LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125827.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	568	573	576	rBV	3563199	3324811	64.92%	5.119%
2	6.469	740	745	748	rBV	3493344	3254926	63.56%	5.011%
3	6.845	805	809	812	rBV	1228116	1017641	19.87%	1.567%
4	7.404	894	904	907	rBV	2441678	2180883	42.58%	3.358%
5	7.498	914	920	922	rVB	187886	221275	4.32%	0.341%
6	7.722	954	958	961	rBV3	92732	119478	2.33%	0.184%
7	7.769	964	966	970	rVV2	179713	196280	3.83%	0.302%
8	8.028	1007	1010	1015	rBV2	989534	836175	16.33%	1.287%
9	8.075	1015	1018	1022	rBV4	235132	334384	6.53%	0.515%
10	8.122	1022	1026	1031	rVV	1523355	1675401	32.71%	2.579%
11	8.186	1034	1037	1040	rVB2	222532	281077	5.49%	0.433%
12	8.216	1040	1042	1044	rBV3	149501	123779	2.42%	0.191%
13	8.304	1054	1057	1059	rBV2	238860	204919	4.00%	0.315%
14	8.363	1064	1067	1070	rBV3	255530	337643	6.59%	0.520%
15	8.422	1073	1077	1080	rBV3	444164	462394	9.03%	0.712%
16	8.475	1084	1086	1089	rBV3	272240	267138	5.22%	0.411%
17	8.516	1089	1093	1095	rBV4	313304	418905	8.18%	0.645%
18	8.551	1096	1099	1101	rBV	411860	412371	8.05%	0.635%
19	8.569	1101	1102	1104	rVB	296388	207073	4.04%	0.319%
20	8.592	1104	1106	1109	rVB2	625677	529267	10.33%	0.815%
21	8.633	1110	1113	1115	rBV2	392198	355861	6.95%	0.548%
22	8.657	1115	1117	1118	rBV	251307	200731	3.92%	0.309%
23	8.675	1118	1120	1121	rBV	174422	123355	2.41%	0.190%
24	8.757	1129	1134	1135	rBV3	359953	620036	12.11%	0.955%
25	8.822	1142	1145	1147	rVB3	439325	361824	7.07%	0.557%
26	8.875	1151	1154	1157	rBV3	569808	556645	10.87%	0.857%
27	8.904	1157	1159	1162	rBV3	576101	662661	12.94%	1.020%
28	8.951	1162	1167	1169	rBV2	1241535	1360487	26.56%	2.095%
29	9.010	1174	1177	1180	rBV5	524258	684156	13.36%	1.053%
30	9.069	1185	1187	1188	rBV2	443069	338034	6.60%	0.520%
31	9.092	1189	1191	1193	rVB3	644158	491733	9.60%	0.757%
32	9.127	1194	1197	1199	rBV2	1128612	895425	17.48%	1.379%
33	9.157	1199	1202	1205	rVB2	1790158	1577155	30.80%	2.428%
34	9.204	1206	1210	1212	rBV	4129568	3830610	74.80%	5.898%
35	9.245	1215	1217	1219	rBV2	502518	428510	8.37%	0.660%
36	9.286	1221	1224	1229	rBV5	1869353	2614057	51.04%	4.025%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.357	1234	1236	1238	rVB2	781238	630618	12.31%	0.971%
38	9.522	1261	1264	1266	rBV3	1286503	1577005	30.79%	2.428%
39	9.545	1266	1268	1270	rVV	1277967	1016837	19.85%	1.566%
40	9.569	1270	1272	1275	rVB2	1791773	1819828	35.53%	2.802%
41	9.604	1275	1278	1279	rBV2	3851828	3705591	72.36%	5.705%
42	9.763	1302	1305	1308	rBV3	1832099	2391106	46.69%	3.681%
43	9.810	1310	1313	1315	rVB2	3731904	3658550	71.44%	5.633%
44	9.880	1321	1325	1330	rBV6	2694501	5121356	100.00%	7.885%
45	10.163	1371	1373	1378	rBV4	1685054	2151662	42.01%	3.313%
46	14.027	2028	2030	2034	rBV3	1312957	1712265	33.43%	2.636%
47	15.056	2200	2205	2208	rBV	2179183	3526753	68.86%	5.430%
48	15.351	2251	2255	2260	rVB	1293026	1660034	32.41%	2.556%
49	15.409	2261	2265	2272	rVB	1248802	1580885	30.87%	2.434%
50	15.468	2272	2275	2278	rBV2	712687	835680	16.32%	1.287%
51	16.909	2515	2520	2528	rVB2	526855	954135	18.63%	1.469%
52	17.092	2547	2551	2556	rBV2	96433	217073	4.24%	0.334%
53	17.350	2589	2595	2608	rVB	402934	885476	17.29%	1.363%

Sum of corrected areas: 64951954

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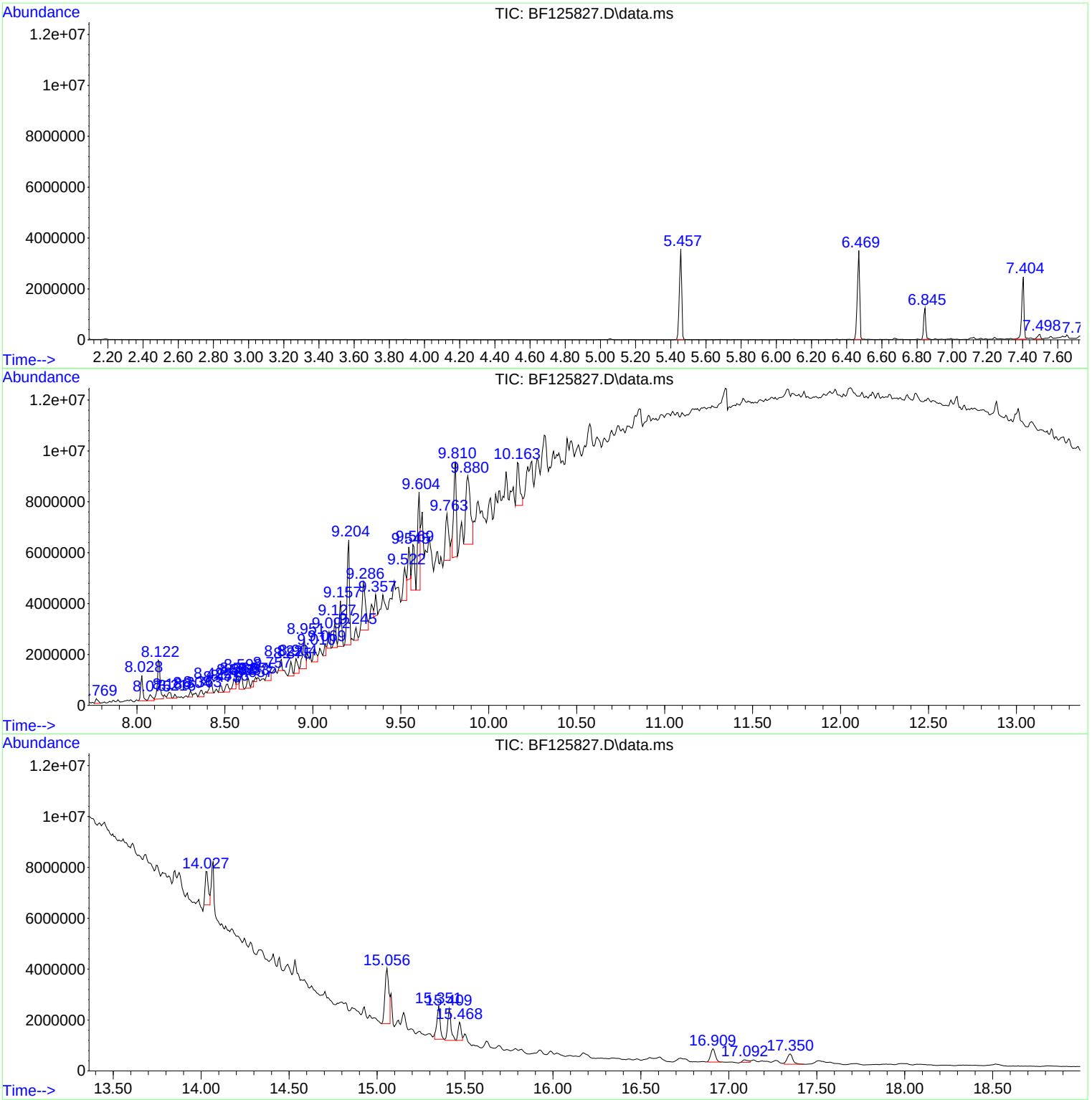
Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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\BF101321\
Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-330

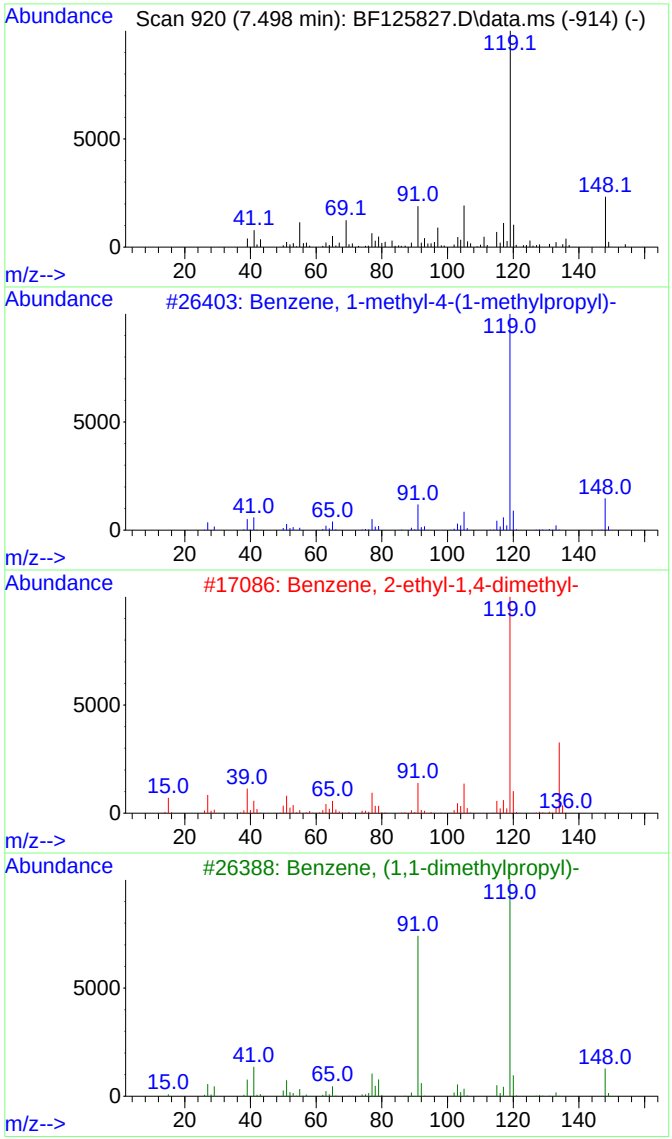
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

