LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125989.D
Acq On : 28 Oct 2021 15:16
Operator : JU/CG
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125989.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.463	570	574	578	rBV	2955222	2672046	42.19%	2.169%
2	6.481	739	747	751	rBV	2678968	2796950	44.16%	2.270%
3	6.857	808	811	813	rVV	1729914	1501293	23.70%	1.219%
4	6.881	813	815	819	rVV	622477	499429	7.89%	0.405%
5	7.010	834	837	841	rVV	568320	558240	8.81%	0.453%
6	7.140	856	859	862	rVB	583171	563746	8.90%	0.458%
7	7.257	874	879	882	rVV2	566366	604641	9.55%	0.491%
8	7.416	903	906	909	rVB	1924101	1537966	24.28%	1.248%
9	7.510	917	922	925	rVB4	643528	988665	15.61%	0.802%
10	7.575	925	933	936	rBV5	625227	1213150	19.15%	0.985%
11	7.628	937	942	943	rBV3	284137	421691	6.66%	0.342%
12	7.645	943	945	947	rBV	501989	348287	5.50%	0.283%
13	7.669	947	949	952	rVB	706873	556283	8.78%	0.452%
14	7.745	958	962	964	rBV2	422196	545243	8.61%	0.443%
15	7.787	967	969	972	rVB3	751568	648382	10.24%	0.526%
16	7.828	972	976	979	rVB4	578290	682839	10.78%	0.554%
17	7.863	979	982	983	rBV2	445127	355102	5.61%	0.288%
18	7.910	987	990	992	rVB3	383556	367154	5.80%	0.298%
19	7.963	994	999	1005	rVB6	441550	731563	11.55%	0.594%
20	8.016	1005	1008	1011	rBV2	447018	546826	8.63%	0.444%
21	8.098	1018	1022	1025	rBV5	575995	973773	15.38%	0.790%
22	8.139	1025	1029	1031	rBV2	2039906	2187572	34.54%	1.776%
23	8.163	1031	1033	1036	rVB4	458410	487050	7.69%	0.395%
24	8.210	1036	1041	1043	rVB	2922573	2719225	42.93%	2.207%
25	8.234	1043	1045	1048	rBV3	697157	628067	9.92%	0.510%
26	8.263	1048	1050	1053	rVB3	452095	440717	6.96%	0.358%
27	8.304	1053	1057	1058	rBV4	398691	494613	7.81%	0.401%
28	8.351	1062	1065	1067	rVB3	545155	589243	9.30%	0.478%
29	8.439	1075	1080	1083	rBV4	1433848	1634440	25.81%	1.327%
30	8.492	1087	1089	1092	rBV4	502232	489033	7.72%	0.397%
31	8.528	1092	1095	1098	rBV2	824714	855613	13.51%	0.694%
32	8.575	1099	1103	1104	rBV	2945665	2701350	42.65%	2.193%
33	8.587	1104	1105	1107	rVV2	551101	392876	6.20%	0.319%
34	8.610	1107	1109	1112	rVB	999379	787212	12.43%	0.639%
35	8.651	1113	1116	1118	rBV2	856176	757598	11.96%	0.615%
36	8.692	1118	1123	1124	rBV3	543444	539400	8.52%	0.438%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125989.D
Acq On : 28 Oct 2021 15:16
Operator : JU/CG
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.739	1128	1131	1135	rBV5	592336	1041392	16.44%	0.845%
38	8.781	1135	1138	1139	rVV2	497833	507968	8.02%	0.412%
39	8.804	1140	1142	1144	rVV2	666888	592353	9.35%	0.481%
40	8.839	1144	1148	1149	rVV	1225288	1255625	19.83%	1.019%
41	8.857	1149	1151	1154	rVB	1726388	1303960	20.59%	1.058%
42	8.898	1155	1158	1160	rVB4	543341	454269	7.17%	0.369%
43	8.957	1160	1168	1172	rBV3	1857789	3167967	50.02%	2.571%
44	9.022	1177	1179	1181	rBV3	623682	641943	10.14%	0.521%
45	9.057	1181	1185	1188	rVB4	1110572	1244980	19.66%	1.011%
46	9.175	1201	1205	1208	rVV	3424548	3319911	52.42%	2.695%
47	9.216	1209	1212	1215	rVB	2924047	2241563	35.39%	1.819%
48	9.316	1224	1229	1232	rBV2	1147519	1940181	30.63%	1.575%
49	9.351	1232	1235	1236	rBV2	508979	571210	9.02%	0.464%
50	9.416	1243	1246	1250	rVB2	1099021	1373647	21.69%	1.115%
51	9.486	1254	1258	1262	rVV2	1806373	2855710	45.09%	2.318%
52	9.534	1264	1266	1267	rVV	563344	493322	7.79%	0.400%
53	9.557	1267	1270	1273	rVV2	3015419	3412140	53.88%	2.770%
54	9.586	1273	1275	1277	rVV2	2376706	1842772	29.10%	1.496%
55	9.628	1277	1282	1284	rVV2	5011836	5748119	90.76%	4.666%
56	9.651	1284	1286	1288	rVV2	623075	632679	9.99%	0.514%
57	9.675	1288	1290	1294	rVB2	1249510	1388899	21.93%	1.127%
58	9.757	1302	1304	1305	rBV	592071	459069	7.25%	0.373%
59	9.816	1310	1314	1317	rVB3	1303426	1227786	19.39%	0.997%
60	9.851	1317	1320	1322	rBV2	360453	370479	5.85%	0.301%
61	9.875	1322	1324	1326	rBV2	1189096	1335640	21.09%	1.084%
62	9.898	1326	1328	1330	rVB	1962391	1525171	24.08%	1.238%
63	9.939	1333	1335	1337	rVB2	548250	352336	5.56%	0.286%
64	10.004	1343	1346	1350	rVB2	1413168	1835817	28.99%	1.490%
65	10.045	1350	1353	1354	rBV	678241	569014	8.98%	0.462%
66	10.063	1354	1356	1359	rVV3	650175	877988	13.86%	0.713%
67	10.098	1359	1362	1365	rVV2	2178988	2137446	33.75%	1.735%
68	10.139	1367	1369	1371	rVV	1239945	990630	15.64%	0.804%
69	10.163	1371	1373	1379	rVB5	1680149	1913638	30.22%	1.553%
70	10.216	1379	1382	1385	rBV	1396783	1530338	24.16%	1.242%
71	10.245	1385	1387	1389	rVB	1179702	826510	13.05%	0.671%
72	10.275	1389	1392	1394	rBV2	626054	709179	11.20%	0.576%
73	10.310	1395	1398	1399	rBV3	620498	575194	9.08%	0.467%
74	10.363	1404	1407	1409	rBV2	698083	773284	12.21%	0.628%
75	10.392	1409	1412	1417	rVB5	902424	1088422	17.19%	0.883%
76	10.439	1417	1420	1422	rBV3	865738	871970	13.77%	0.708%

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Data File : BF125989.D
Acq On : 28 Oct 2021 15:16
Operator : JU/CG
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.463	1422	1424	1427	rVB3	515599	562697	8.88%	0.457%
78	10.557	1434	1440	1443	rBV	4125689	4335009	68.45%	3.519%
79	10.645	1452	1455	1456	rBV2	529031	474341	7.49%	0.385%
80	10.680	1457	1461	1465	rVV5	1626083	2471621	39.03%	2.006%
81	10.722	1465	1468	1470	rVV2	625453	755112	11.92%	0.613%
82	10.780	1474	1478	1480	rBV4	404410	606677	9.58%	0.492%
83	10.822	1480	1485	1493	rVV	5354629	6333367	100.00%	5.141%
84	10.880	1493	1495	1498	rBV2	473136	500969	7.91%	0.407%
85	10.992	1510	1514	1516	rBV3	591772	793331	12.53%	0.644%
86	11.022	1516	1519	1525	rVB5	958567	1425427	22.51%	1.157%
87	11.104	1531	1533	1535	rBV3	372806	386352	6.10%	0.314%
88	11.145	1535	1540	1542	rVV3	843057	1038996	16.41%	0.843%
89	11.286	1560	1564	1570	rVB	3419883	3612362	57.04%	2.932%
90	11.380	1577	1580	1582	rBV	1460467	1224202	19.33%	0.994%
91	11.404	1582	1584	1586	rVB	634311	471405	7.44%	0.383%
92	11.633	1620	1623	1626	rVB	811303	787181	12.43%	0.639%
93	11.880	1663	1665	1667	rBV	416719	359015	5.67%	0.291%
94	11.910	1667	1670	1675	rVB	724296	675150	10.66%	0.548%
95	11.986	1681	1683	1687	rBV2	317859	381203	6.02%	0.309%
96	12.363	1743	1747	1753	rVB2	469302	879214	13.88%	0.714%
97	12.433	1756	1759	1761	rBV	531973	479245	7.57%	0.389%
98	12.963	1845	1849	1852	rBV	2436215	2029918	32.05%	1.648%
99	14.016	2024	2028	2031	rBV	1199386	1125386	17.77%	0.913%
100	15.480	2273	2277	2281	rVB	593469	673326	10.63%	0.547%

