LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125825.D
Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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: BF125825.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.910	305	310	316	rVB	103606	139620	3.06%	0.230%
2	5.457	566	573	576	rBV	3710129	3720022	81.53%	6.123%
3	6.469	740	745	748	rBV	3596660	3662377	80.27%	6.028%
4	6.845	805	809	812	rBV	1396899	1168945	25.62%	1.924%
5	7.022	836	839	843	rVB	126275	105609	2.31%	0.174%
6	7.404	894	904	907	rBV	2652950	2335755	51.19%	3.844%
7	7.486	914	918	922	rVB	104742	117995	2.59%	0.194%
8	8.028	1006	1010	1015	rBV	786424	685909	15.03%	1.129%
9	8.122	1022	1026	1033	rBV	1843767	1739570	38.13%	2.863%
10	8.422	1069	1077	1080	rBV7	103574	172526	3.78%	0.284%
11	8.510	1088	1092	1096	rBV5	52853	75291	1.65%	0.124%
12	8.592	1104	1106	1109	rVB3	140024	114682	2.51%	0.189%
13	8.675	1115	1120	1124	rBV6	77028	152676	3.35%	0.251%
14	8.757	1129	1134	1135	rBV5	74920	121556	2.66%	0.200%
15	8.816	1140	1144	1146	rVV4	117441	123178	2.70%	0.203%
16	8.875	1151	1154	1157	rBV4	168050	224716	4.93%	0.370%
17	8.969	1168	1170	1174	rVB3	70664	72512	1.59%	0.119%
18	9.004	1174	1176	1177	rBV2	105240	92492	2.03%	0.152%
19	9.086	1184	1190	1193	rBV6	171982	304135	6.67%	0.501%
20	9.122	1193	1196	1198	rVV2	335141	263031	5.76%	0.433%
21	9.151	1198	1201	1204	rBV5	273755	289061	6.34%	0.476%
22	9.198	1205	1209	1212	rBV	4801044	4199384	92.04%	6.912%
23	9.239	1214	1216	1218	rBV2	85920	77042	1.69%	0.127%
24	9.280	1220	1223	1228	rBV4	539781	565364	12.39%	0.931%
25	9.327	1228	1231	1233	rBV4	172822	200612	4.40%	0.330%
26	9.351	1233	1235	1237	rVB2	190169	141270	3.10%	0.233%
27	9.475	1254	1256	1259	rBV4	177142	153943	3.37%	0.253%
28	9.510	1260	1262	1264	rBV3	249340	258434	5.66%	0.425%
29	9.539	1264	1267	1269	rVV3	311806	233239	5.11%	0.384%
30	9.563	1269	1271	1273	rVB2	391513	320605	7.03%	0.528%
31	9.592	1273	1276	1280	rBV2	2862490	3076227	67.42%	5.063%
32	9.751	1299	1303	1305	rBV3	959059	1057162	23.17%	1.740%
33	9.798	1308	1311	1313	rVB	1938184	1744635	38.24%	2.871%
34	9.833	1315	1317	1319	rVV2	287424	194009	4.25%	0.319%
35	9.880	1319	1325	1328	rBV5	2594172	3585578	78.58%	5.901%
36	9.922	1328	1332	1335	rVV5	470361	766154	16.79%	1.261%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125825.D
Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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	9.992	1341	1344	1347	rBV4	458528	499514	10.95%	0.822%
38	10.022	1347	1349	1351	rBV	565103	557798	12.23%	0.918%
39	10.080	1357	1359	1361	rVB2	567731	414577	9.09%	0.682%
40	10.145	1367	1370	1372	rBV2	1159114	1154488	25.30%	1.900%
41	10.198	1376	1379	1381	rBV4	828975	1017115	22.29%	1.674%
42	10.222	1381	1383	1385	rVB3	652637	465976	10.21%	0.767%
43	10.257	1386	1389	1391	rBV2	772361	816319	17.89%	1.344%
44	10.292	1391	1395	1399	rBV2	1883175	2106120	46.16%	3.466%
45	10.345	1402	1404	1406	rBV2	525118	511600	11.21%	0.842%
46	10.422	1415	1417	1419	rBV2	670220	750682	16.45%	1.236%
47	10.539	1435	1437	1441	rVB	1318797	1224571	26.84%	2.016%
48	10.669	1455	1459	1462	rBV3	1763251	2157370	47.28%	3.551%
49	10.810	1478	1483	1486	rBV2	3382119	4562744	100.00%	7.510%
50	11.274	1560	1562	1566	rVB	1991738	1904199	41.73%	3.134%
51	11.369	1576	1578	1580	rBV	879904	810707	17.77%	1.334%
52	12.580	1782	1784	1790	rVB	1331694	1238447	27.14%	2.038%
53	12.810	1821	1823	1830	rVB	961572	872854	19.13%	1.437%
54	12.951	1843	1847	1850	rBV	2938650	2535052	55.56%	4.172%
55	13.998	2020	2025	2028	rBV2	1451711	1724173	37.79%	2.838%
56	14.021	2028	2029	2035	rVB	571358	482732	10.58%	0.795%
57	14.762	2152	2155	2159	rVB	174598	188998	4.14%	0.311%
58	15.027	2196	2200	2210	rVB	377564	703351	15.42%	1.158%
59	15.327	2247	2251	2256	rVB	206659	270488	5.93%	0.445%
60	15.386	2258	2261	2265	rVB	233342	232571	5.10%	0.383%
61	15.451	2268	2272	2276	rBV	849834	1005055	22.03%	1.654%
62	16.892	2512	2517	2524	rVB2	82087	168181	3.69%	0.277%
63	17.327	2587	2591	2598	rVB	71044	126293	2.77%	0.208%