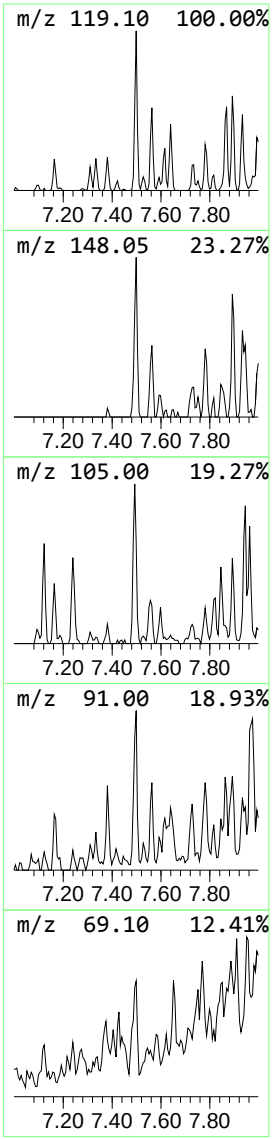
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.498	2.64 ng	221275	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
5	p-Cymene	134	C10H14	000099-87-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

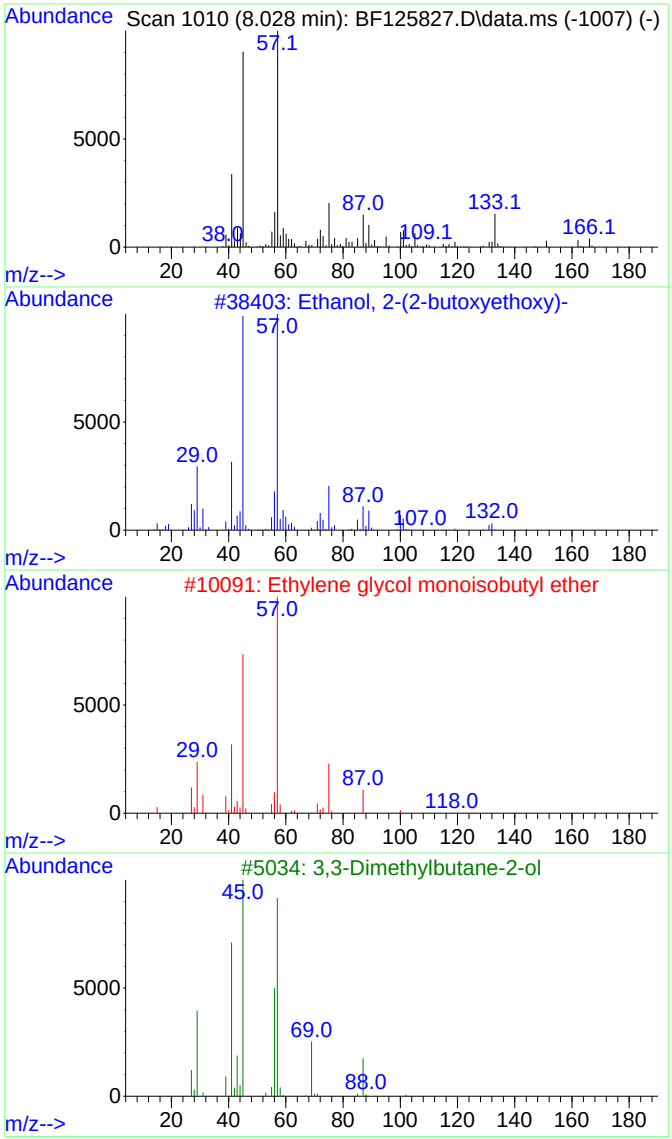
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

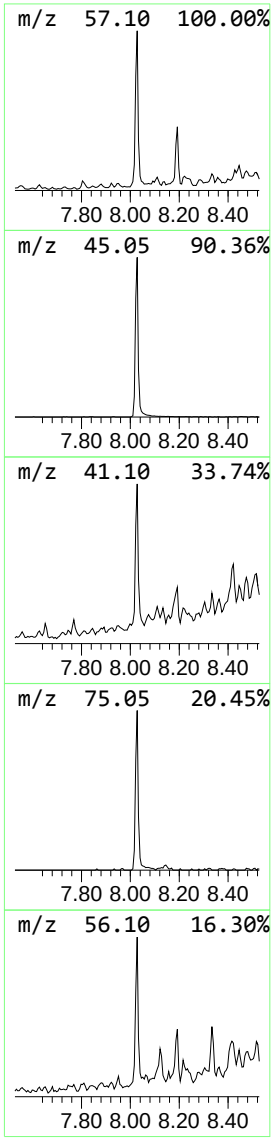
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.028	9.98 ng	836175	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	80
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	47
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

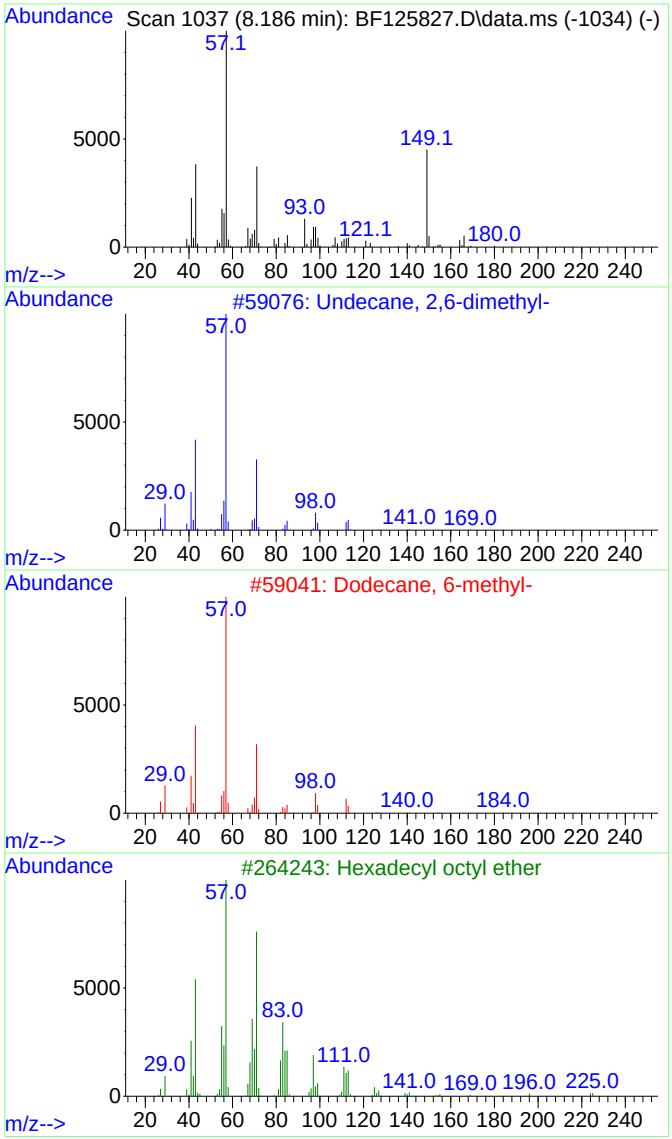
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

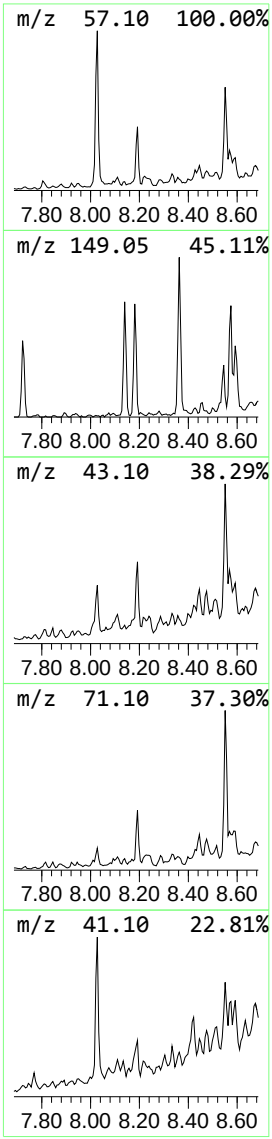
****

Peak Number 3 unknown8.186 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.186	3.36 ng	281077	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	27
3	Hexadecyl octyl ether	354	C24H50O	1000406-38-6	27
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	27
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

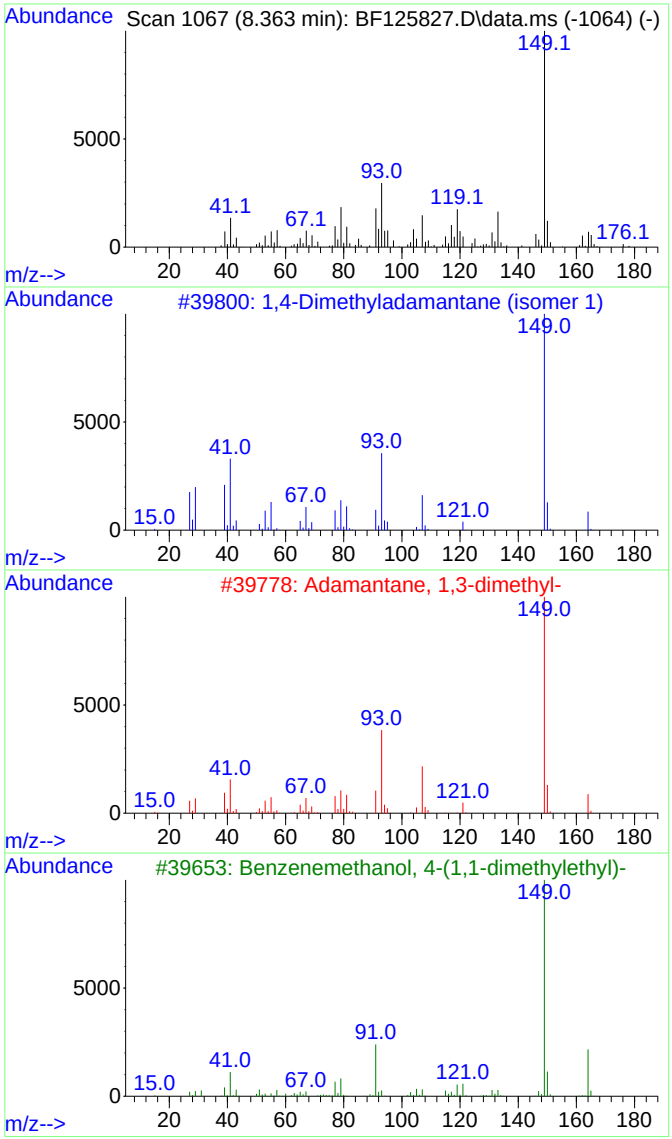
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