Sum of corrected areas: 123199305

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125989.D
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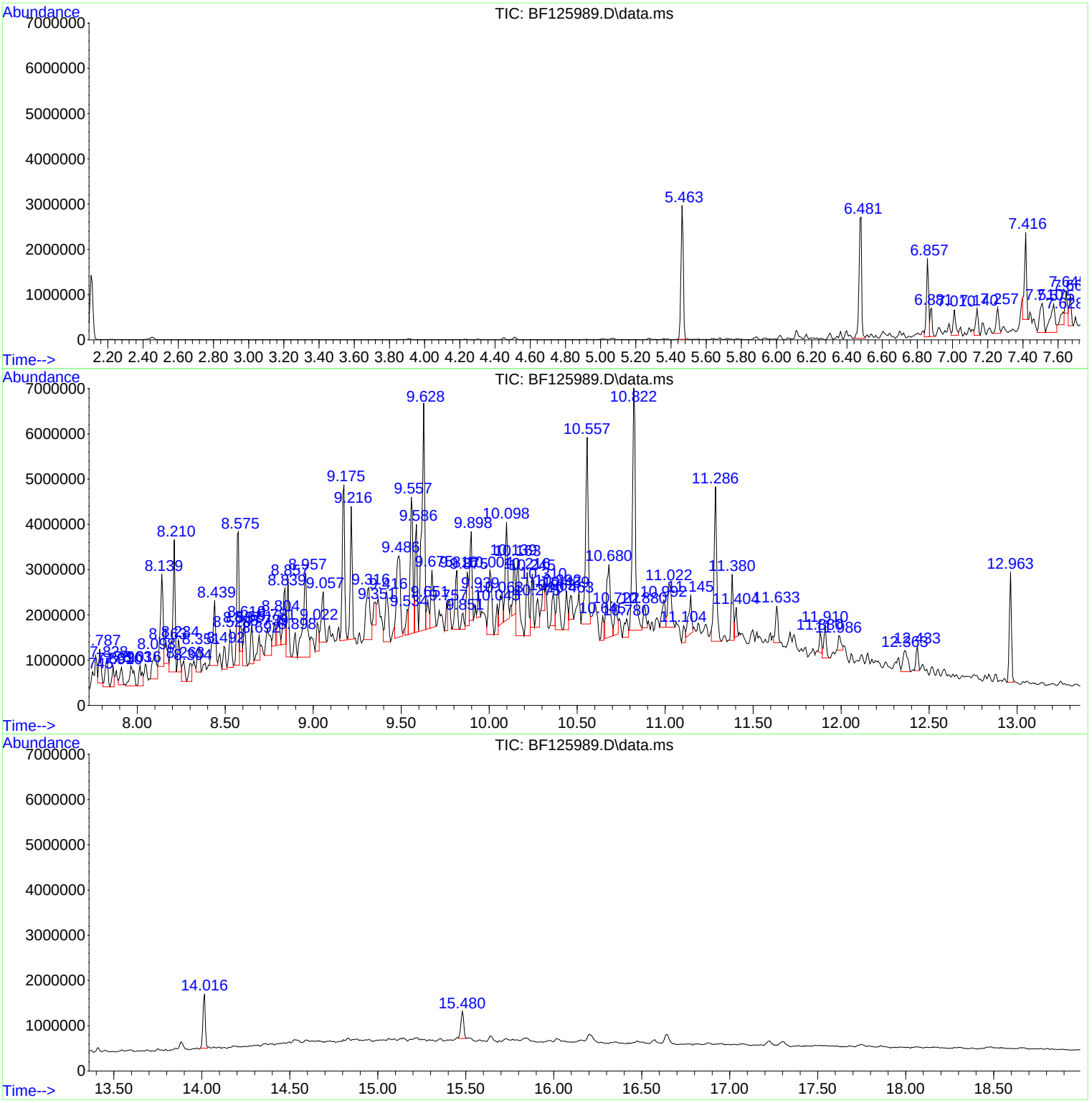
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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\BF102821\
Data File : BF125989.D
Acq On : 28 Oct 2021 15:16
Operator : JU/CG
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

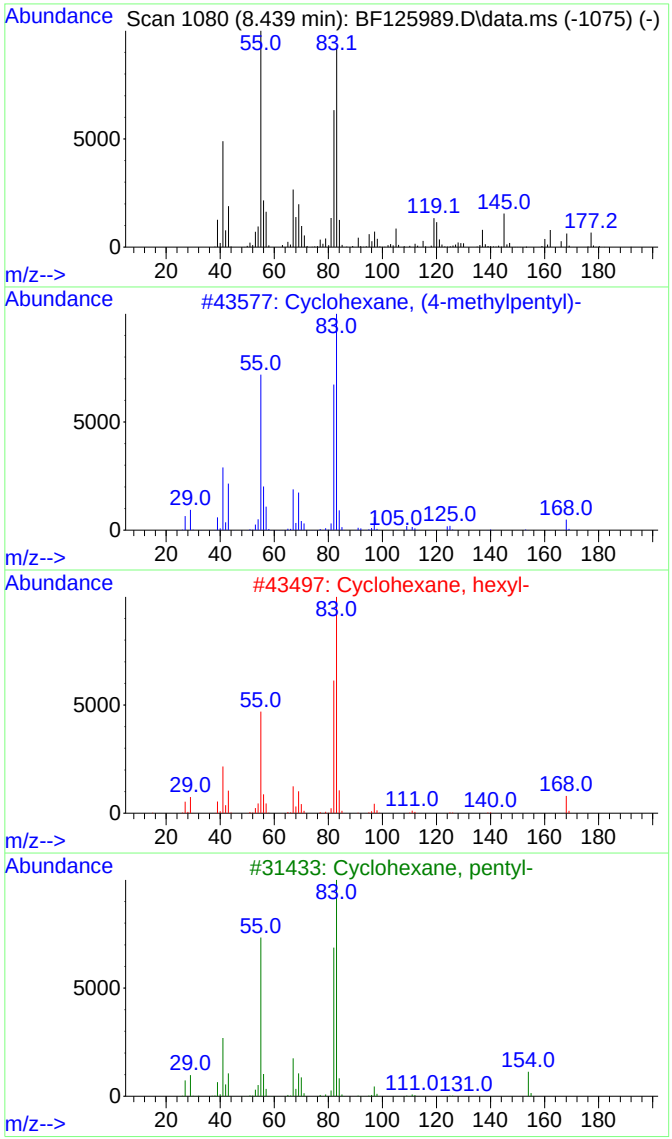
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

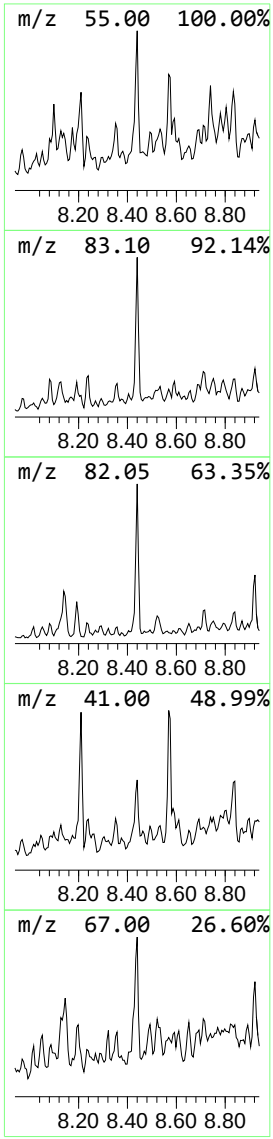
****

Peak Number 1 Cyclohexane, (4-methylpentyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	14.94 ng	1634440	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	68
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	68
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125989.D
Acq On : 28 Oct 2021 15:16
Operator : JU/CG
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

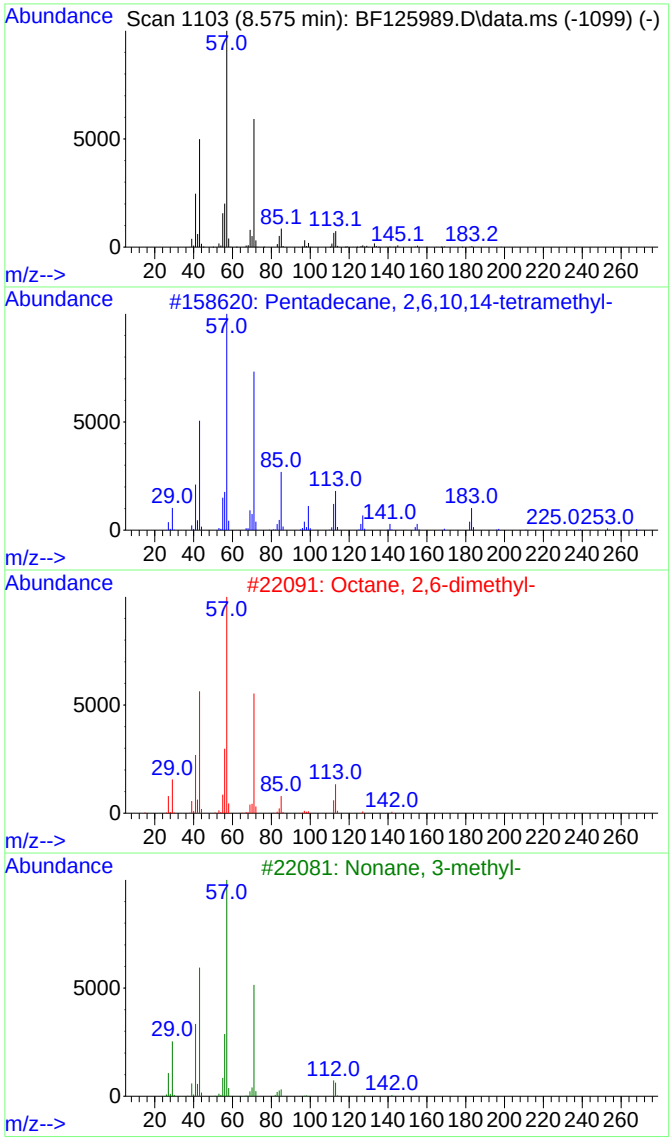
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

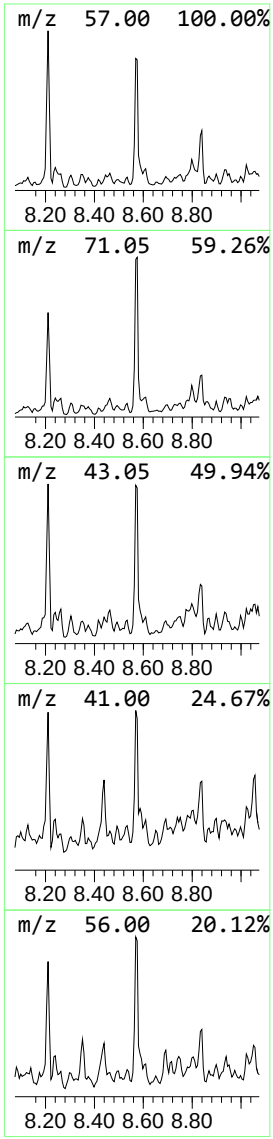
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentadecane, 2,6,10,14-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	24.70 ng	2701350	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

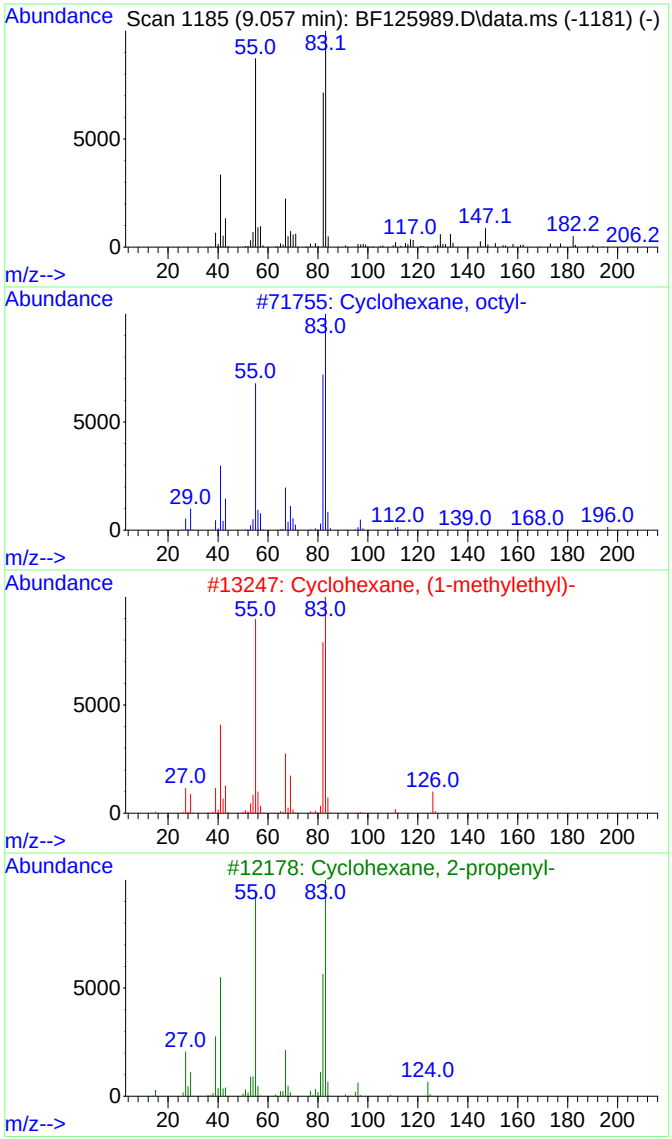
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

