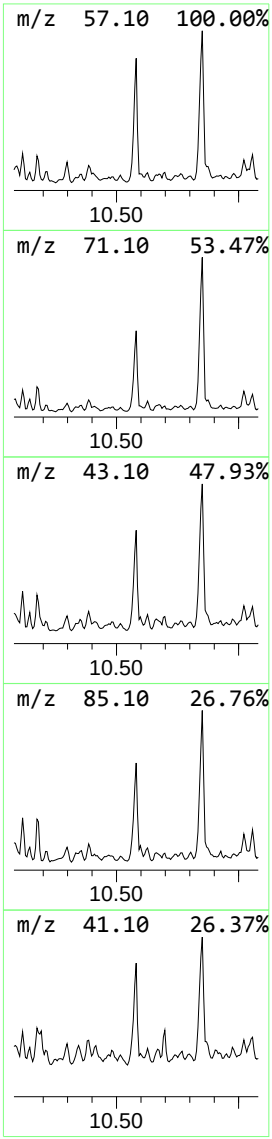
Peak Number 18 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.580	123.93 ng	3248220	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	78
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72





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Data File : BF128249.D
Acq On : 13 May 2022 20:08
Operator : CG\JU
Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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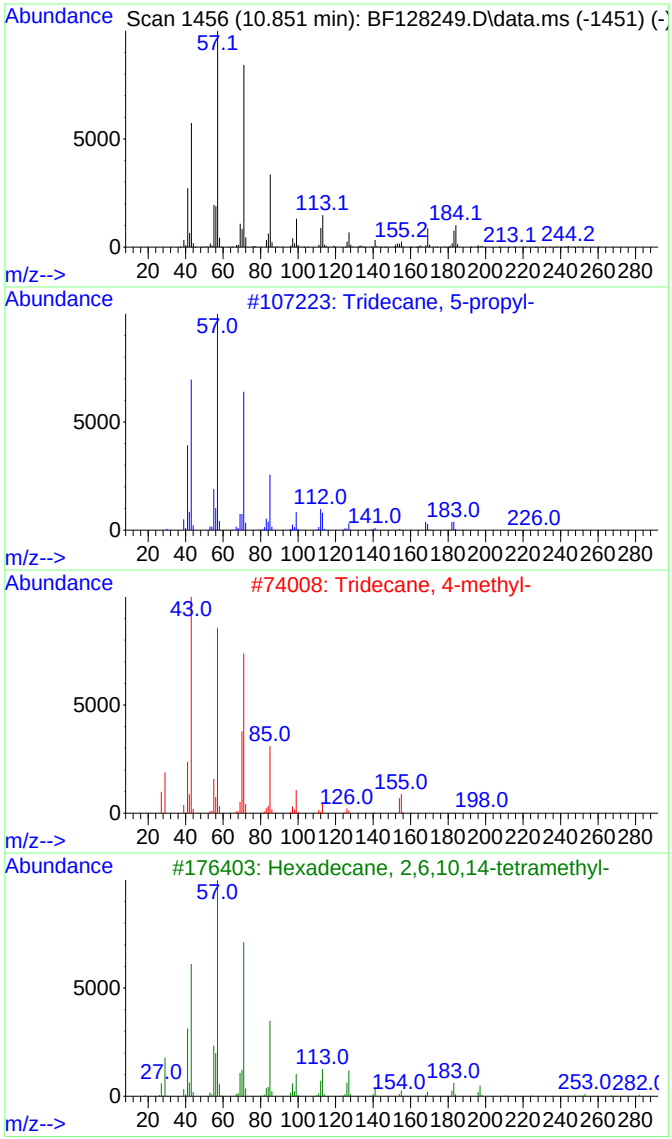
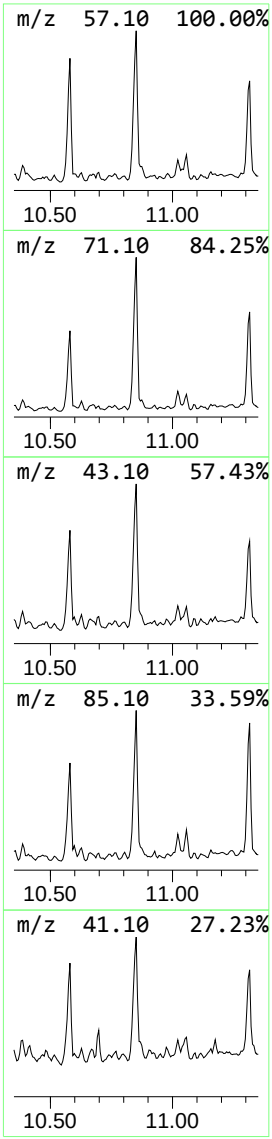
Peak Number 19 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.851	123.28 ng	5205000	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64





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Acq On : 13 May 2022 20:08
Operator : CG\JU
Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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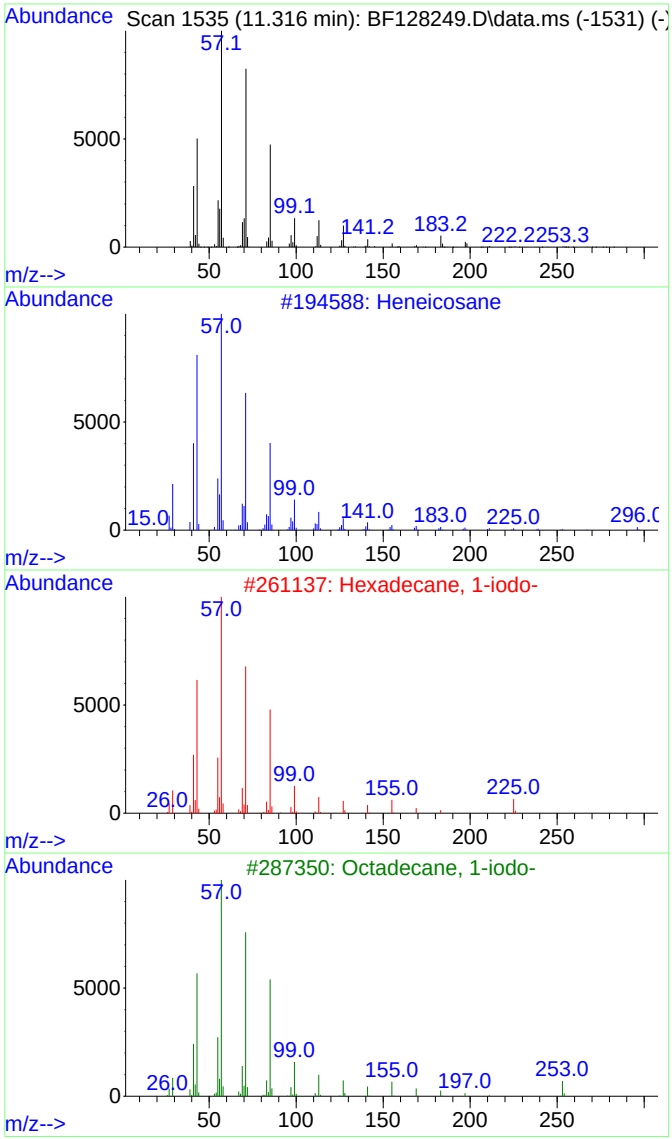
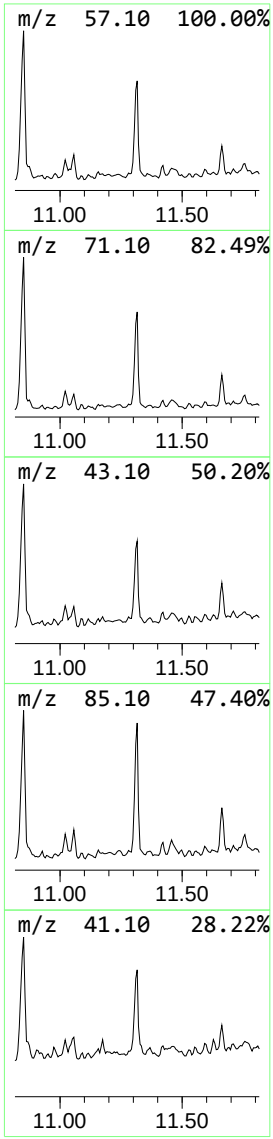
Peak Number 20 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.316	75.67 ng	3194780	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128249.D
Acq On : 13 May 2022 20:08
Operator : CG\JU
Sample : N2809-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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