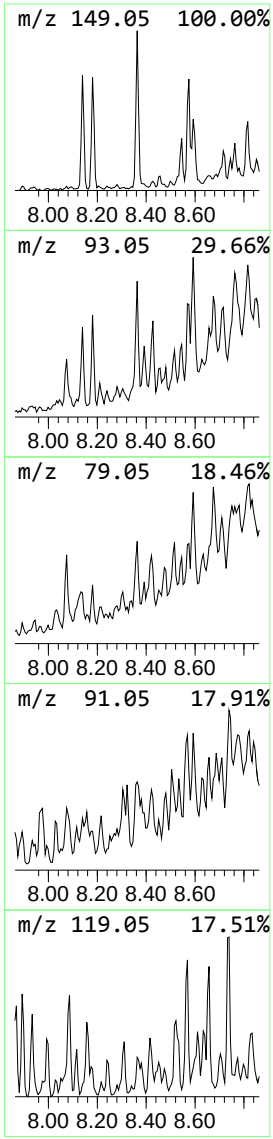
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,4-Dimethyladamantane (iso... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	4.03 ng	337643	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	76
2	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	68
3	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	64
4	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	59
5	Benzene, 1-methoxy-4-methyl-2-(1...	164	C11H16O	031574-44-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

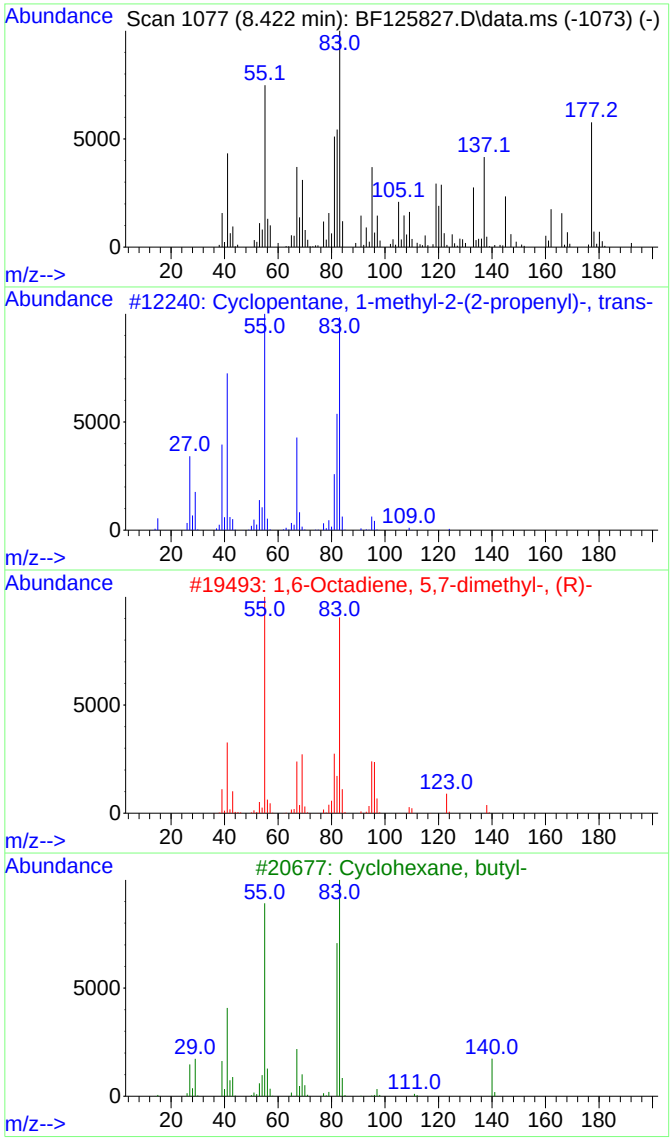
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

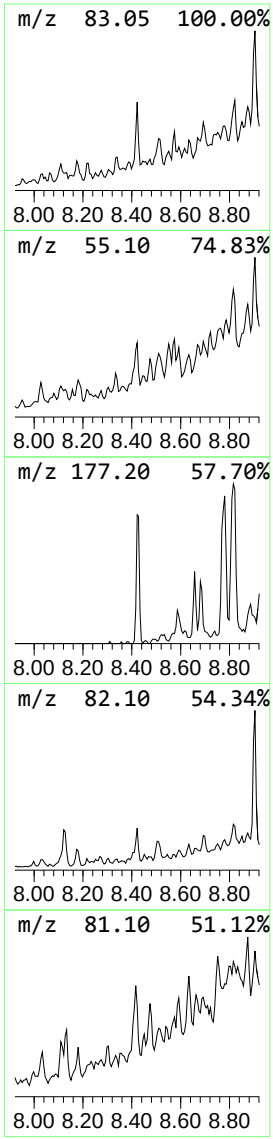
****

Peak Number 5 unknown8.422 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.422	5.52 ng	462394	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	27
2	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	25
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	22
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	22
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

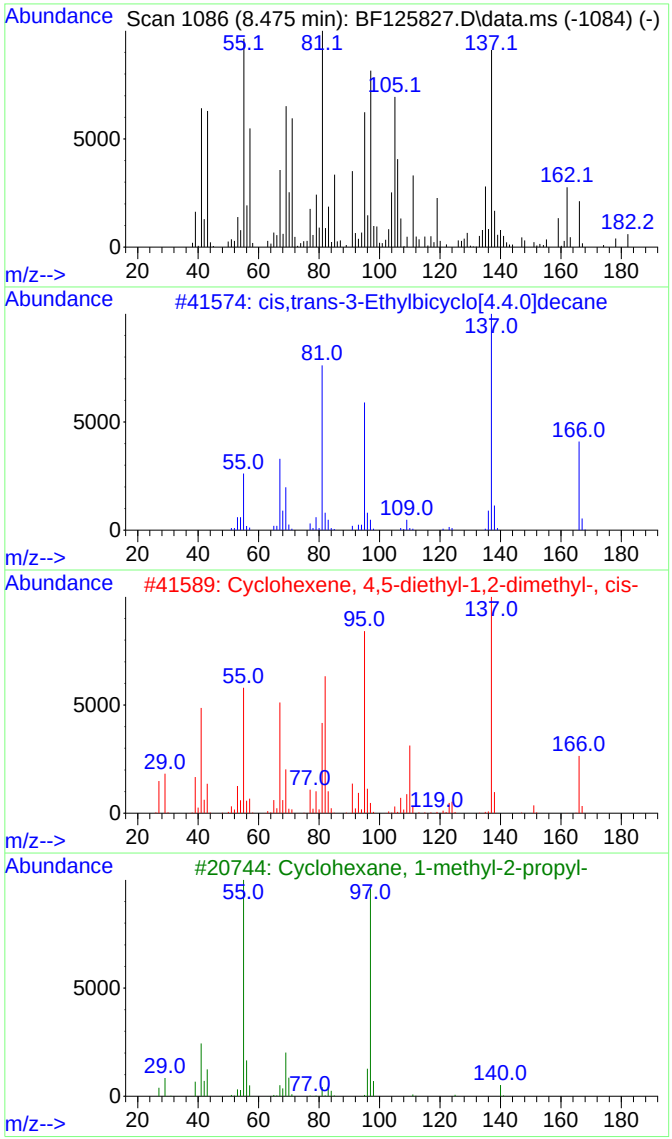
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

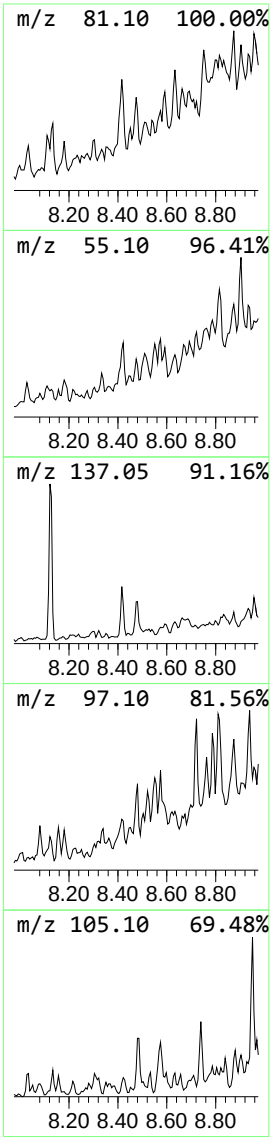
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 cis,trans-3-Ethylbicyclo[4.... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.475	3.19 ng	267138	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	50
2	Cyclohexene, 4,5-diethyl-1,2-dim...	166	C12H22	014113-70-3	18
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	15
4	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	14
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	11





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Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

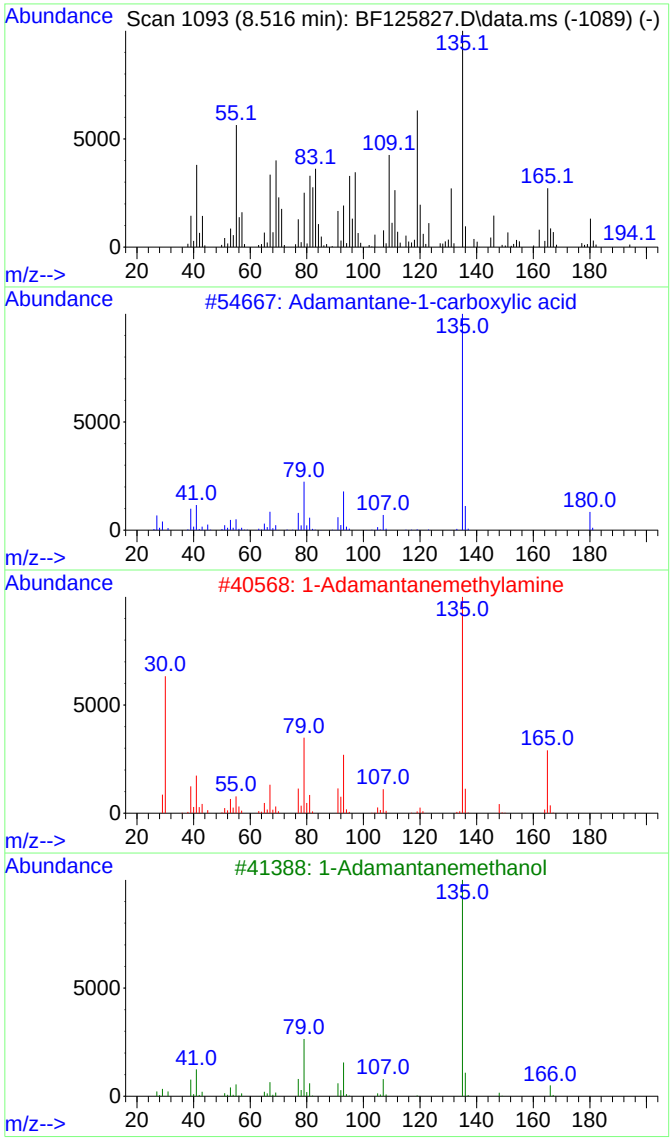
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