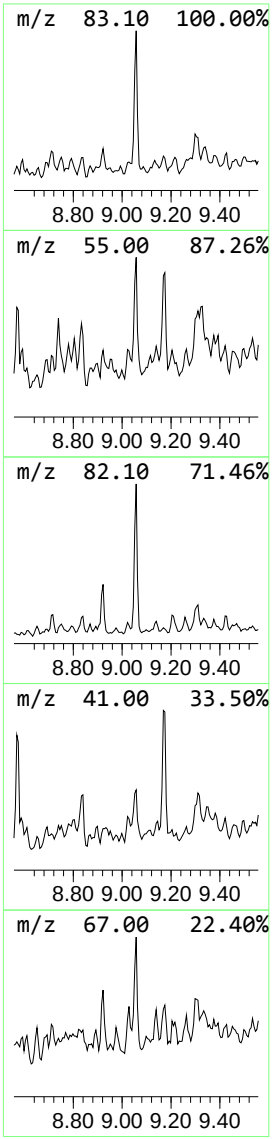
****

Peak Number 3 Cyclohexane, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.057	16.33 ng	1244980	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	56
4	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	50
5	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125989.D
Acq On : 28 Oct 2021 15:16
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Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

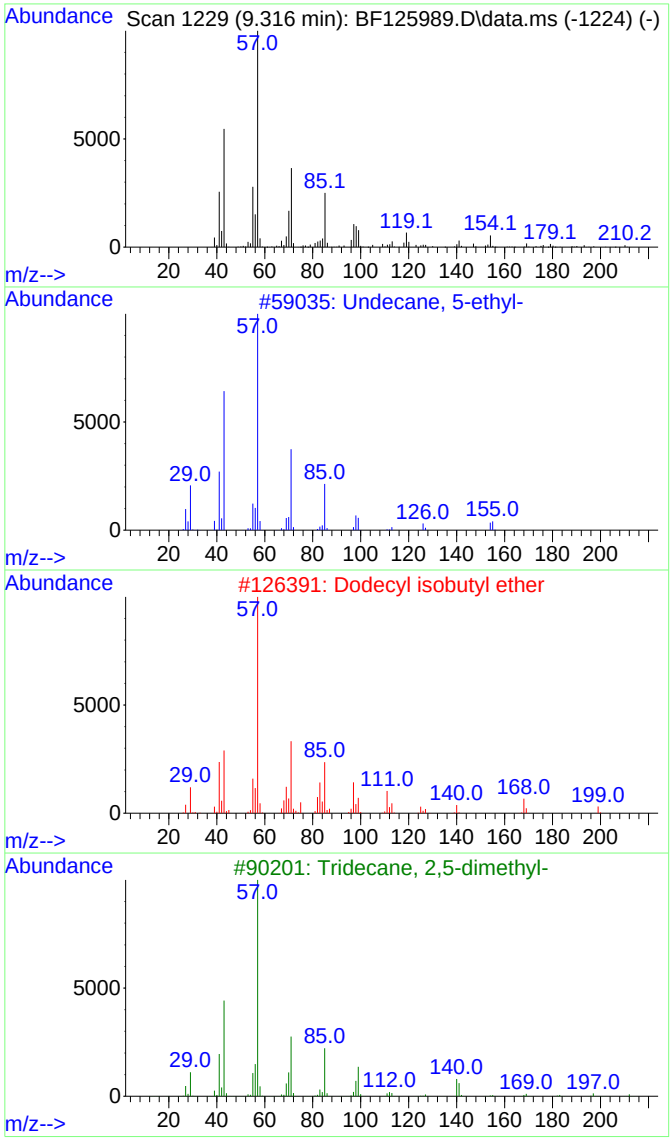
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

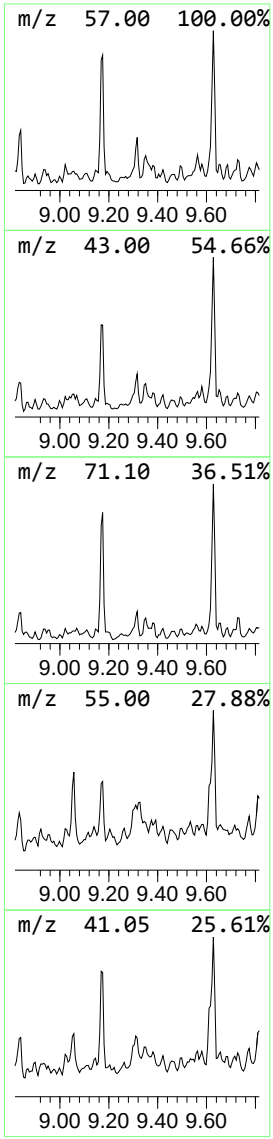
****

Peak Number 4 Undecane, 5-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.316	25.44 ng	1940180	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
2	Dodecyl isobutyl ether	242	C16H34O	1000406-32-6	59
3	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	59
4	Hexadecane	226	C16H34	000544-76-3	58
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125989.D
Acq On : 28 Oct 2021 15:16
Operator : JU/CG
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

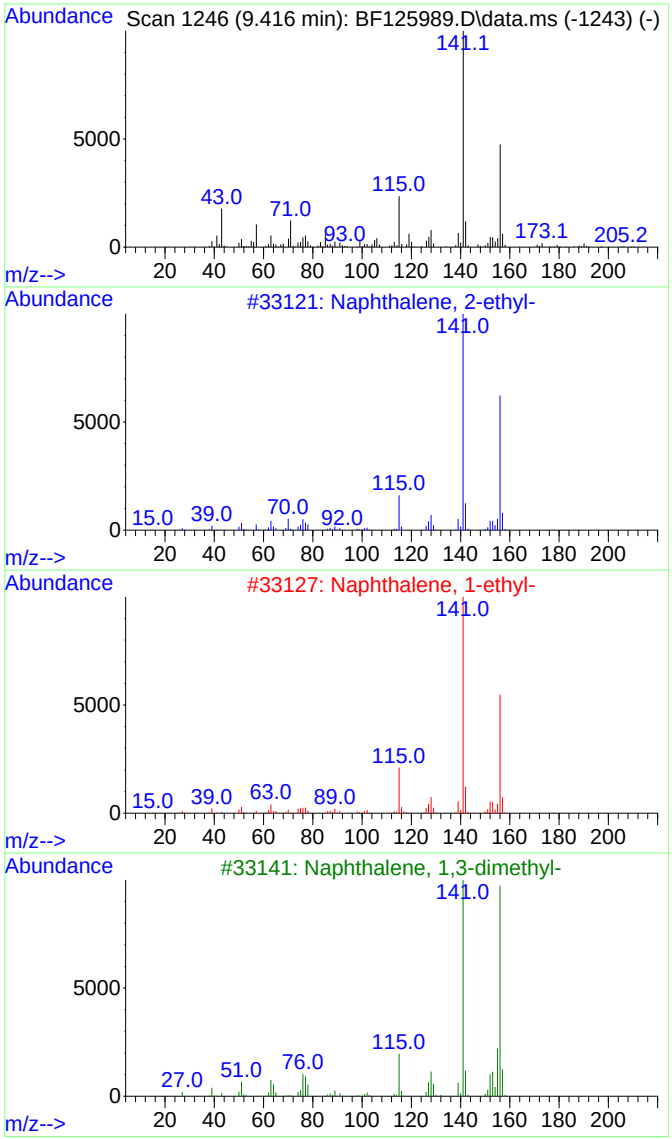
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

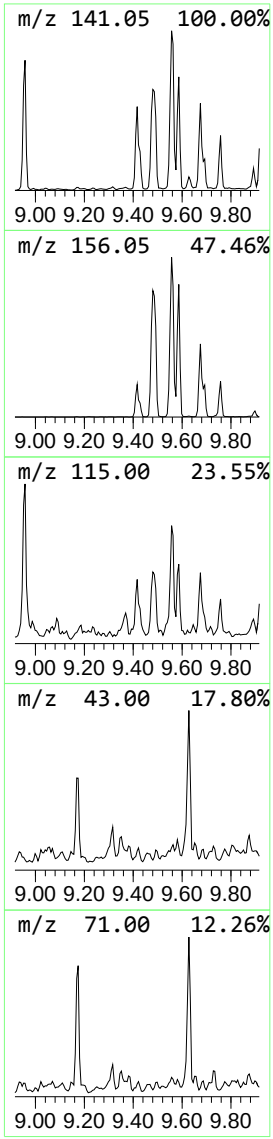
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	18.01 ng	1373650	Acenaphthene-d10	9.898

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, 1,3-dimethyl-	156	C12H12	000575-41-7	72
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	64