Sum of corrected areas: 60757291

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125825.D
Acq On : 13 Oct 2021 14:14
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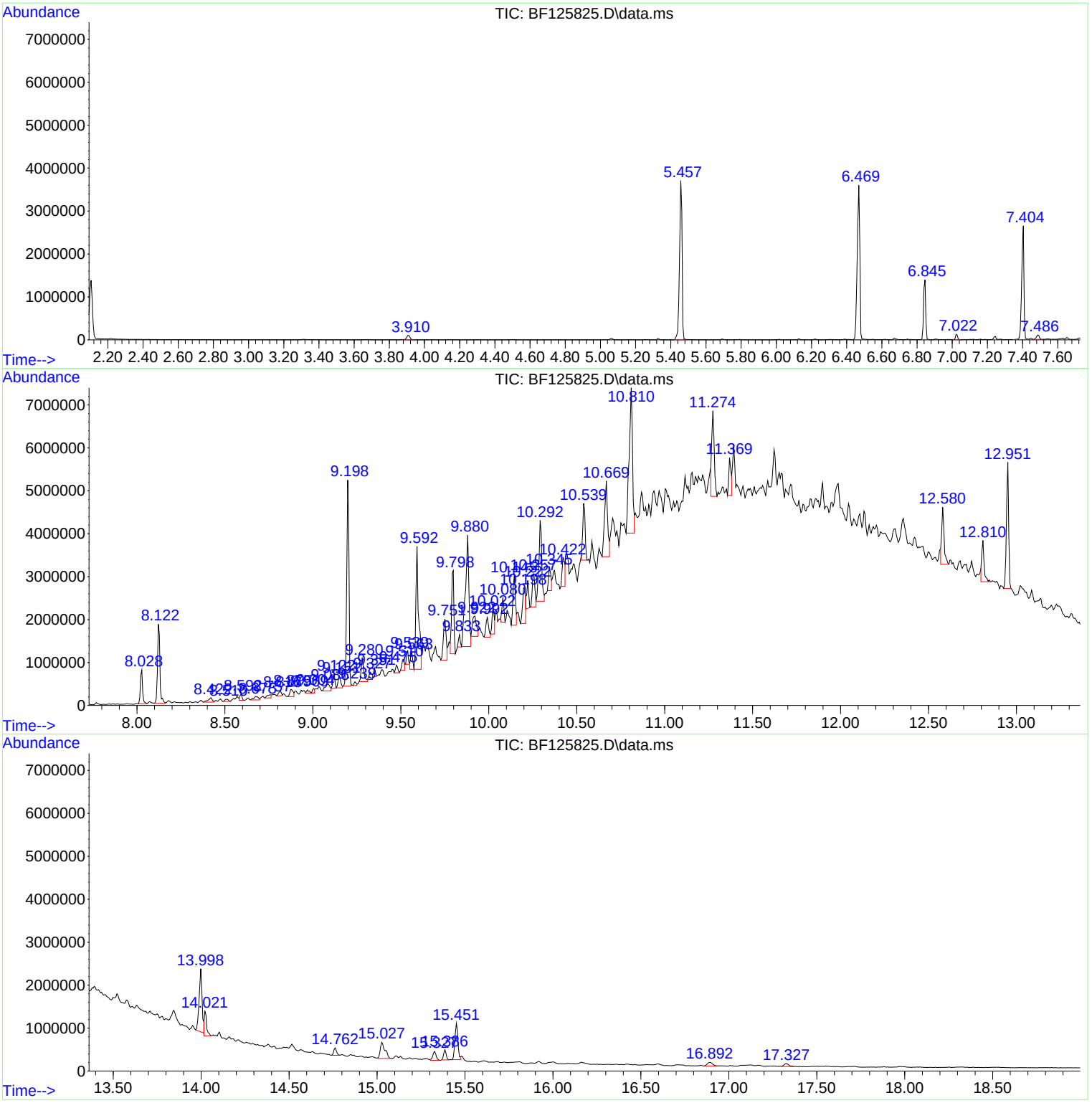
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-20426

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 : BF125825.D
Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

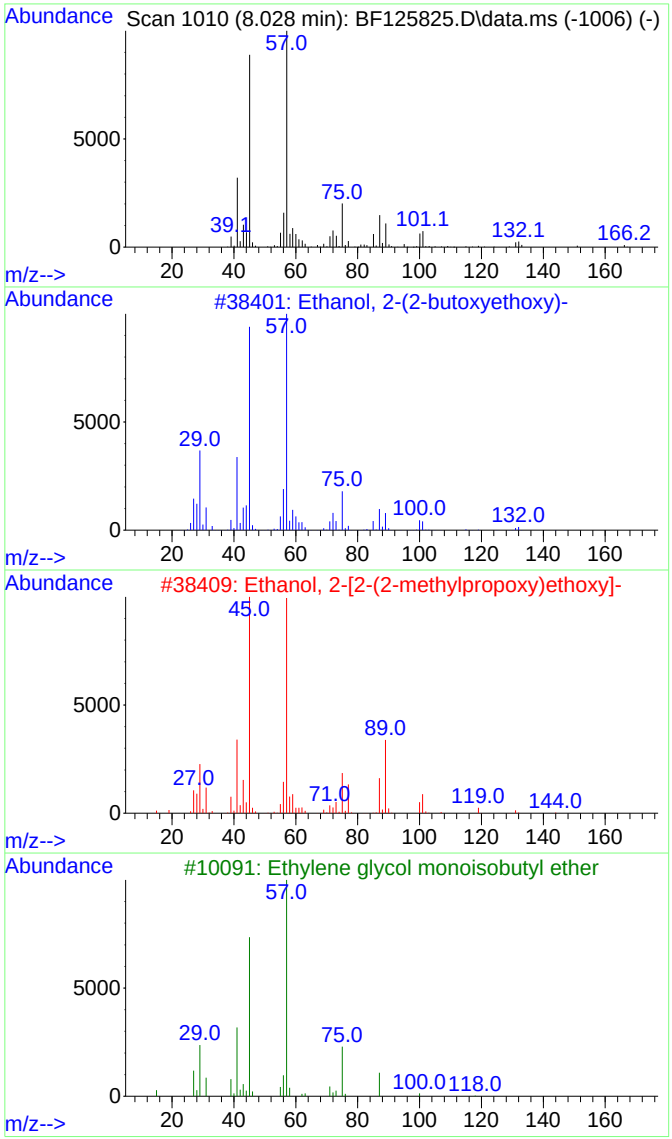
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