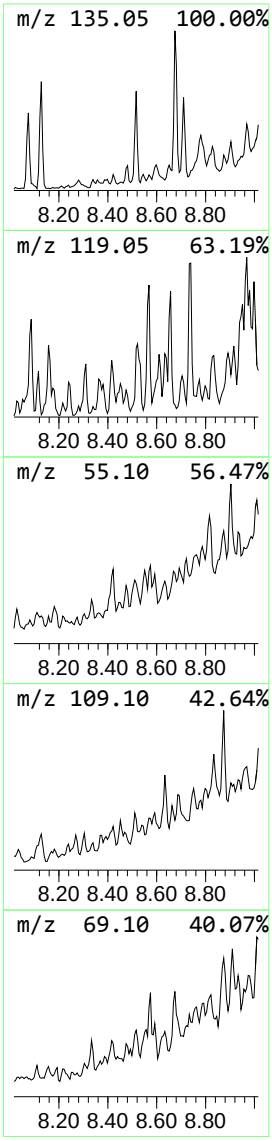
****

Peak Number 7 unknown8.516 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	5.00 ng	418905	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	35
2	1-Adamantanemethylamine	165	C11H19N	017768-41-1	30
3	1-Adamantanemethanol	166	C11H18O	000770-71-8	25
4	1-Adamantaneacetic acid	194	C12H18O2	004942-47-6	15
5	4-Amino-2,6-dimethyl-3-pyridyl 1...	300	C18H24N2O2	1000260-99-2	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

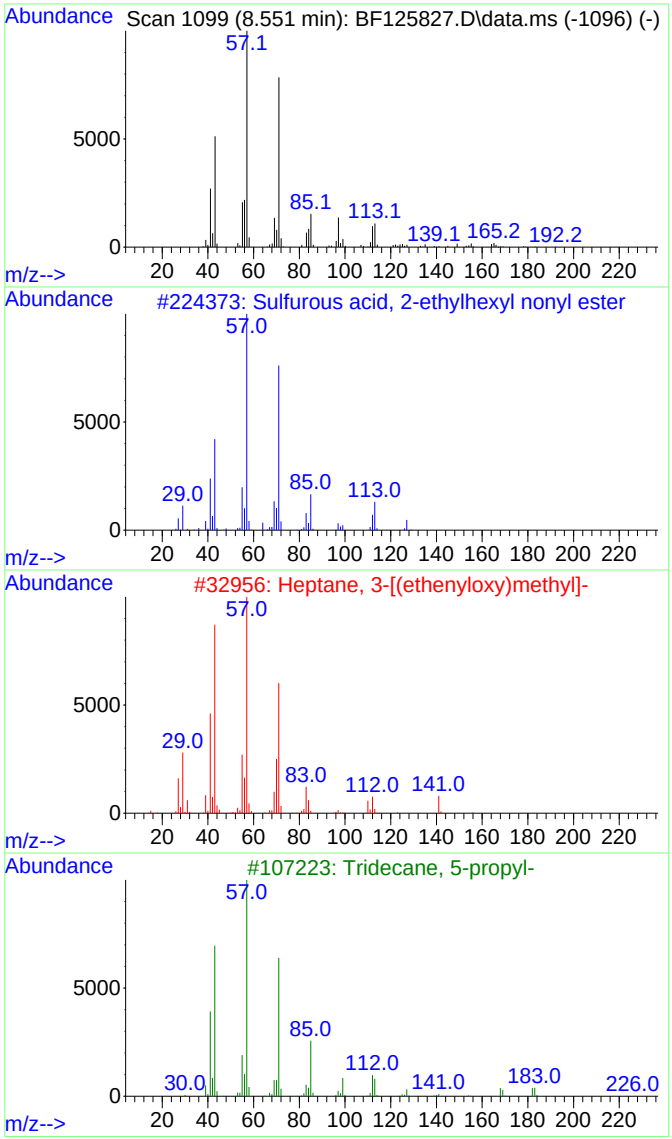
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

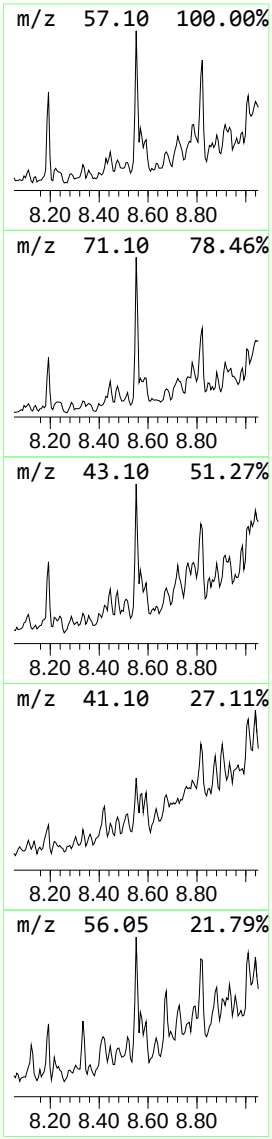
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Sulfurous acid, 2-ethylhexy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	4.92 ng	412371	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	72
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	49





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Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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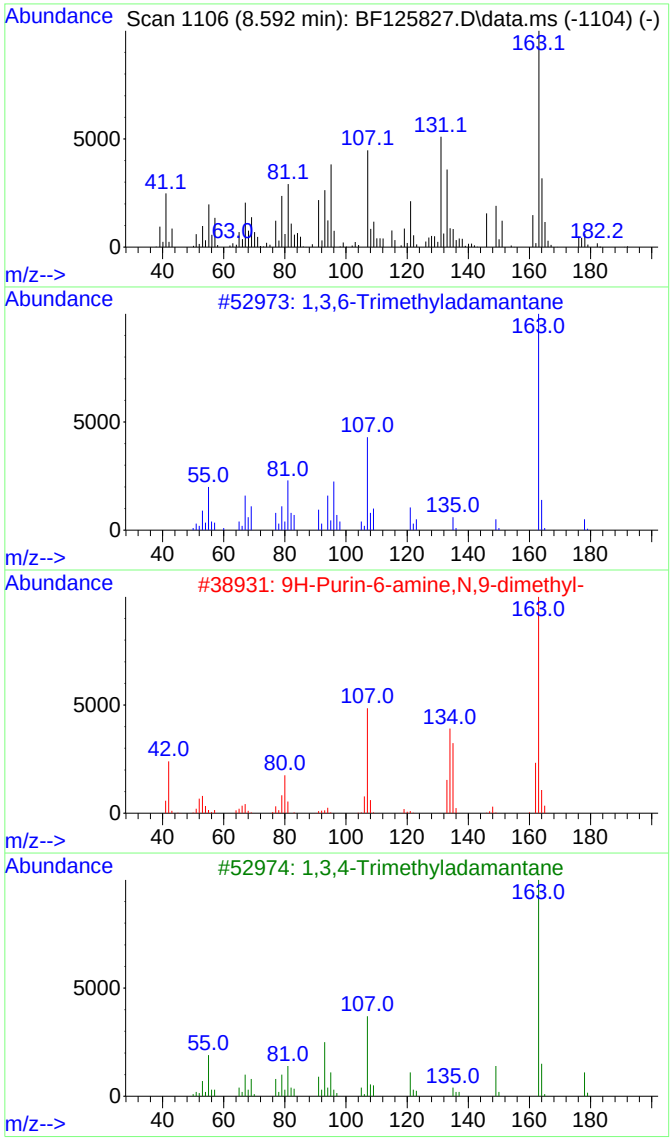
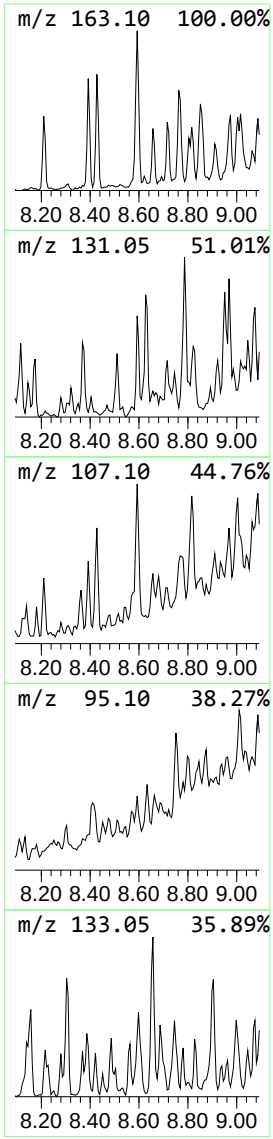
Peak Number 9 unknown8.592 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.592	6.32 ng	529267	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	38
2	9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	38
3	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	37
4	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	35
5	N-Acetyl-L-tyrosinamide	222	C11H14N2O3	001948-71-6	35





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Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