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Acq On : 28 Oct 2021 15:16
Operator : JU/CG
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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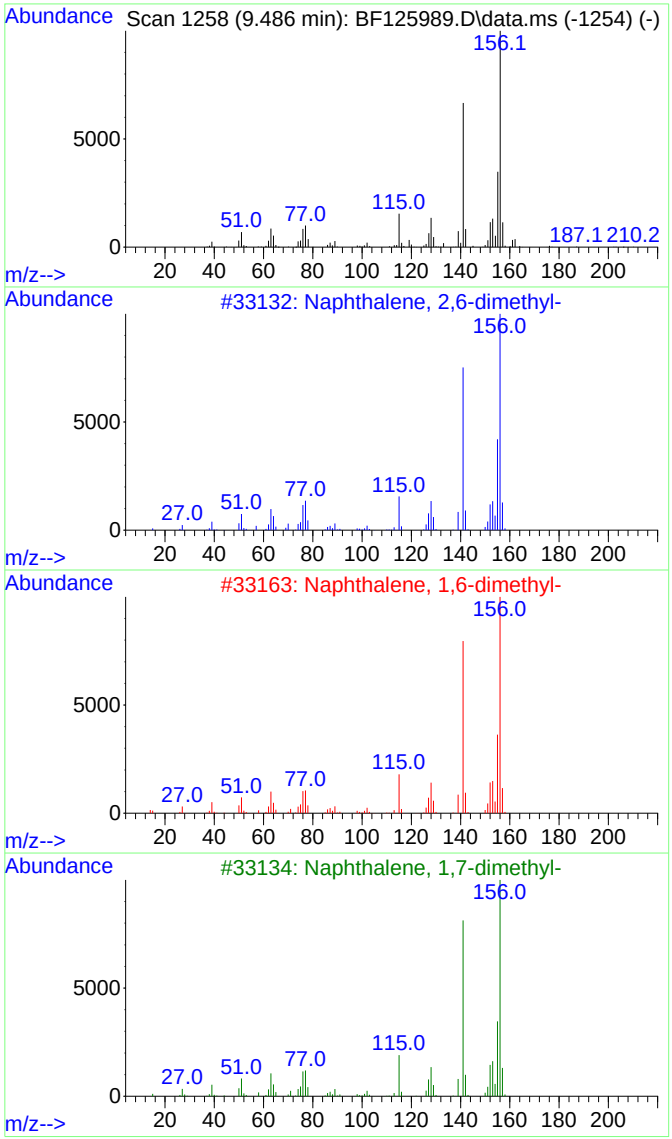
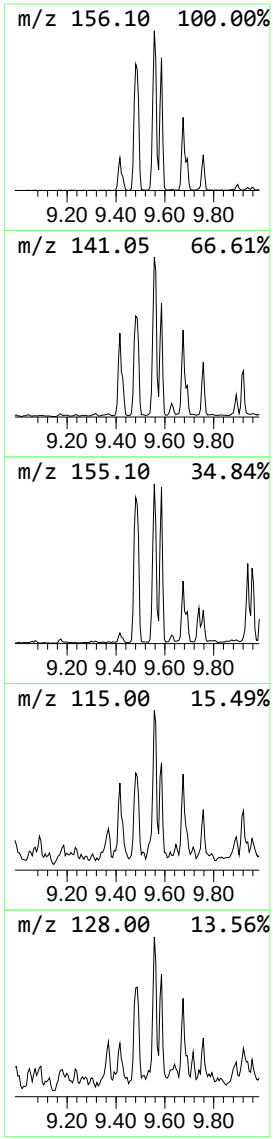
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	37.45 ng	2855710	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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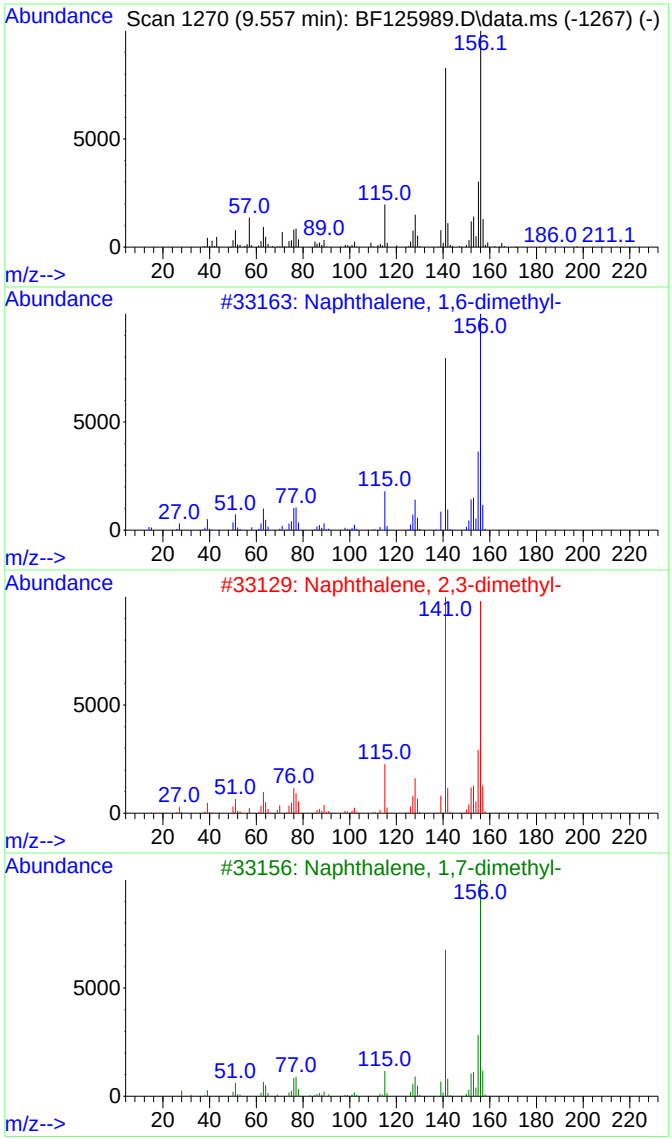
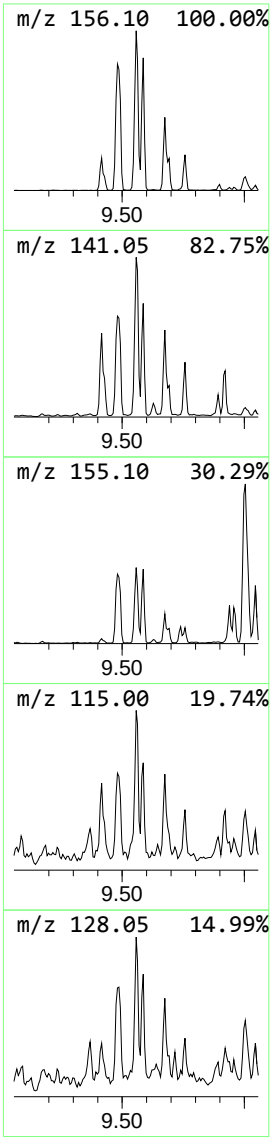
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	44.74 ng	3412140	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

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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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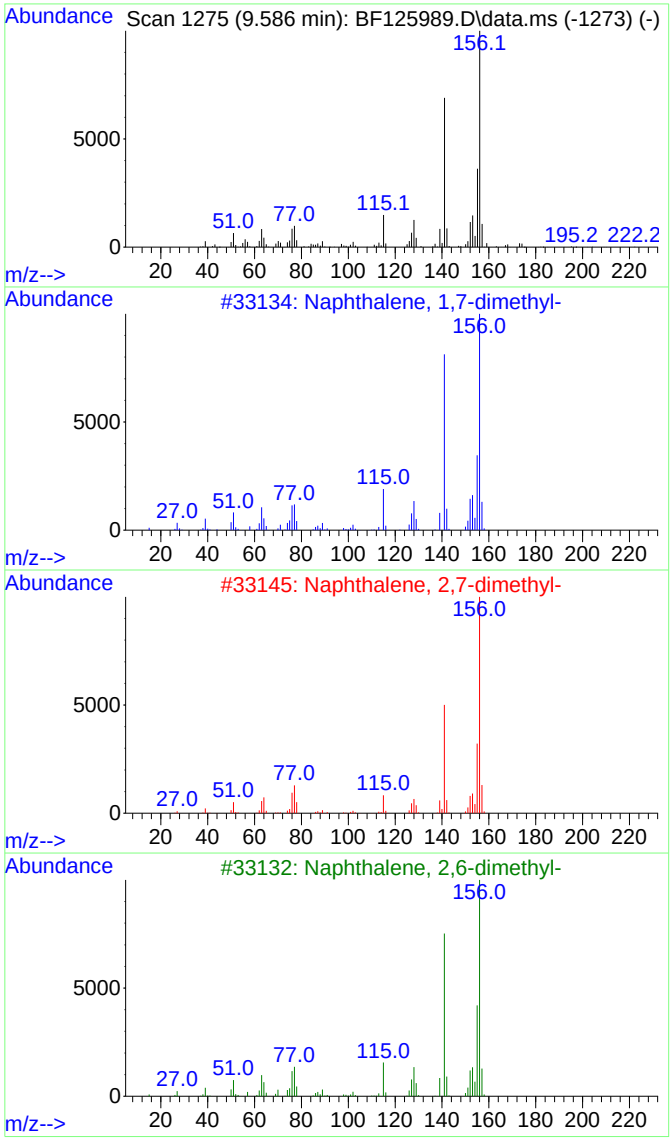
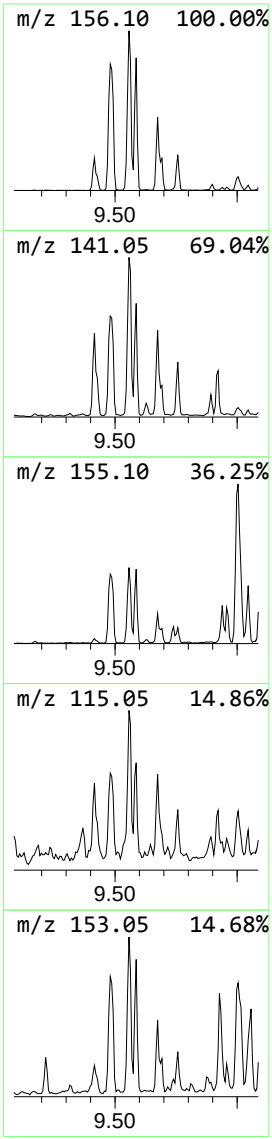
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	24.16 ng	1842770	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Operator : JU/CG
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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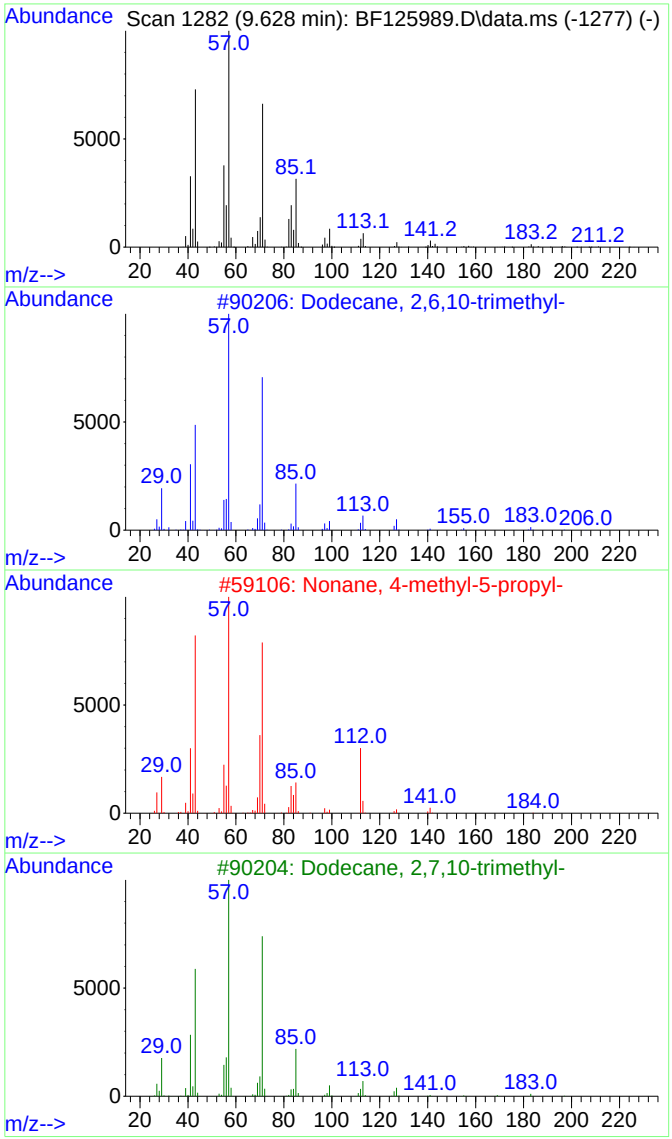
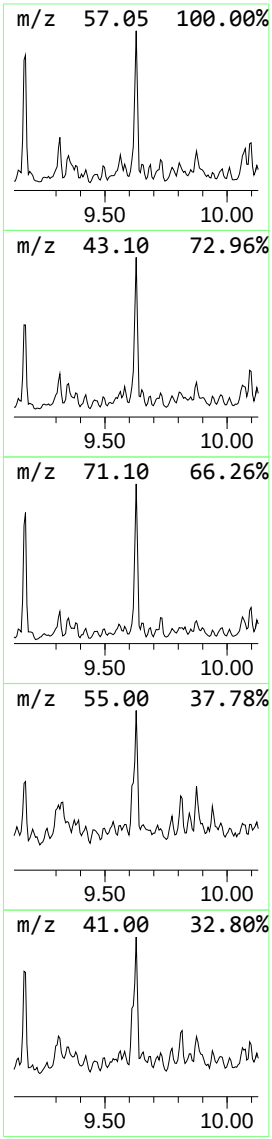
Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	75.38 ng	5748120	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53