Undecane, 5-met...	7.586	47.2	ng	1603850	2	8.175	680062	20.0
Cyclohexane, 1,...	8.463	64.5	ng	2193310	2	8.175	680062	20.0
Octane, 2,6-dim...	8.592	92.3	ng	3140070	2	8.175	680062	20.0
Tetradecane	8.757	46.4	ng	1578410	2	8.175	680062	20.0
Cyclohexane, oc...	9.080	52.7	ng	1380710	3	9.939	524208	20.0
Dodecane, 2,7,1...	9.192	113.5	ng	2974480	3	9.939	524208	20.0
Naphthalene, 2,...	9.527	72.3	ng	1895190	3	9.939	524208	20.0
Naphthalene, 1,...	9.598	81.0	ng	2122140	3	9.939	524208	20.0
Naphthalene, 1,...	9.627	61.4	ng	1608120	3	9.939	524208	20.0
Tritetracontane	9.651	142.2	ng	3728250	3	9.939	524208	20.0
unknown9.845	9.845	50.6	ng	1325350	3	9.939	524208	20.0
Naphthalene, 2-...	10.039	46.2	ng	1210430	3	9.939	524208	20.0
3-(2-Methyl-pro...	10.080	39.3	ng	1031140	3	9.939	524208	20.0
Naphthalene, 1,...	10.180	78.5	ng	2058080	3	9.939	524208	20.0
Naphthalene, 2,...	10.251	47.2	ng	1236020	3	9.939	524208	20.0
Naphthalene, 1,...	10.286	50.6	ng	1326460	3	9.939	524208	20.0
Naphthalene, 1,...	10.345	58.0	ng	1519420	3	9.939	524208	20.0
Heptacosane	10.580	123.9	ng	3248220	3	9.939	524208	20.0
Tridecane, 5-pr...	10.851	123.3	ng	5205000	4	11.433	844409	20.0
Heneicosane	11.316	75.7	ng	3194780	4	11.433	844409	20.0