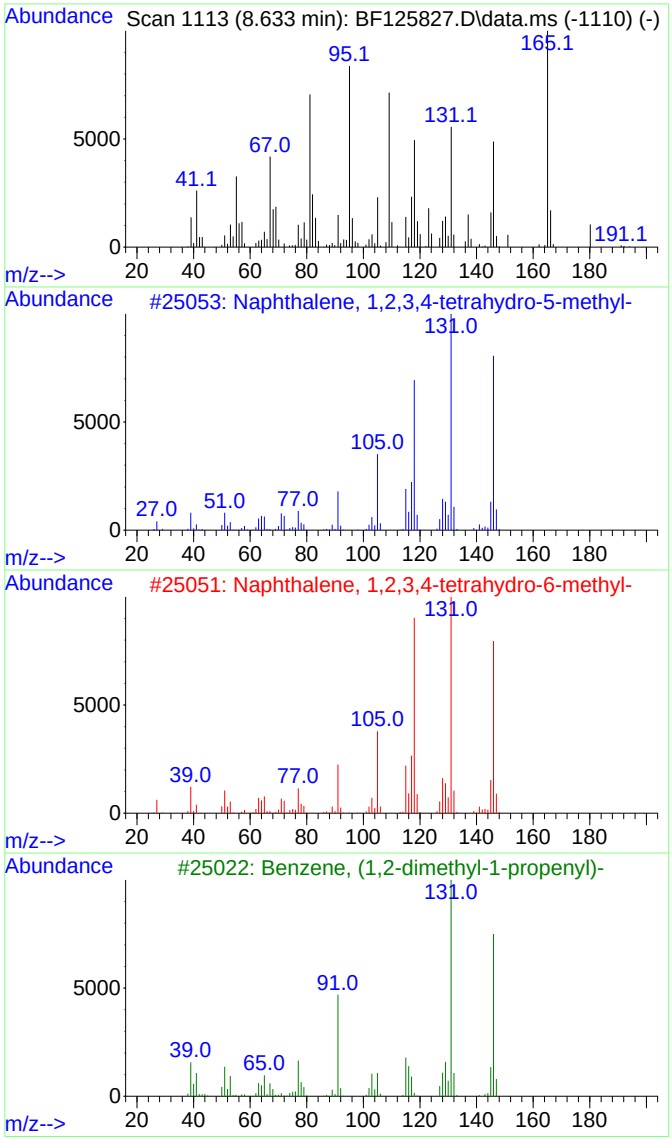
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

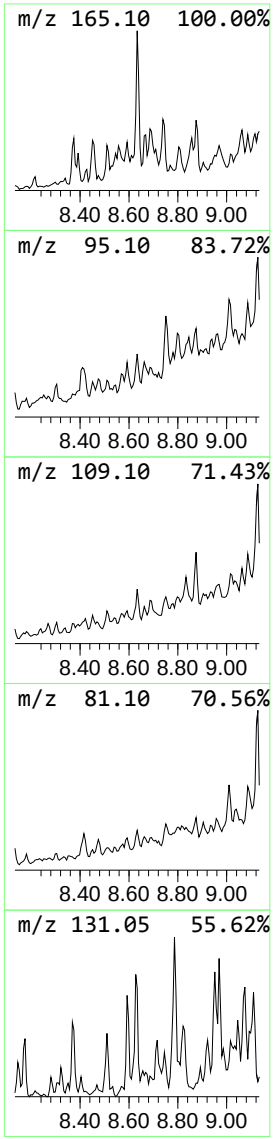
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.633	4.25 ng	355861	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	44
4	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	30
5	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	25





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

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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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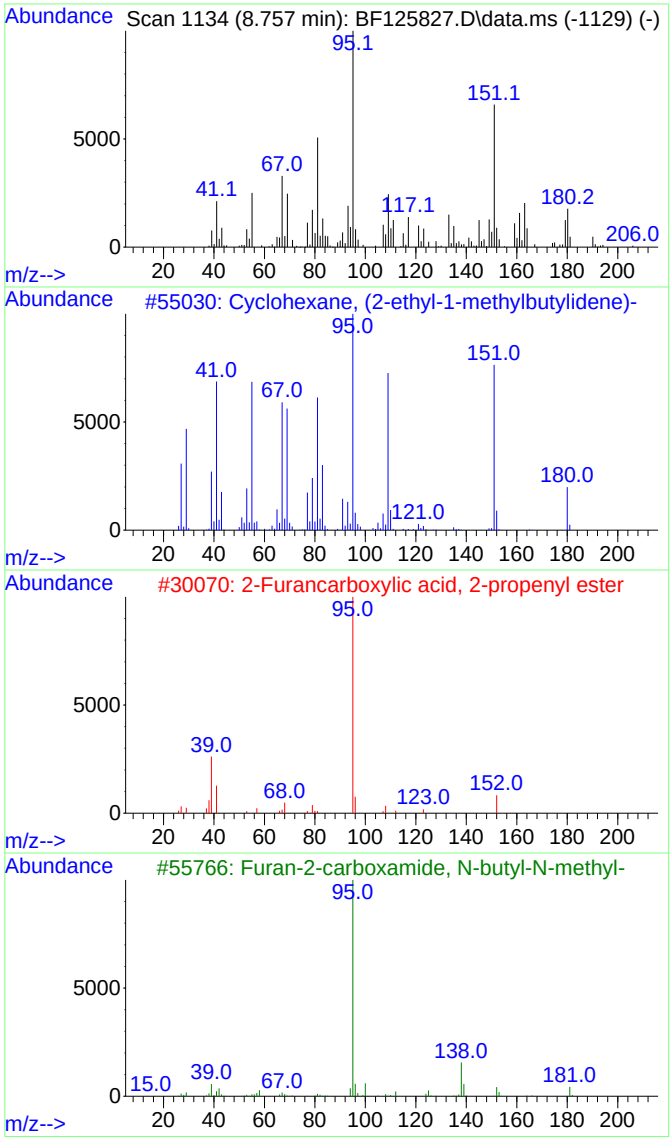
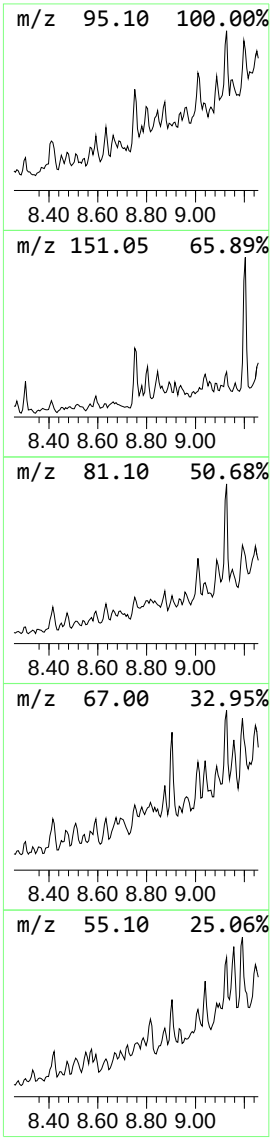
Peak Number 11 unknown8.757 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.757	7.40 ng	620036	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	49
2	2-Furancarboxylic acid, 2-propen...	152	C8H8O3	004208-49-5	25
3	Furan-2-carboxamide, N-butyl-N-m...	181	C10H15NO2	1000415-63-9	22
4	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	003588-18-9	22
5	Cyclohexene, 3-(bromomethyl)-	174	C7H11Br	034825-93-9	22





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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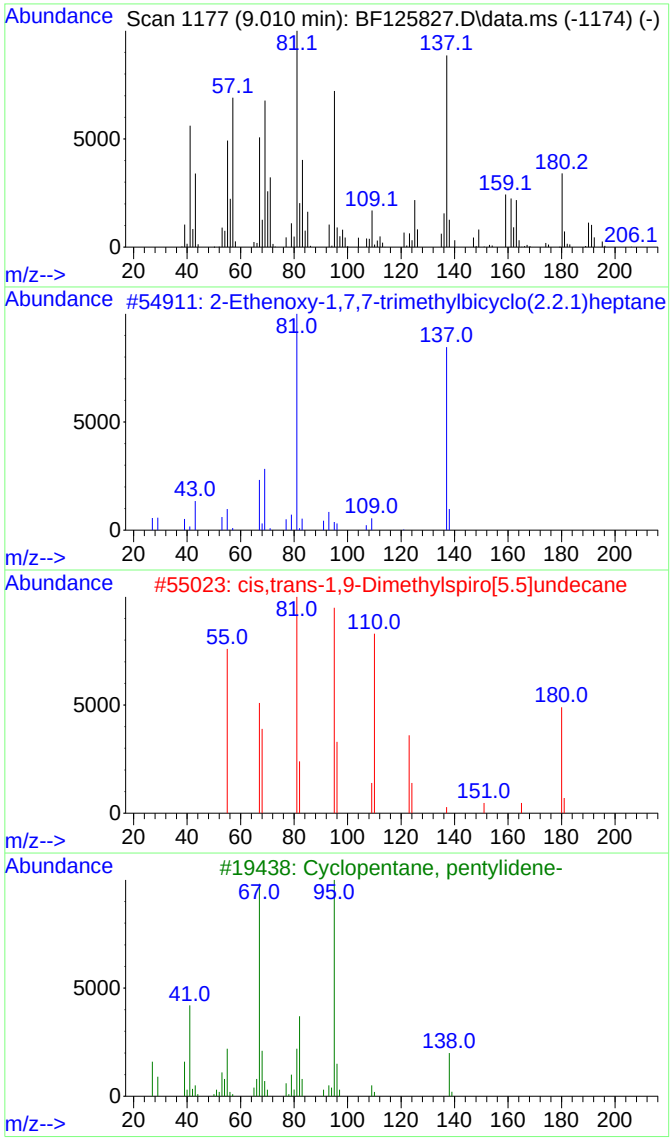
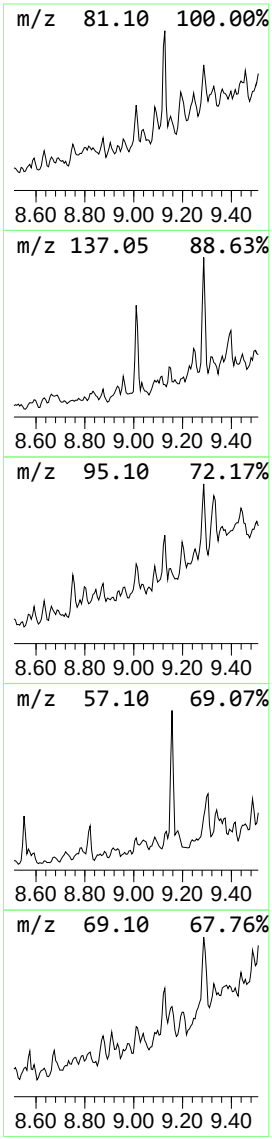
Peak Number 12 unknown9.010 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	2.67 ng	684156	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethenoxy-1,7,7-trimethylbicycl...	180	C12H20O	1000432-15-0	38
2	cis,trans-1,9-Dimethylspiro[5.5]...	180	C13H24	1000111-73-3	35
3	Cyclopentane, pentylidene-	138	C10H18	053366-55-5	25
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	25
5	Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	22