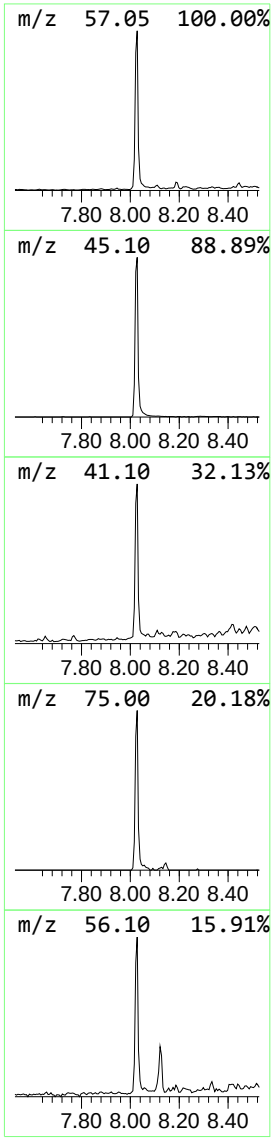
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.028	7.89 ng	685909	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	58
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125825.D
Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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

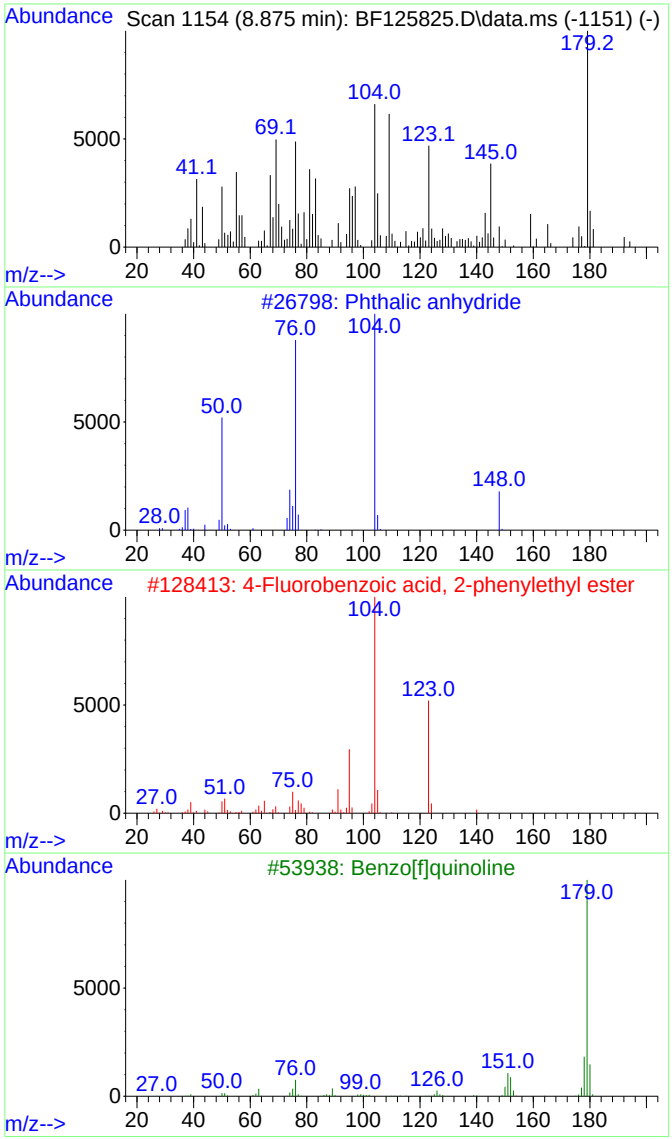
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

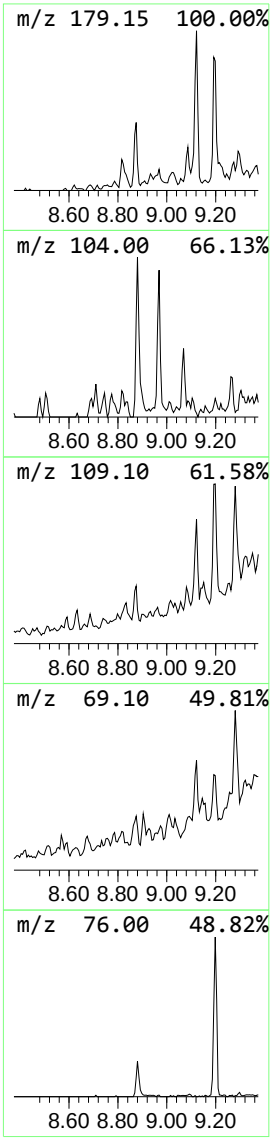
****

Peak Number 3 unknown8.875 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.875	2.58 ng	224716	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	15
2	4-Fluorobenzoic acid, 2-phenylet...	244	C15H13FO2	090172-19-3	14
3	Benzo[f]quinoline	179	C13H9N	000085-02-9	11
4	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	11
5	Ninhydrin	178	C9H6O4	000485-47-2	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125825.D
Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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