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Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

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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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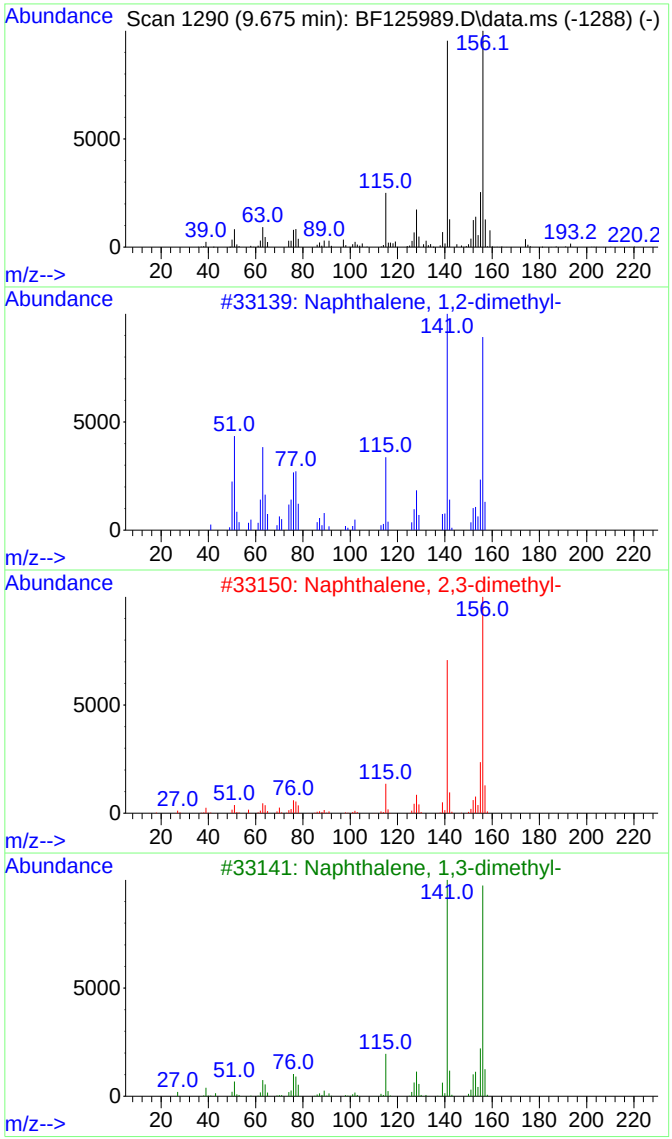
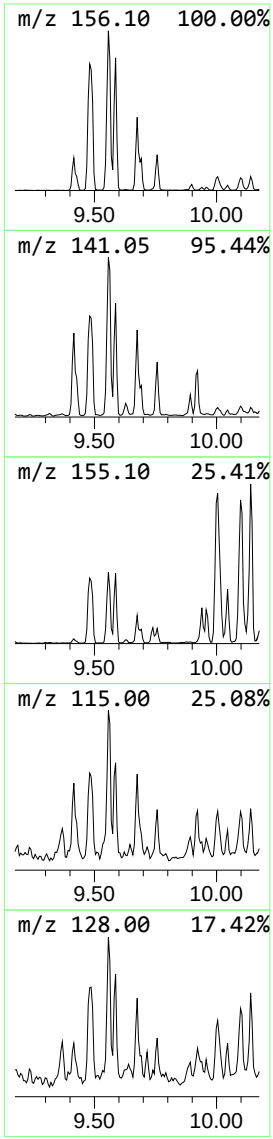
Peak Number 10 Naphthalene, 1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.675	18.21 ng	1388900	Acenaphthene-d10	9.898

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, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Operator : JU/CG
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

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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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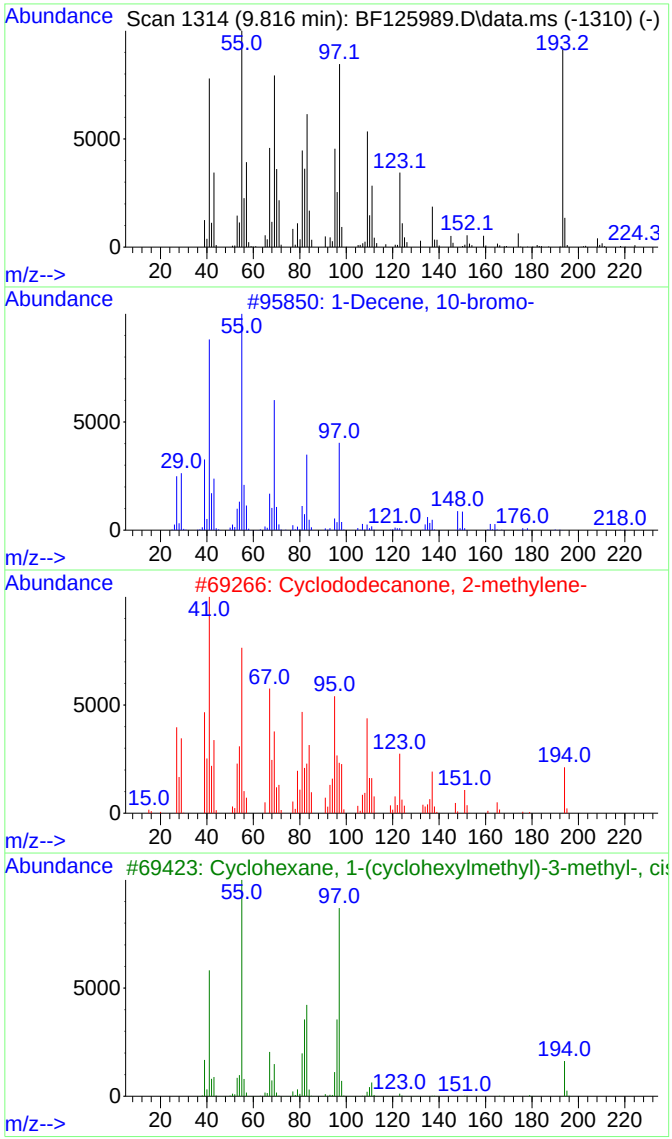
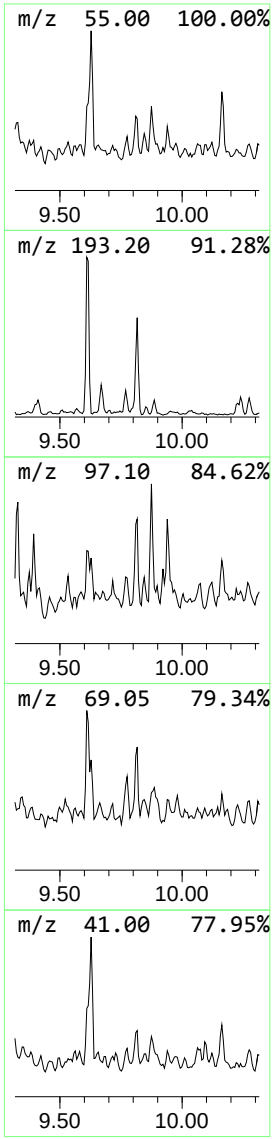
Peak Number 11 unknown9.816 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.816	16.10 ng	1227790	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	35
2	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	30
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	25
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	25
5	1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	18





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Sample : M4372-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-3

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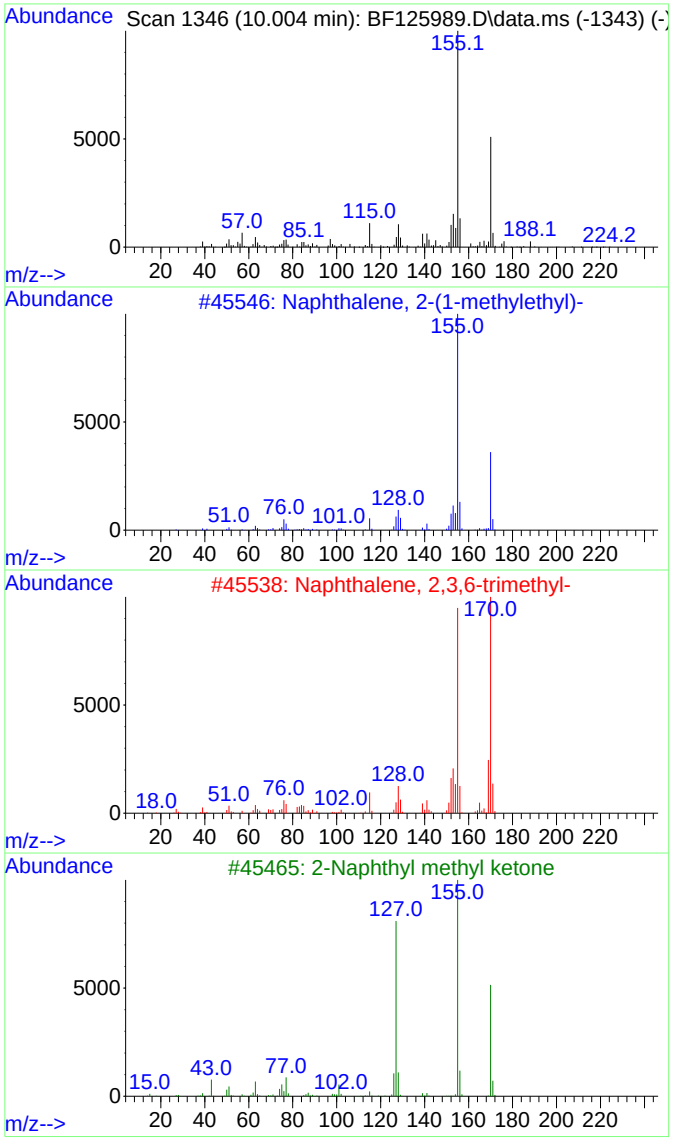
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