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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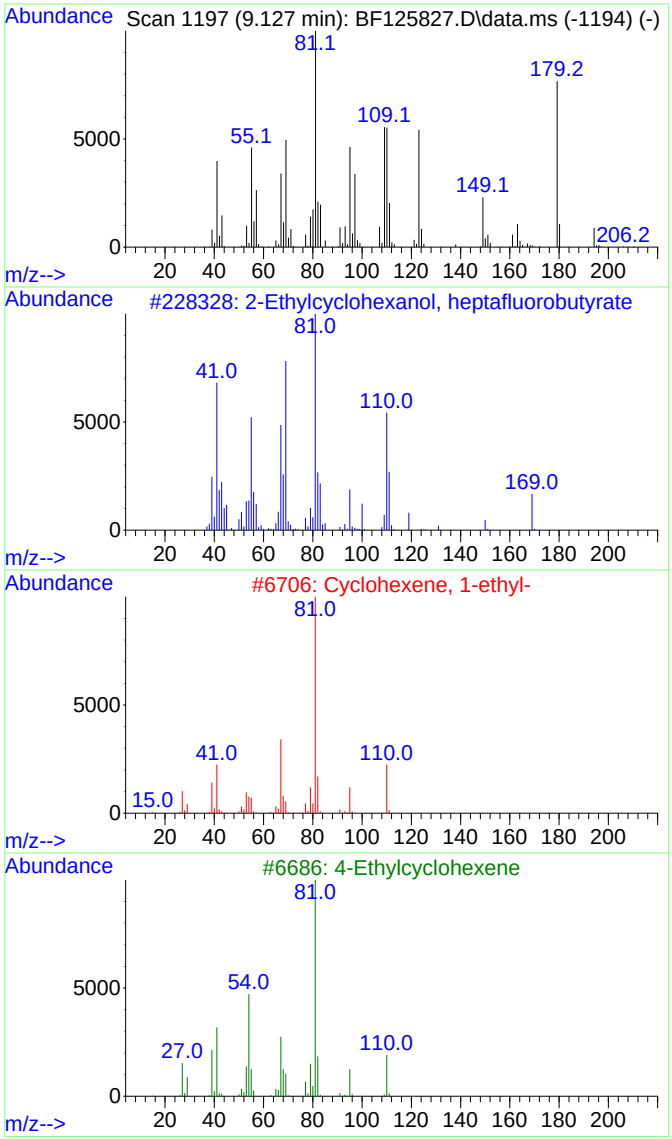
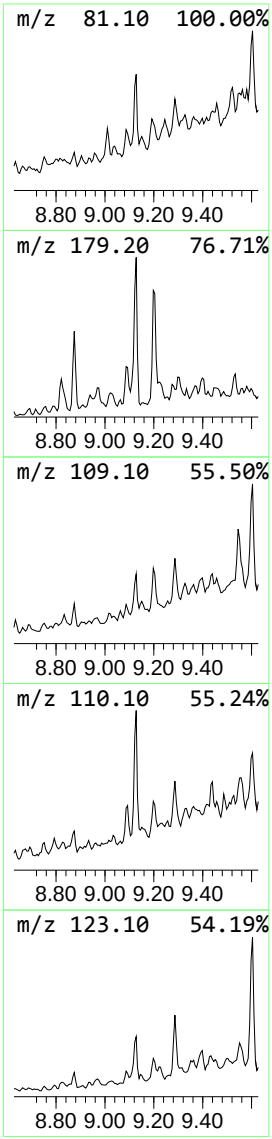
Peak Number 13 unknown9.127 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.127	3.50 ng	895425	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylcyclohexanol, heptafluoro...	324	C12H15F7O2	959079-92-6	27
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
3	4-Ethylcyclohexene	110	C8H14	003742-42-5	22
4	Furan, 2,3,5-trimethyl-	110	C7H10O	010504-04-8	14
5	1H-1,2,3-Triazole, 4-(4-chloroph...	179	C8H6ClN3	005604-31-9	11





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Sample : M4142-01
Misc :
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Instrument : BNA_F
ClientSampleId : ETGI-330

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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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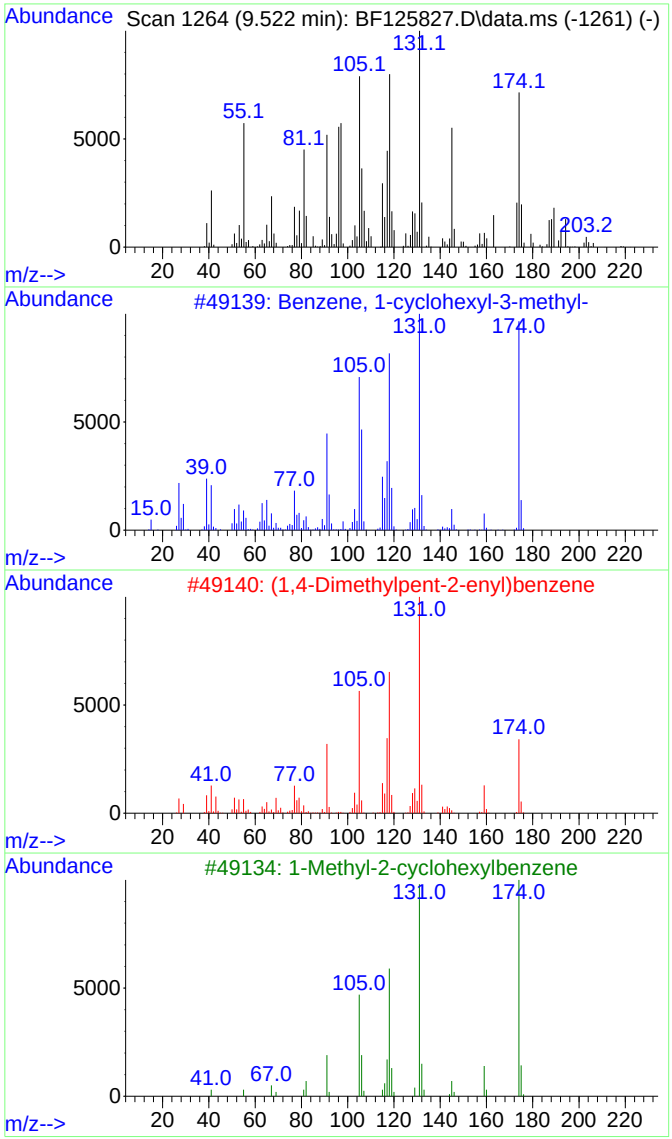
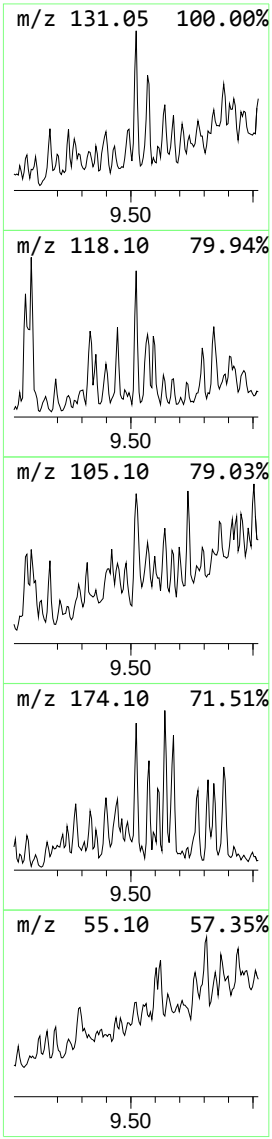
Peak Number 14 Benzene, 1-cyclohexyl-3-met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	6.16 ng	1577010	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	87
2	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	60
3	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	55
4	1,2,3,4-Tetrahydro-3-isopropyl-5...	188	C14H20	1000241-59-1	41
5	3-Phenylpropyl cinnamate, (E)-	266	C18H18O2	290311-72-7	27





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Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

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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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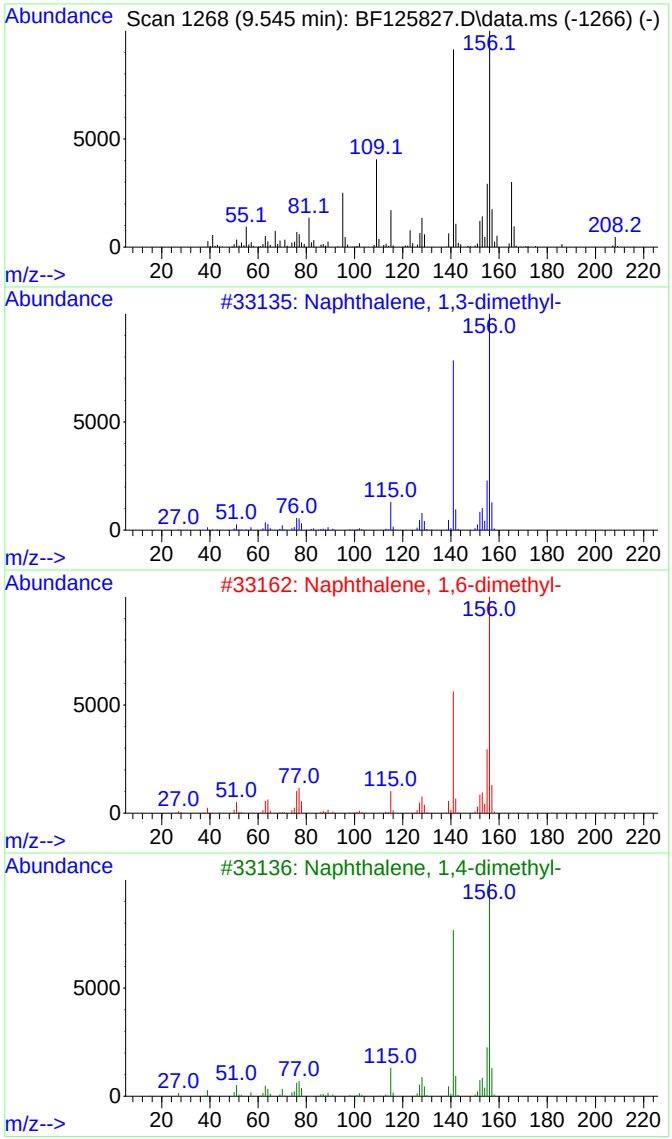
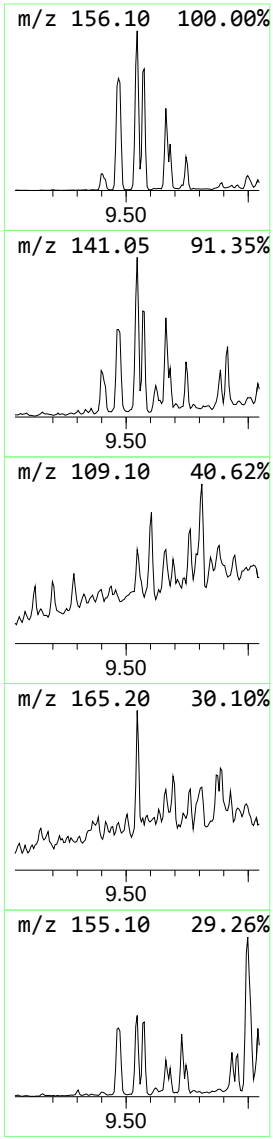
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	3.97 ng	1016840	Acenaphthene-d10	9.892