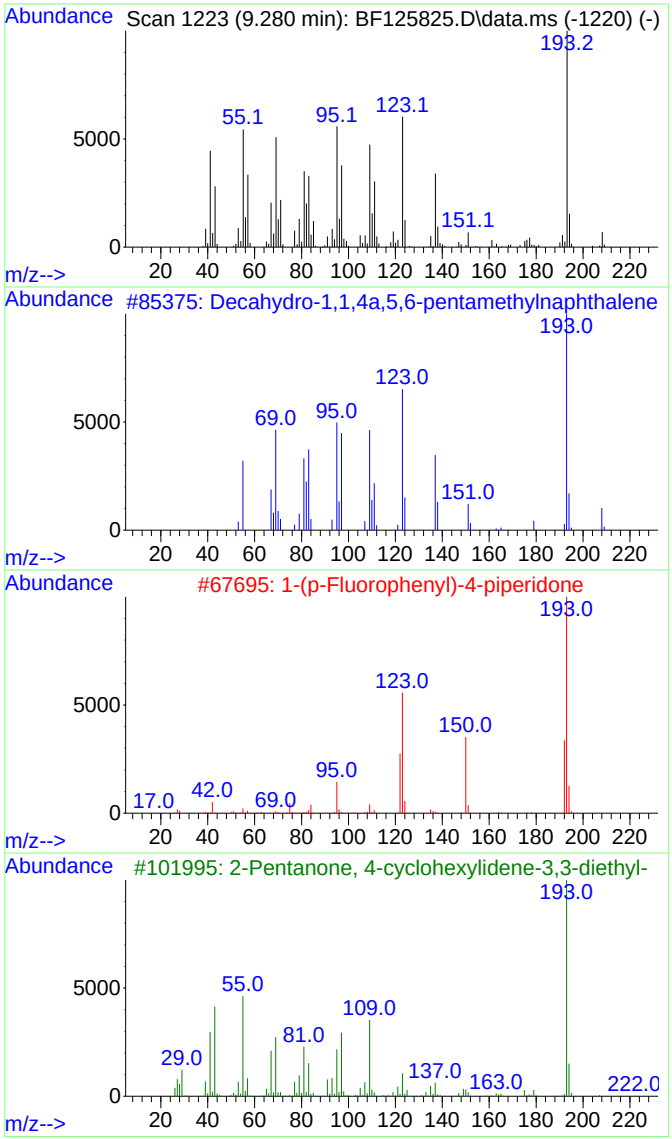
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

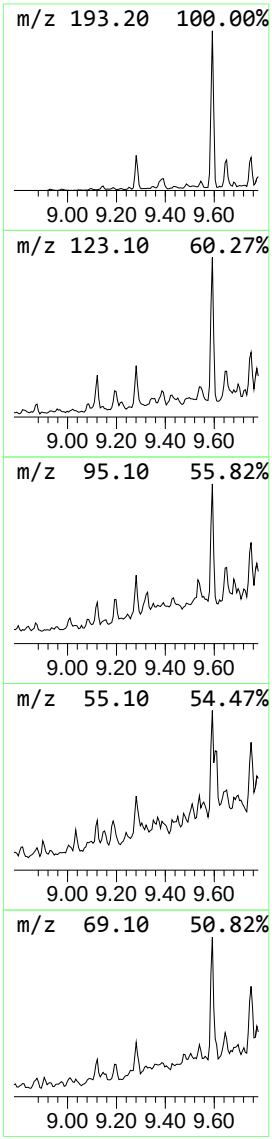
****

Peak Number 4 unknown9.280 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.280	3.15 ng	565364	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	49
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
4	Toxoflavin	193	C7H7N5O2	000084-82-2	30
5	Cyclopentene, 1-isopropyl-2,3-di...	138	C10H18	007712-73-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125825.D
Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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

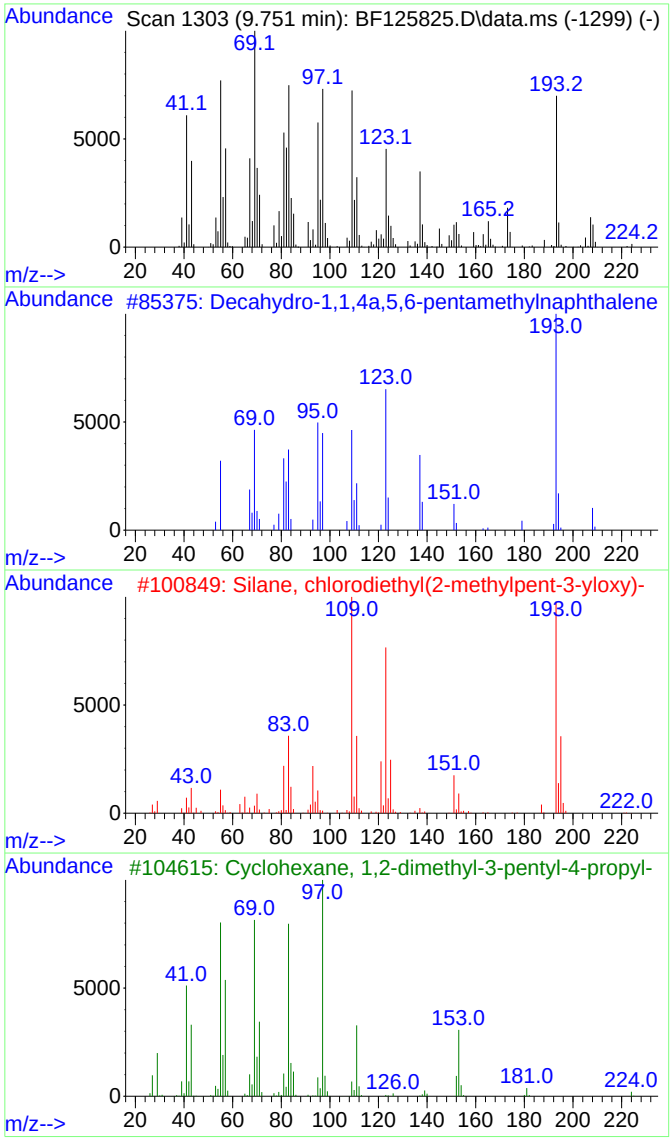
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