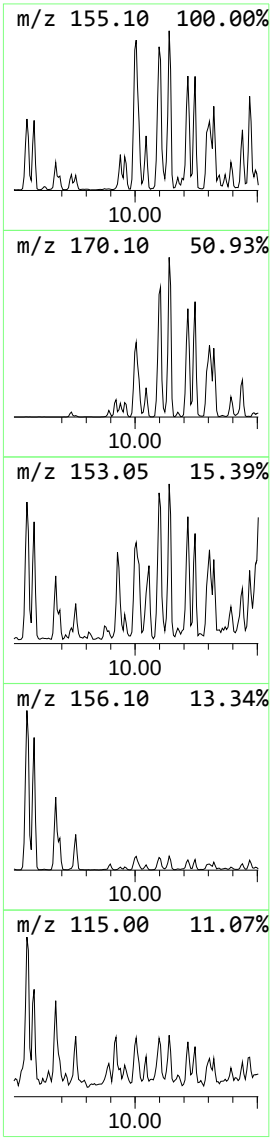
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.004	24.07 ng	1835820	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	80
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72





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Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

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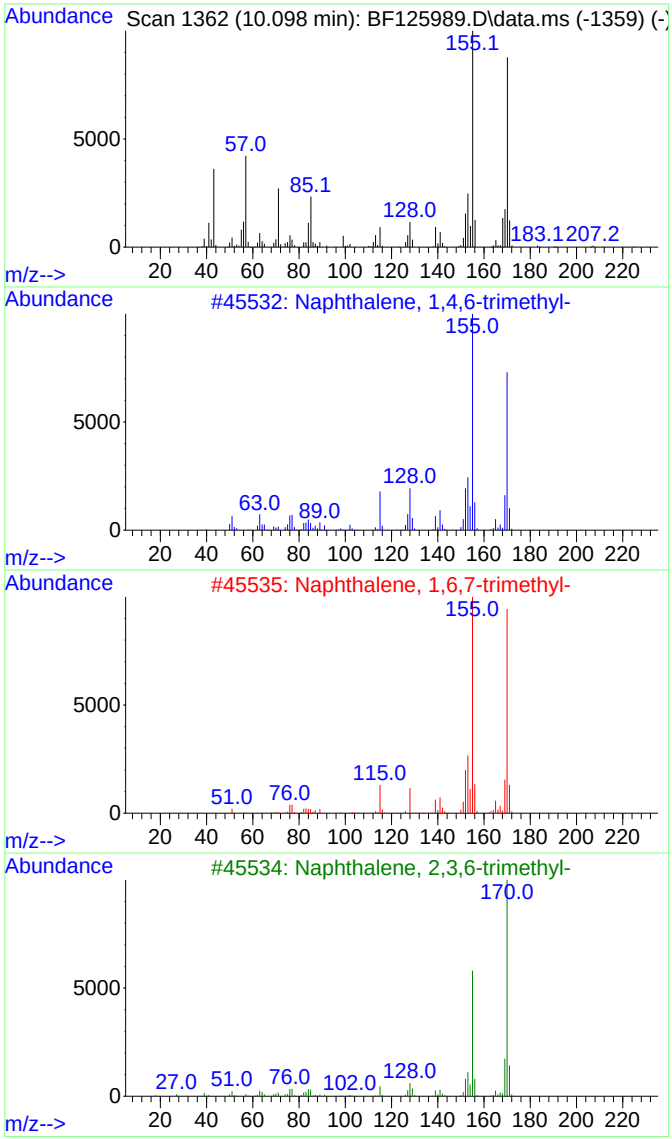
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

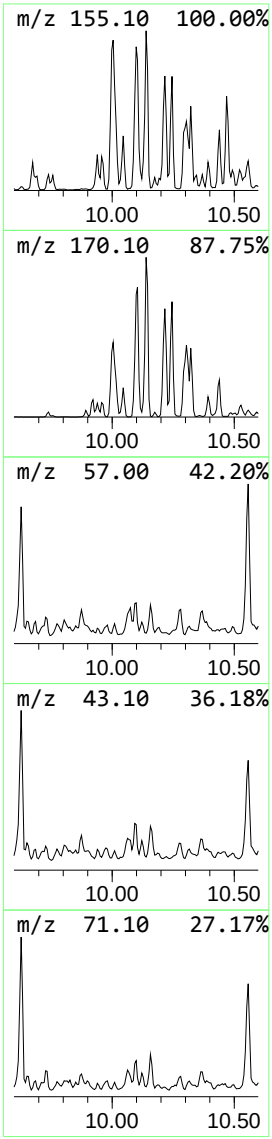
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	28.03 ng	2137450	Acenaphthene-d10	9.898

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	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	80
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	72





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-3

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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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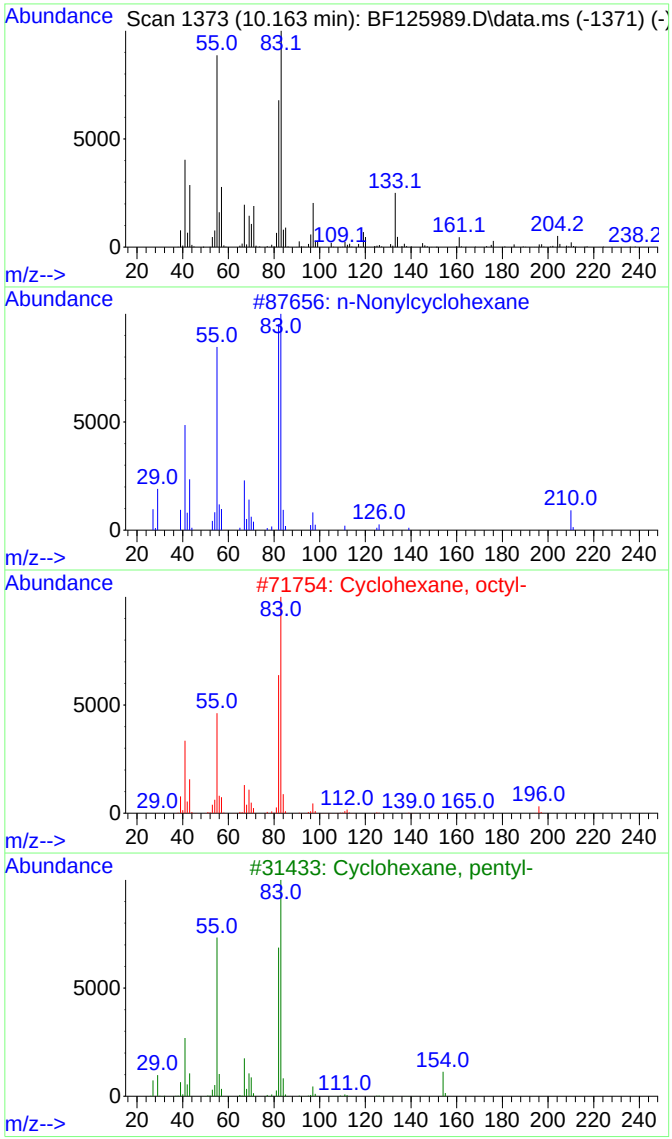
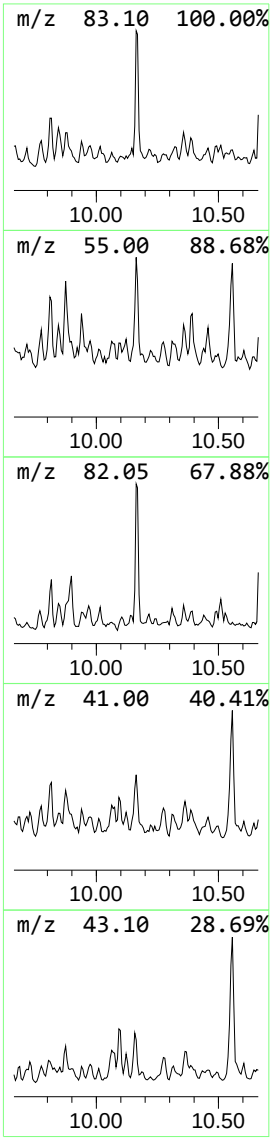
Peak Number 14 n-Nonylcyclohexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	25.09 ng	1913640	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonylcyclohexane	210	C15H30	002883-02-5	62
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	58
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4	Heptylcyclohexane	182	C13H26	005617-41-4	53
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	52





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-3

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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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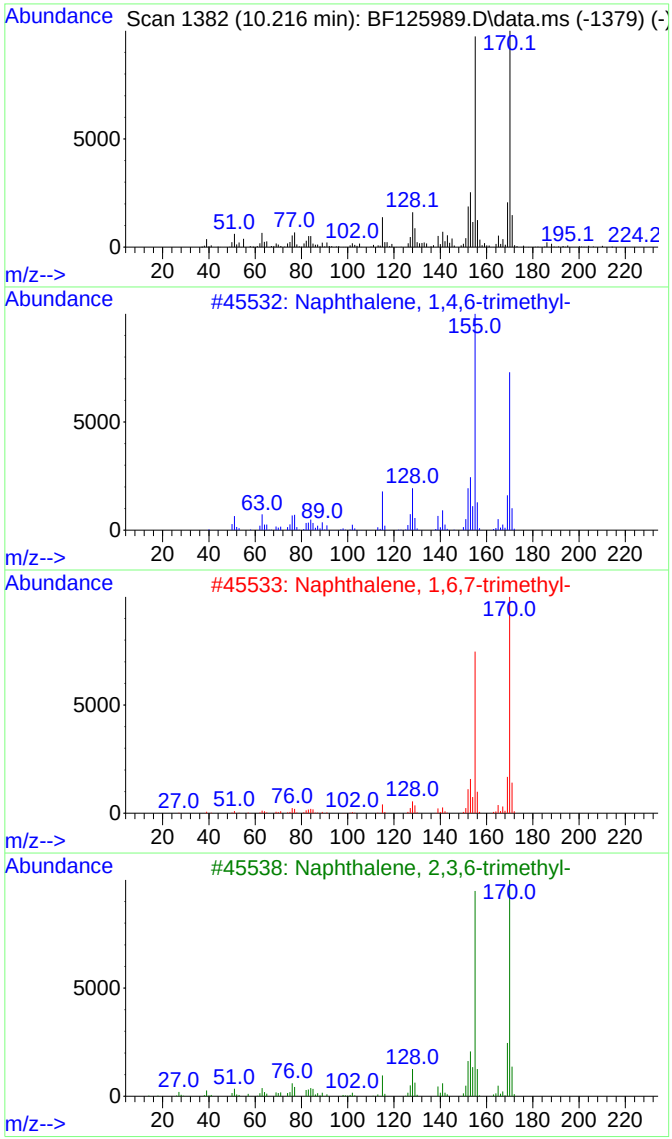
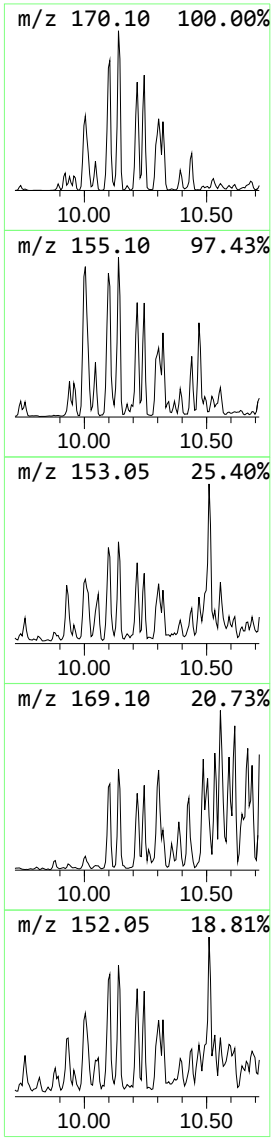
Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.216	20.07 ng	1530340	Acenaphthene-d10	9.898