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	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93





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Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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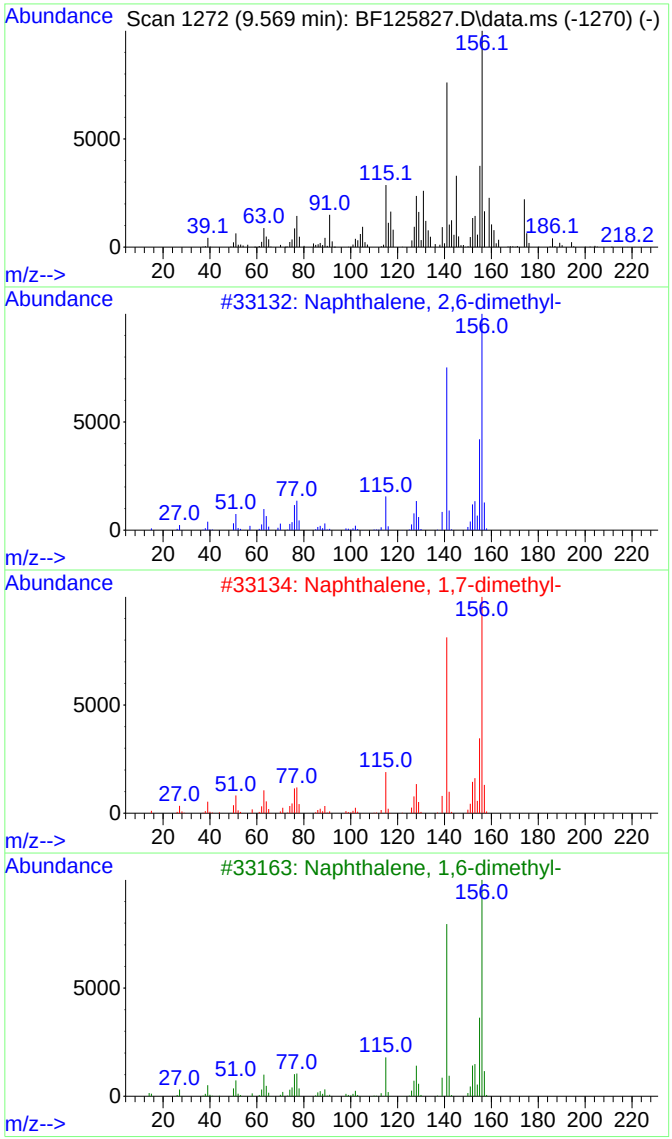
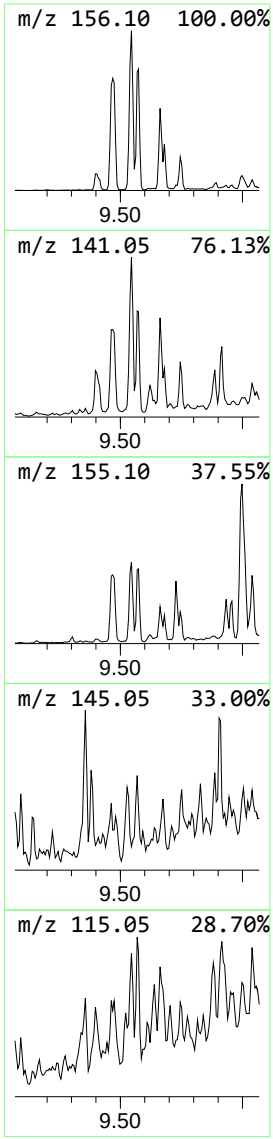
Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	7.11 ng	1819830	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	92
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91





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Sample : M4142-01
Misc :
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Instrument : BNA_F
ClientSampleId : ETGI-330

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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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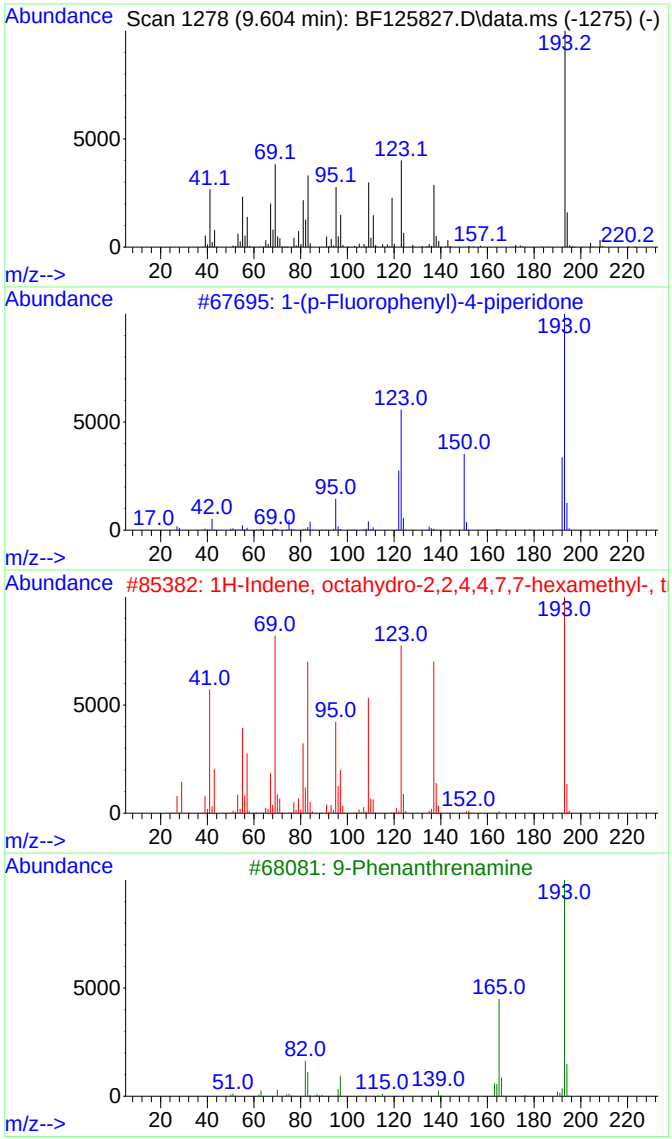
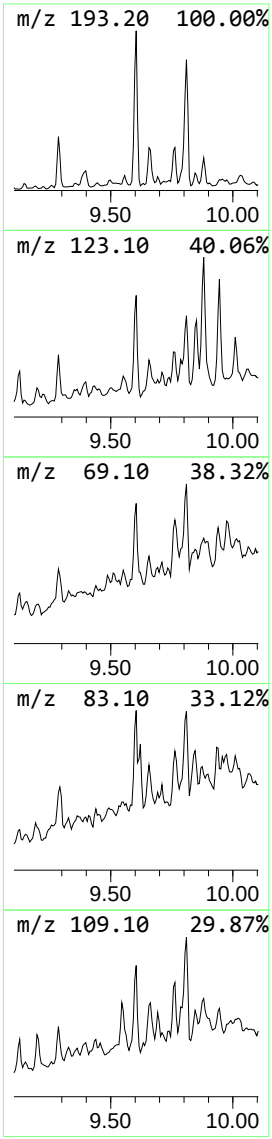
Peak Number 17 1-(p-Fluorophenyl)-4-piperi... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	14.47 ng	3705590	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	50
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
3	9-Phenanthrenamine	193	C14H11N	000947-73-9	30
4	2-Anthracenamine	193	C14H11N	000613-13-8	30
5	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	30





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Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

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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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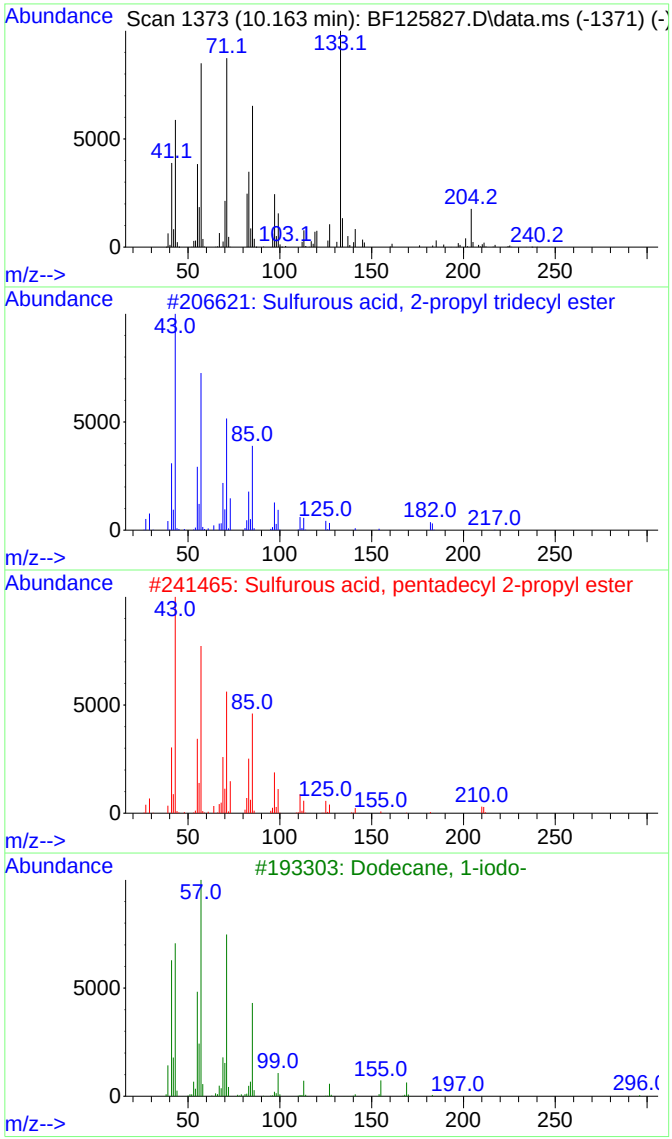
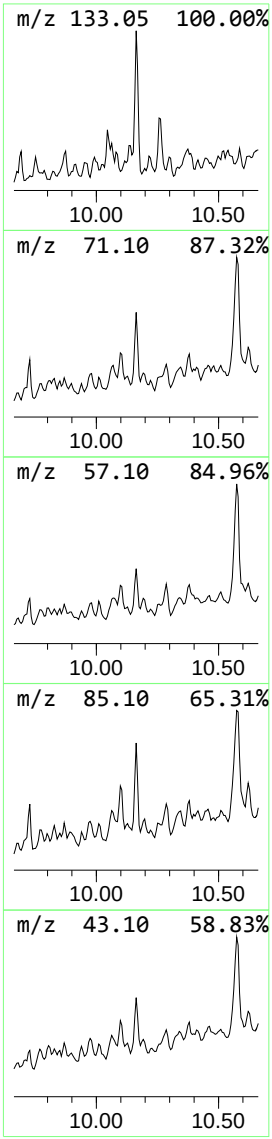
Peak Number 18 unknown10.163 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	8.40 ng	2151660	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	49
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	49
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
4	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	43
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	43