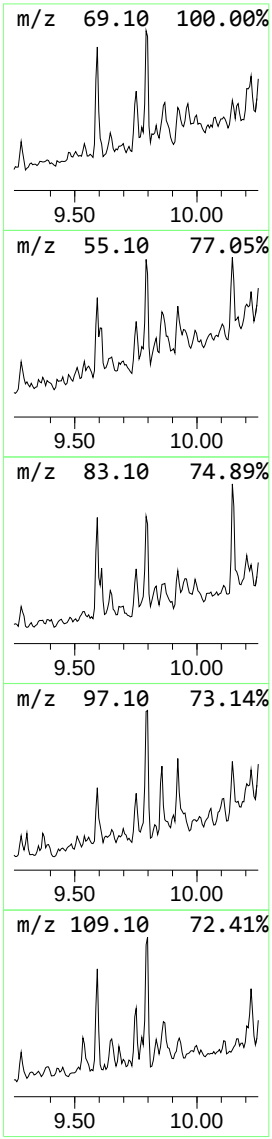
****

Peak Number 5 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	5.90 ng	1057160	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	93
2	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	50
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	42
4	Neopentylidenecyclohexane	152	C11H20	039546-80-0	38
5	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125825.D
Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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

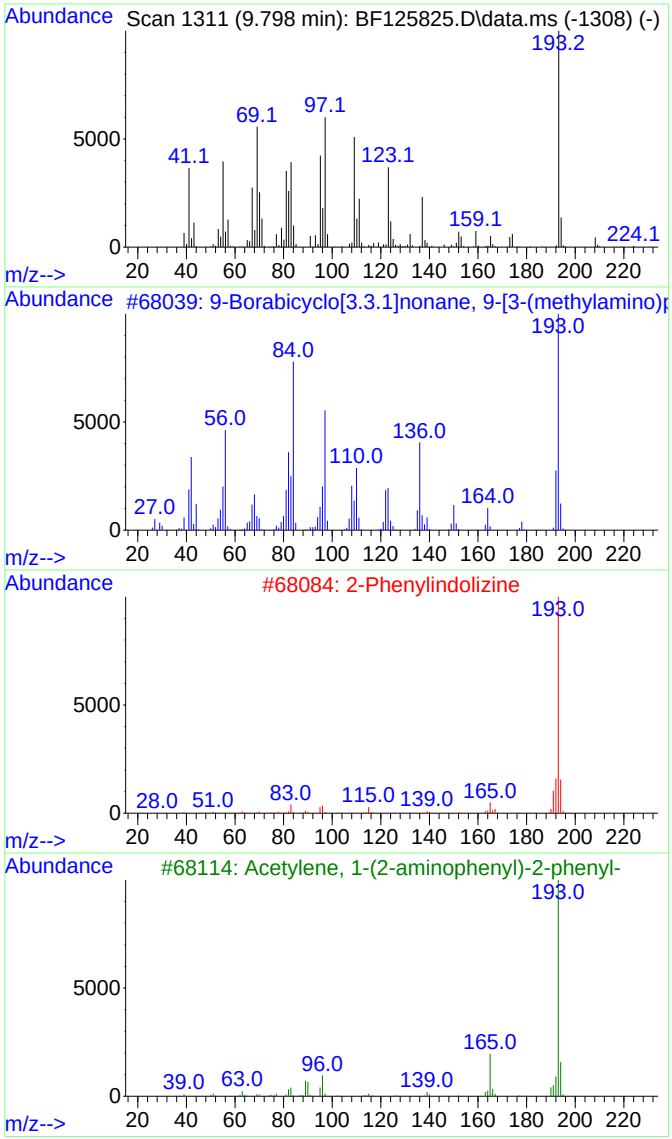
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