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	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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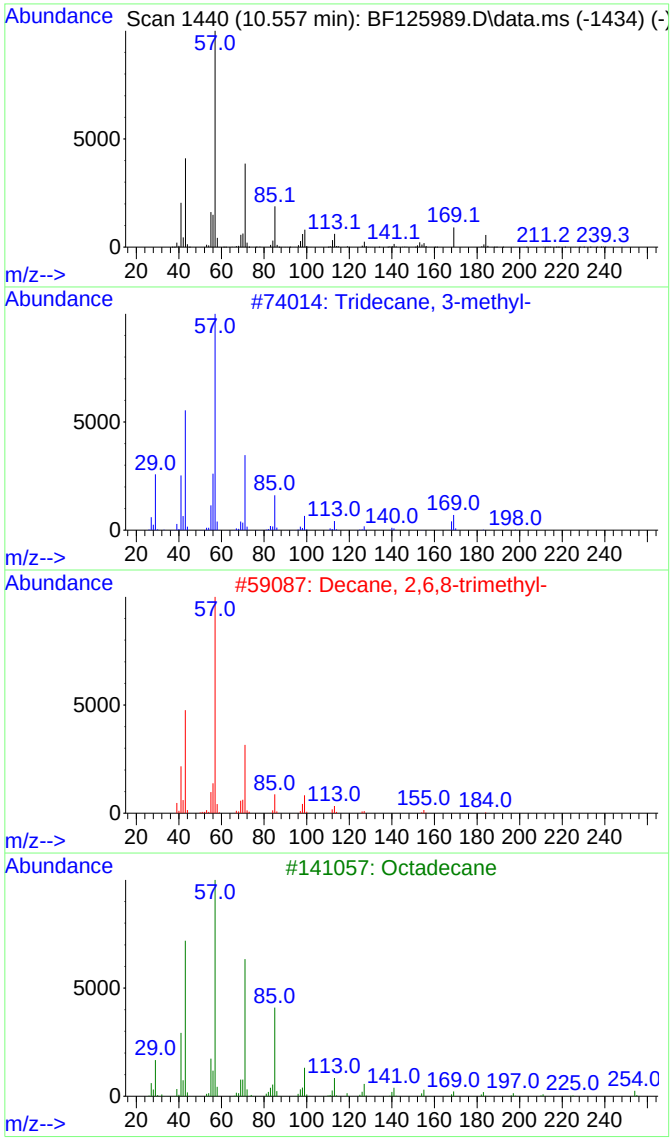
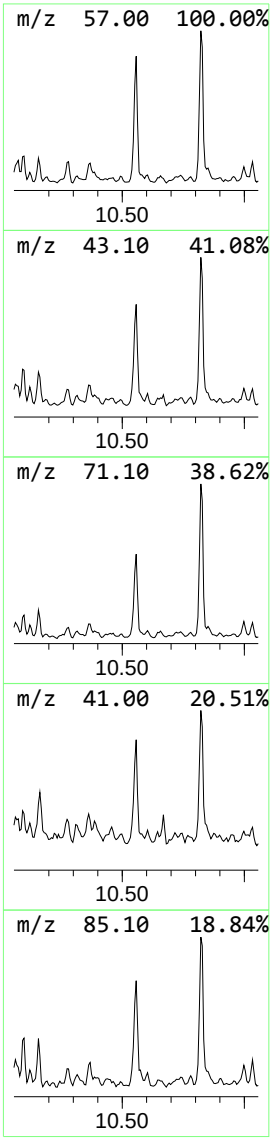
Peak Number 16 Tridecane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	56.85 ng	4335010	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
3	Octadecane	254	C18H38	000593-45-3	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64





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Acq On : 28 Oct 2021 15:16
Operator : JU/CG
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

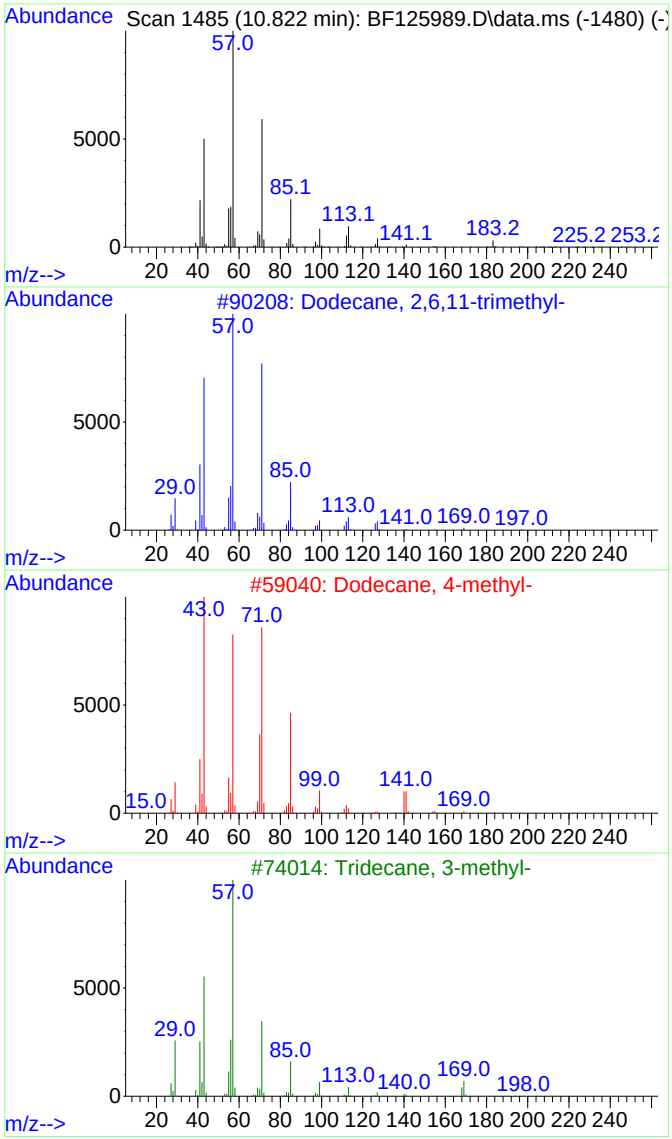
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

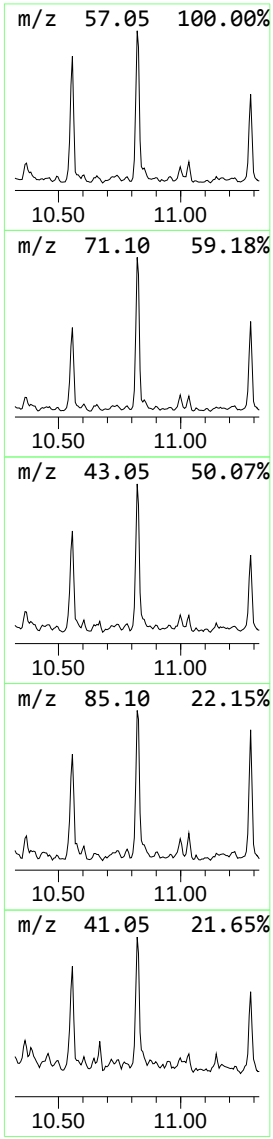
****

Peak Number 17 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	103.47 ng	6333370	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	62
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59





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Data File : BF125989.D
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Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