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ClientSampleId : ETGI-330

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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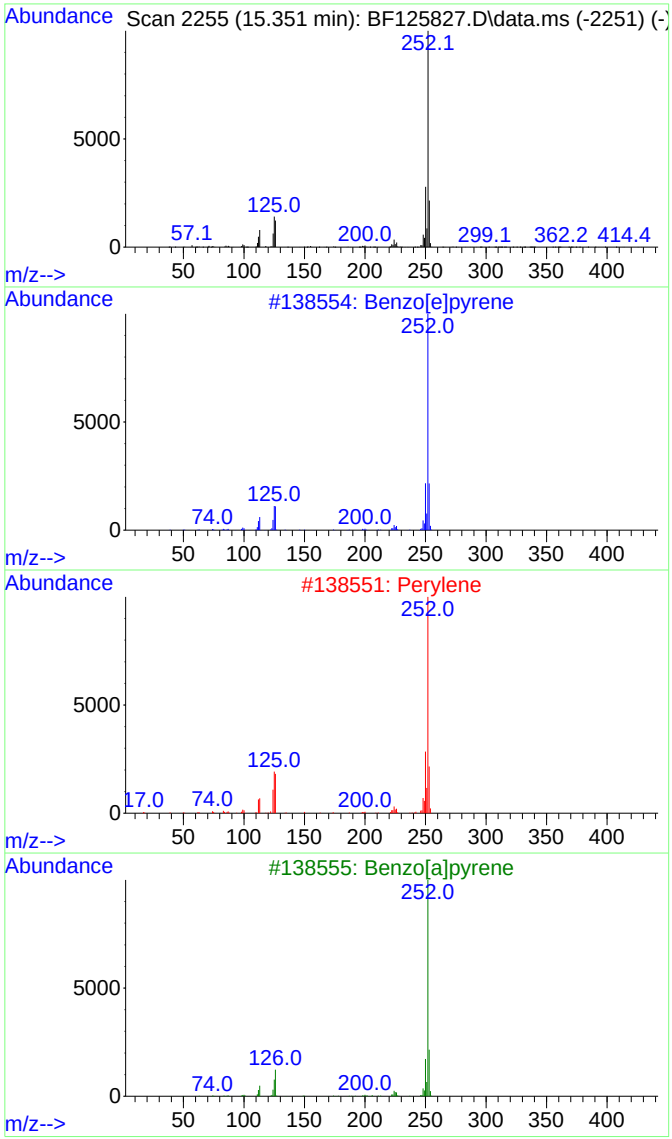
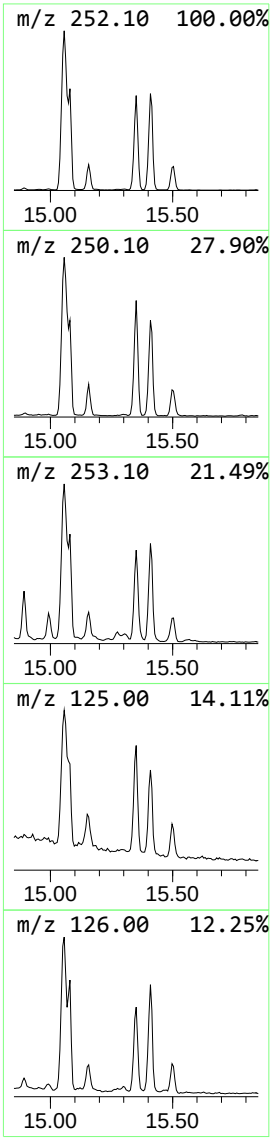
Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	39.73 ng	1660030	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

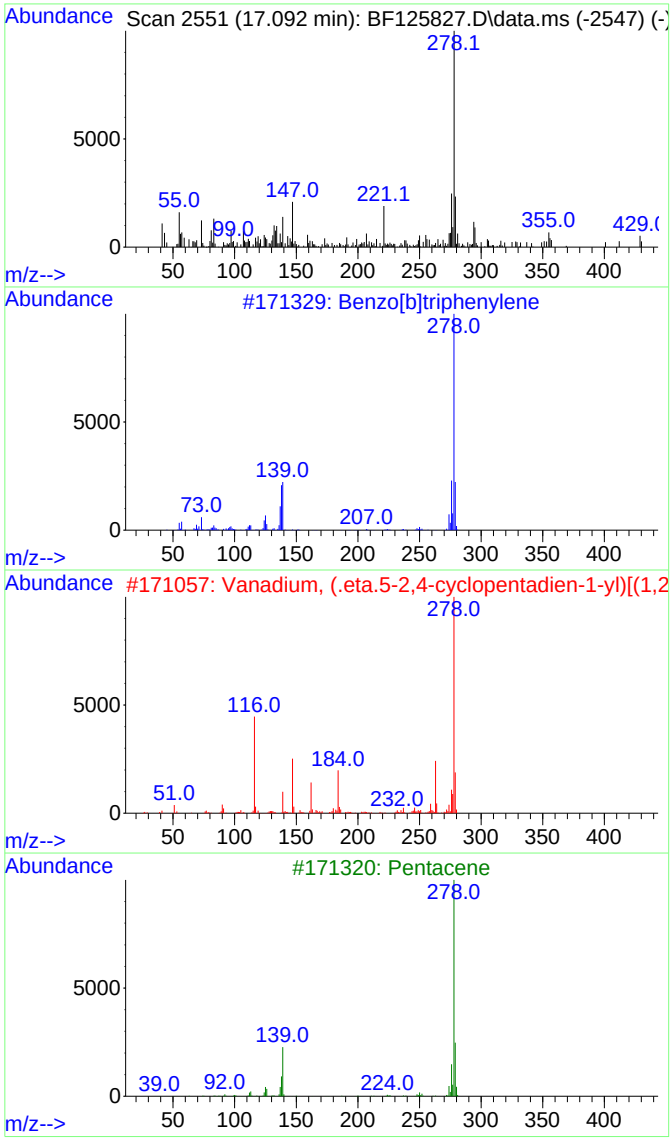
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

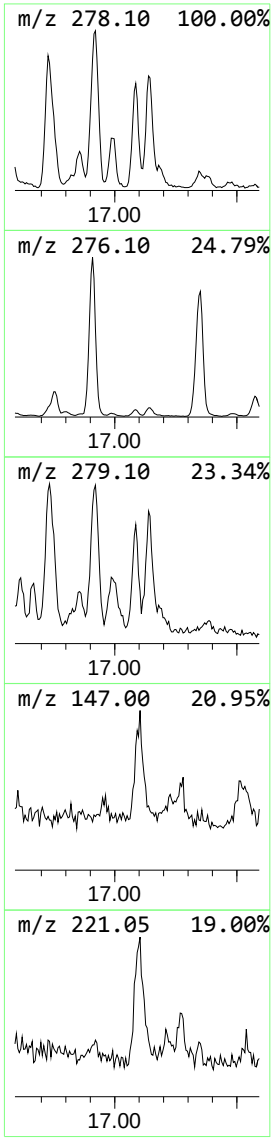
****

Peak Number 20 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.092	5.20 ng	217073	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	78
2	Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	70
3	Pentacene	278	C22H14	000135-48-8	53
4	Picene	278	C22H14	000213-46-7	53
5	Benzo[b]chrysene	278	C22H14	000214-17-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125827.D
Acq On : 13 Oct 2021 15:17
Operator : JU/CG
Sample : M4142-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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
Benzene, 1-meth...	7.498	2.6	ng	221275	2	8.122	1675400	20.0
Ethanol, 2-(2-b...	8.028	10.0	ng	836175	2	8.122	1675400	20.0
unknown8.186	8.186	3.4	ng	281077	2	8.122	1675400	20.0
1,4-Dimethylada...	8.363	4.0	ng	337643	2	8.122	1675400	20.0
unknown8.422	8.422	5.5	ng	462394	2	8.122	1675400	20.0
cis,trans-3-Eth...	8.475	3.2	ng	267138	2	8.122	1675400	20.0
unknown8.516	8.516	5.0	ng	418905	2	8.122	1675400	20.0
Sulfurous acid,...	8.551	4.9	ng	412371	2	8.122	1675400	20.0
unknown8.592	8.592	6.3	ng	529267	2	8.122	1675400	20.0
Naphthalene, 1,...	8.633	4.3	ng	355861	2	8.122	1675400	20.0
unknown8.757	8.757	7.4	ng	620036	2	8.122	1675400	20.0
unknown9.010	9.010	2.7	ng	684156	3	9.892	5121360	20.0
unknown9.127	9.127	3.5	ng	895425	3	9.892	5121360	20.0
Benzene, 1-cycl...	9.522	6.2	ng	1577010	3	9.892	5121360	20.0
Naphthalene, 1,...	9.545	4.0	ng	1016840	3	9.892	5121360	20.0
Naphthalene, 2,...	9.569	7.1	ng	1819830	3	9.892	5121360	20.0
1-(p-Fluorophen...	9.604	14.5	ng	3705590	3	9.892	5121360	20.0
unknown10.163	10.163	8.4	ng	2151660	3	9.892	5121360	20.0
Benzo[e]pyrene	15.351	39.7	ng	1660030	6	15.468	835680	20.0
Benzo[b]triphen...	17.092	5.2	ng	217073	6	15.468	835680	20.0