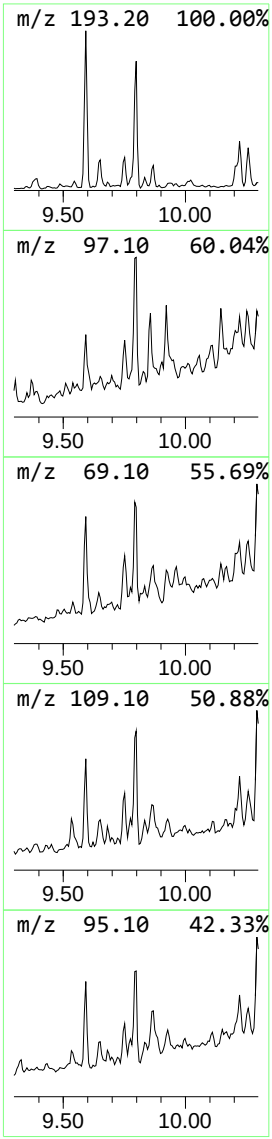
****

Peak Number 6 unknown9.798 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	9.73 ng	1744640	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1010162-56-0	38
2	2-Phenylindolizine	193	C14H11N	025379-20-8	35
3	Acetylene, 1-(2-aminophenyl)-2-p...	193	C14H11N	1000380-73-4	18
4	2-((Trimethylsilyl)thio)nicotino...	208	C9H12N2SSi	1000474-02-5	14
5	9-Vinylcarbazole	193	C14H11N	001484-13-5	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125825.D
Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-20426

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

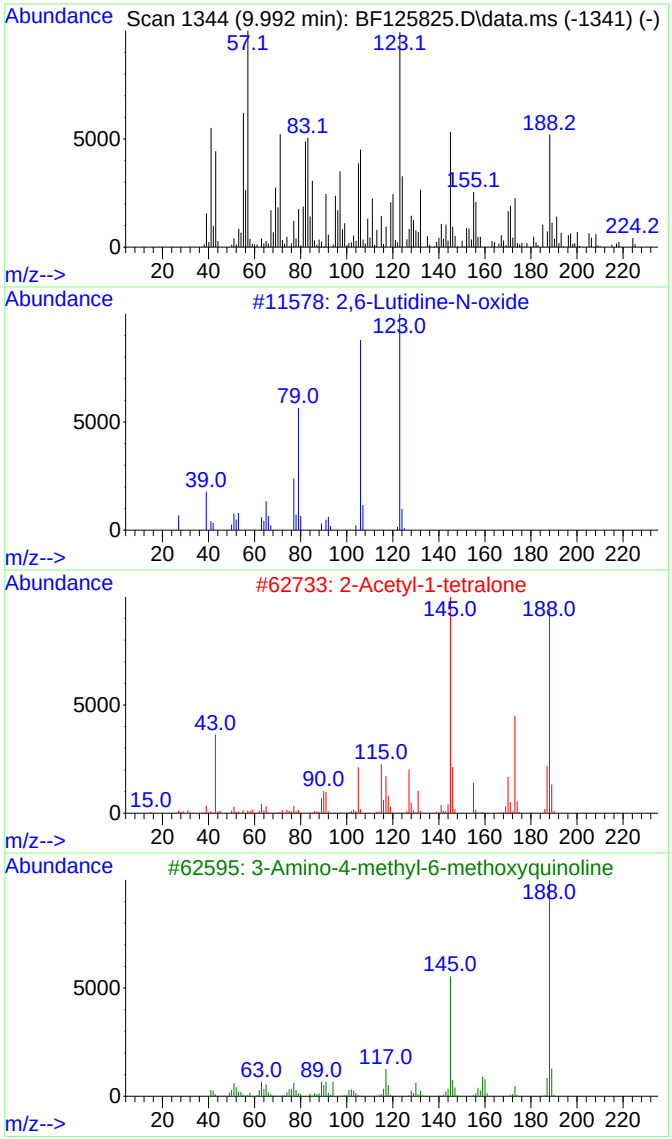
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

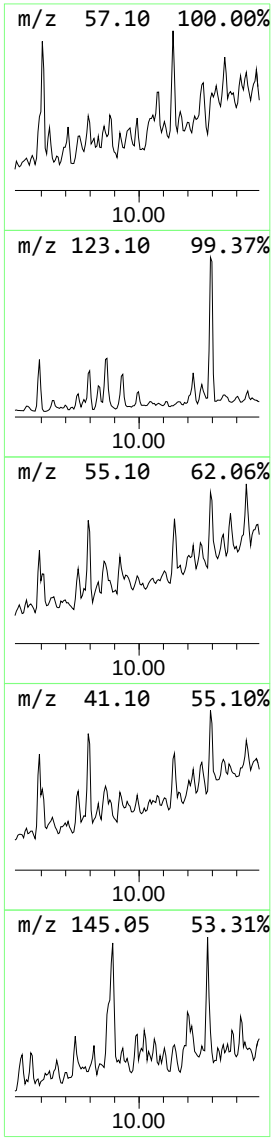
****

Peak Number 7 unknown9.992 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	2.79 ng	499514	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Lutidine-N-oxide	123	C7H9NO	001073-23-0	25
2	2-Acetyl-1-tetralone	188	C12H12O2	017216-08-9	22
3	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	070945-24-3	15
4	Naphthalene, 2,3-dimethoxy-	188	C12H12O2	010103-06-7	14
5	1,4-Dimethyl-2-cyclohexylbenzene	188	C14H20	004501-52-4	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125825.D
Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