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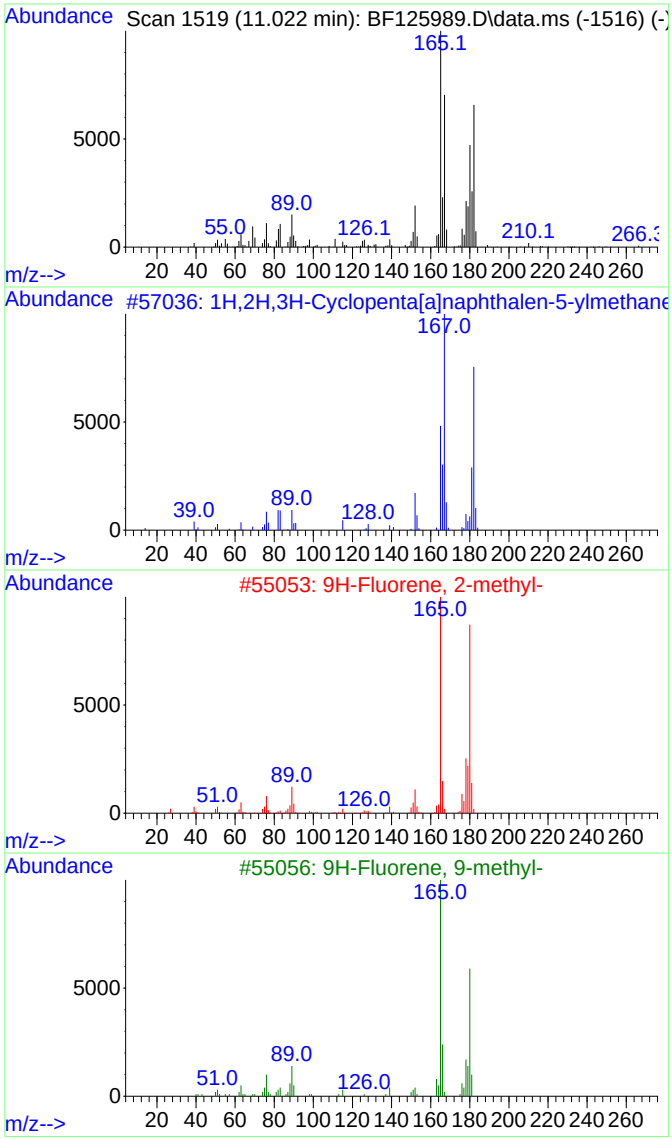
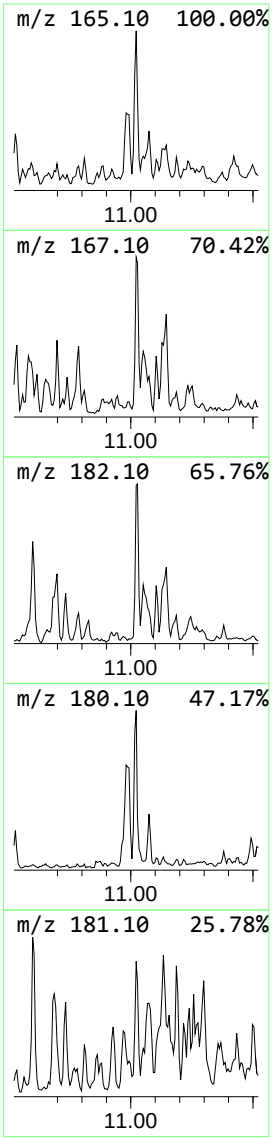
****
Peak Number 18 1H,2H,3H-Cyclopenta[a]napht... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.022	23.29 ng	1425430	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	55
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
4	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	46
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125989.D
Acq On : 28 Oct 2021 15:16
Operator : JU/CG
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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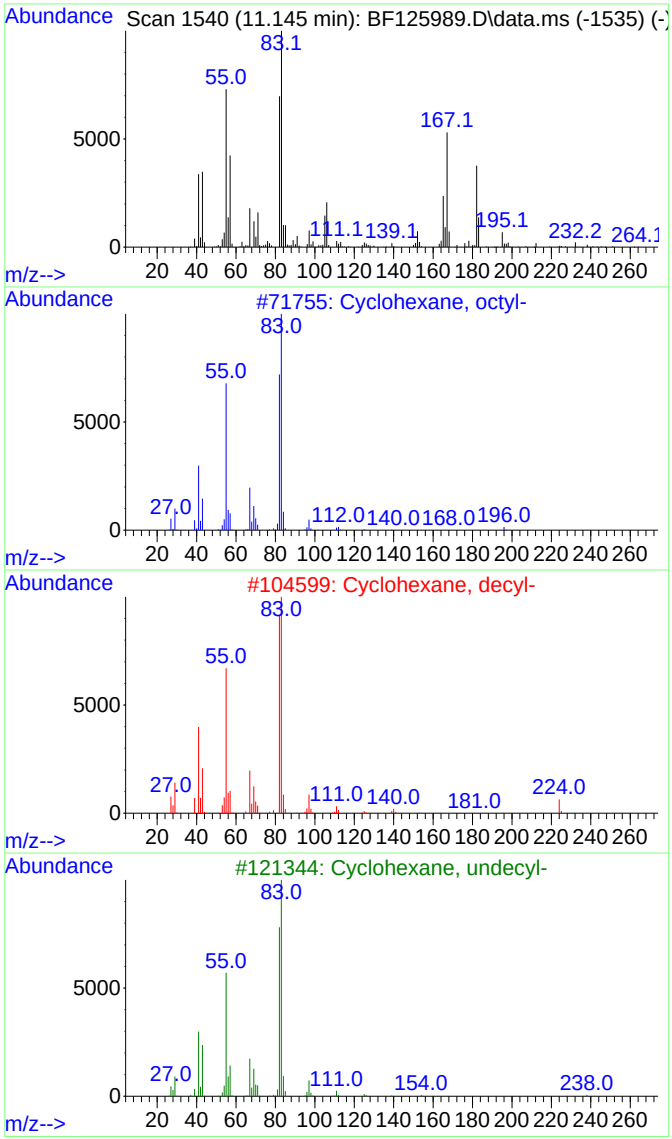
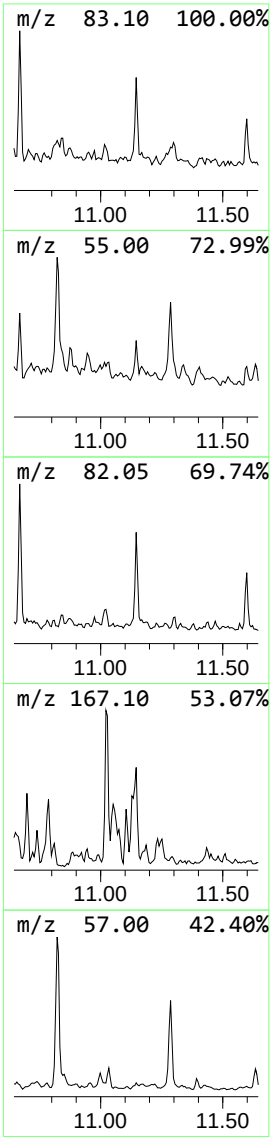
Peak Number 19 Cyclohexane, octyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	16.97 ng	1039000	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	89
2	Cyclohexane, decyl-	224	C16H32	001795-16-0	64
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
4	Heptylcyclohexane	182	C13H26	005617-41-4	60
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50





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Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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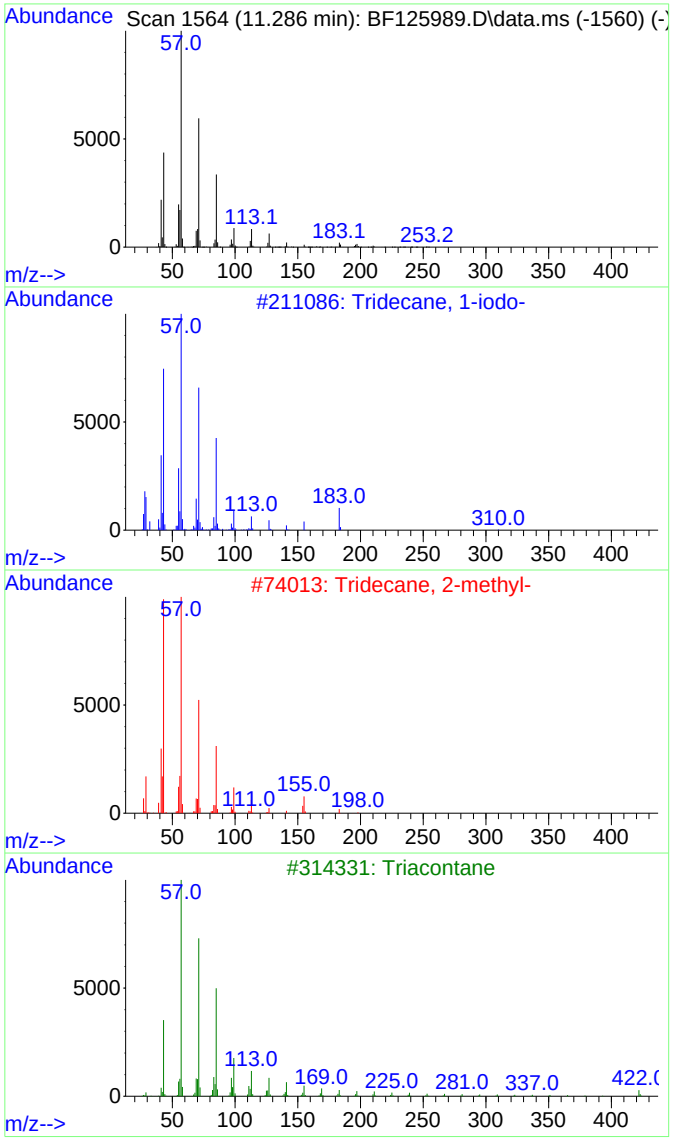
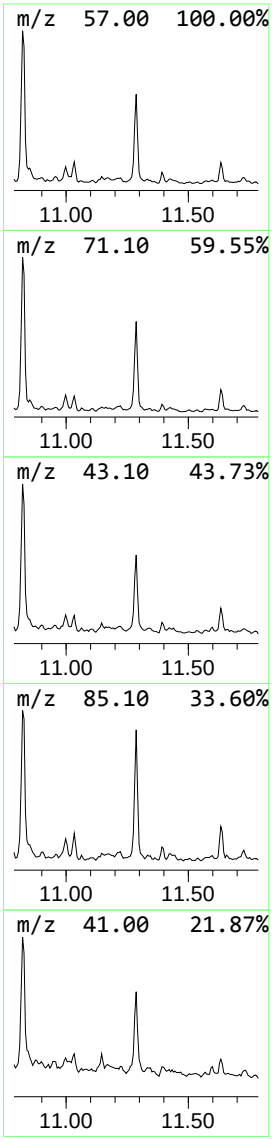
Peak Number 20 Tridecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	59.02 ng	3612360	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
3	Triacontane	422	C30H62	000638-68-6	78
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125989.D
Acq On : 28 Oct 2021 15:16
Operator : JU/CG
Sample : M4372-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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
Cyclohexane, (4...	8.439	14.9	ng	1634440	2	8.139	2187570	20.0
Pentadecane, 2,...	8.575	24.7	ng	2701350	2	8.139	2187570	20.0
Cyclohexane, (1...	9.057	16.3	ng	1244980	3	9.898	1525170	20.0
Undecane, 5-ethyl-	9.316	25.4	ng	1940180	3	9.898	1525170	20.0
Naphthalene, 2-...	9.416	18.0	ng	1373650	3	9.898	1525170	20.0
Naphthalene, 2,...	9.486	37.5	ng	2855710	3	9.898	1525170	20.0
Naphthalene, 1,...	9.557	44.7	ng	3412140	3	9.898	1525170	20.0
Naphthalene, 1,...	9.586	24.2	ng	1842770	3	9.898	1525170	20.0
Dodecane, 2,6,1...	9.628	75.4	ng	5748120	3	9.898	1525170	20.0
Naphthalene, 1,...	9.675	18.2	ng	1388900	3	9.898	1525170	20.0
unknown9.816	9.816	16.1	ng	1227790	3	9.898	1525170	20.0
Naphthalene, 2-...	10.004	24.1	ng	1835820	3	9.898	1525170	20.0
Naphthalene, 1,...	10.098	28.0	ng	2137450	3	9.898	1525170	20.0
n-Nonylcyclohexane	10.163	25.1	ng	1913640	3	9.898	1525170	20.0
Naphthalene, 1,...	10.216	20.1	ng	1530340	3	9.898	1525170	20.0
Tridecane, 3-me...	10.557	56.9	ng	4335010	3	9.898	1525170	20.0
Dodecane, 2,6,1...	10.822	103.5	ng	6333370	4	11.380	1224200	20.0
1H,2H,3H-Cyclop...	11.022	23.3	ng	1425430	4	11.380	1224200	20.0
Cyclohexane, oc...	11.145	17.0	ng	1039000	4	11.380	1224200	20.0
Tridecane, 1-iodo-	11.286	59.0	ng	3612360	4	11.380	1224200	20.0