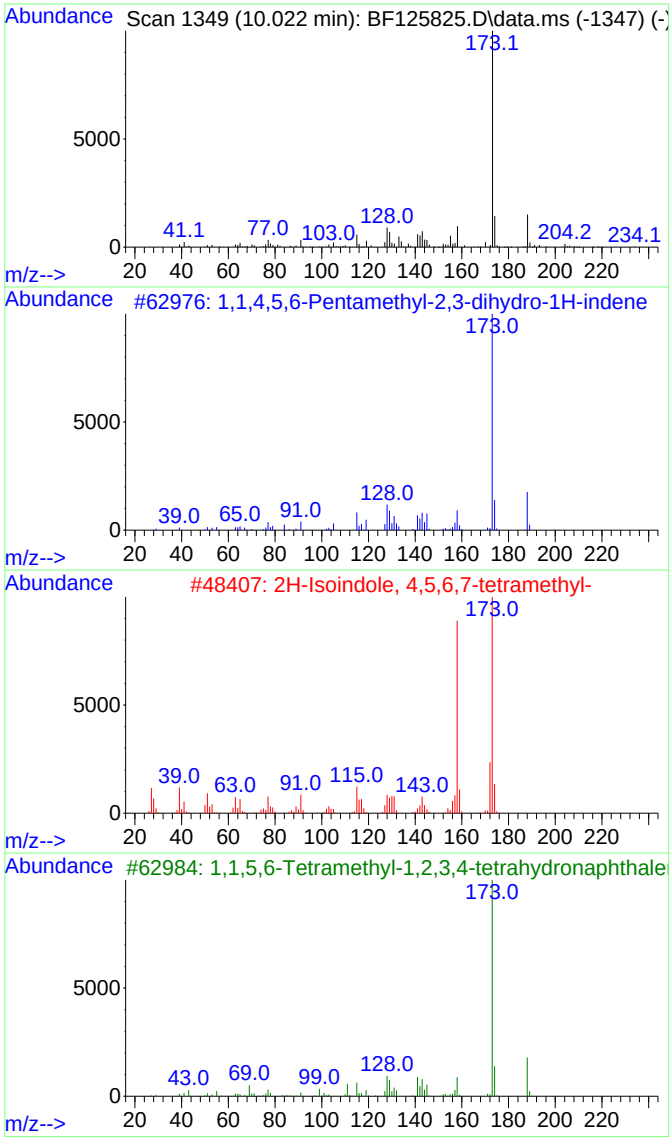
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

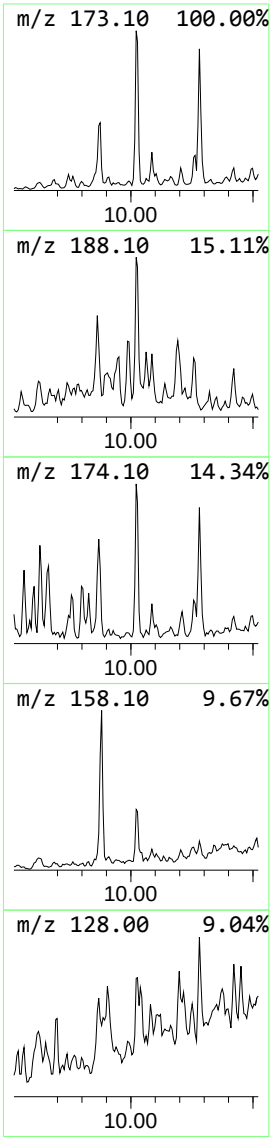
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1,4,5,6-Pentamethyl-2,3-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	3.11 ng	557798	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4,5,6-Pentamethyl-2,3-dihydr...	188	C14H20	016204-67-4	94
2	2H-Isoindole, 4,5,6,7-tetramethyl-	173	C12H15N	070187-61-0	72
3	1,1,5,6-Tetramethyl-1,2,3,4-tetr...	188	C14H20	031197-54-3	64
4	2-Thioxo-imidazolidin-4-one-5-ac...	173	C5H7N3O2S	1010146-03-1	53
5	3'-(Trifluoromethyl)acetophenone	188	C9H7F3O	000349-76-8	53





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Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-20426

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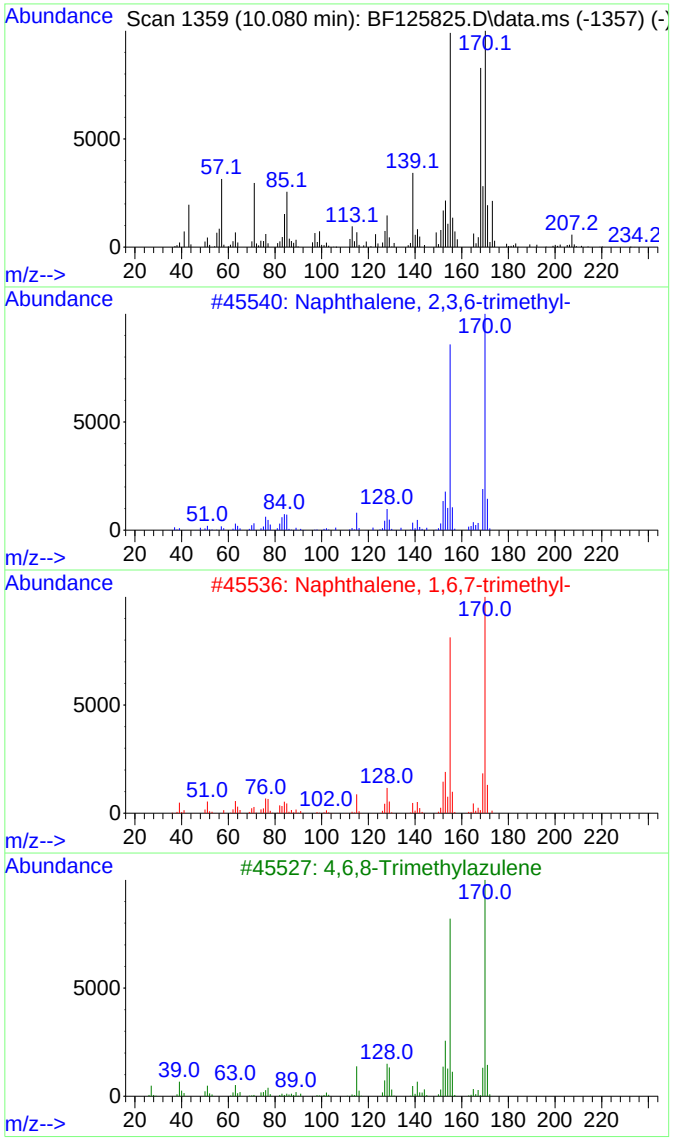
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

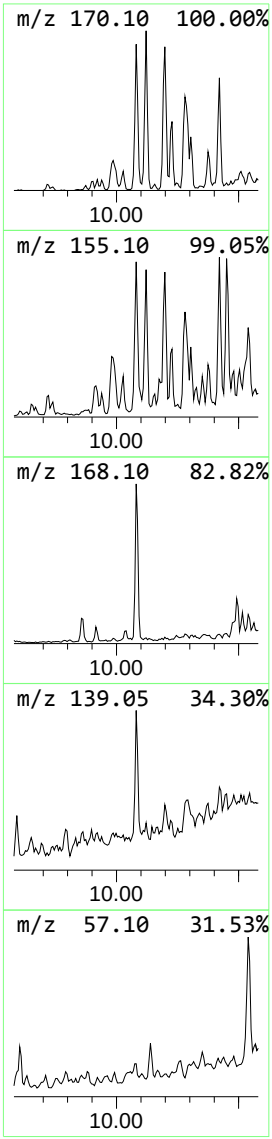
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.080	2.31 ng	414577	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	55
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55





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Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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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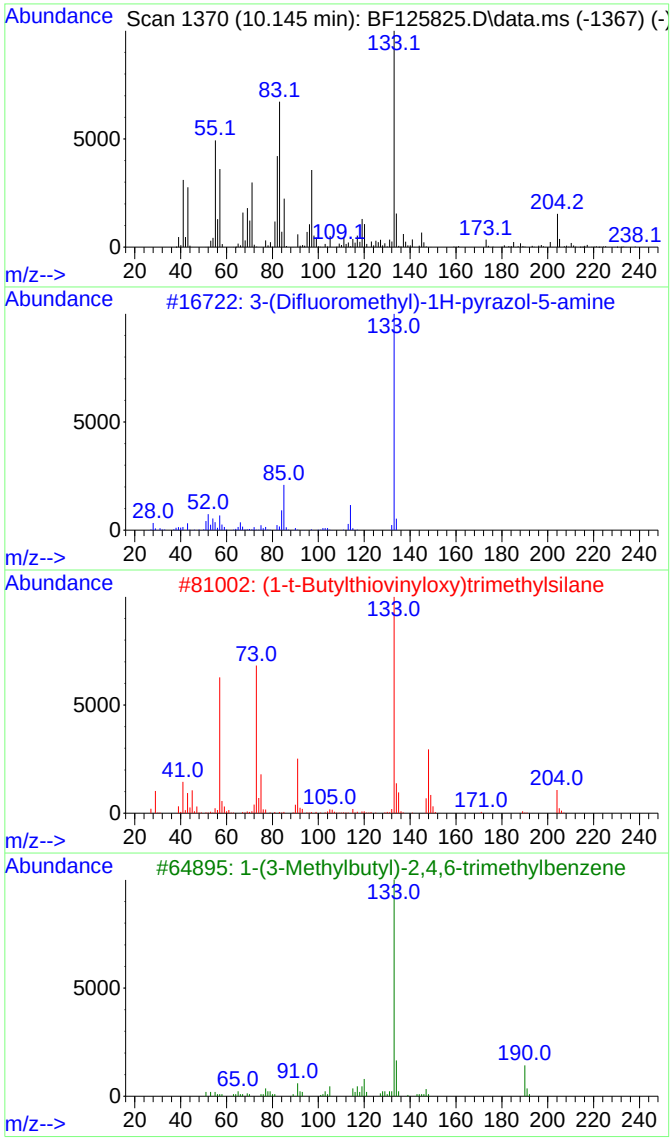
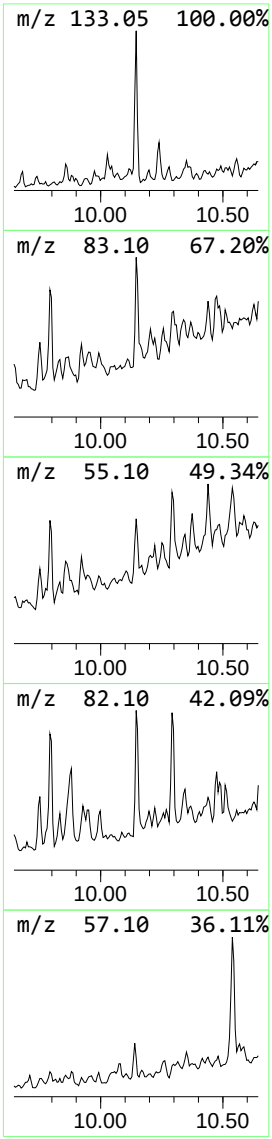
Peak Number 10 unknown10.145 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.145	6.44 ng	1154490	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Difluoromethyl)-1H-pyrazol-5-...	133	C4H5F2N3	1284220-49-0	30
2	(1-t-Butylthiovinyloxy)trimethyl...	204	C9H20OSSi	063584-47-4	27
3	1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	27
4	Succinic acid, 2-methylpent-3-yl...	284	C16H28O4	1000391-11-2	27
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	25





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-20426

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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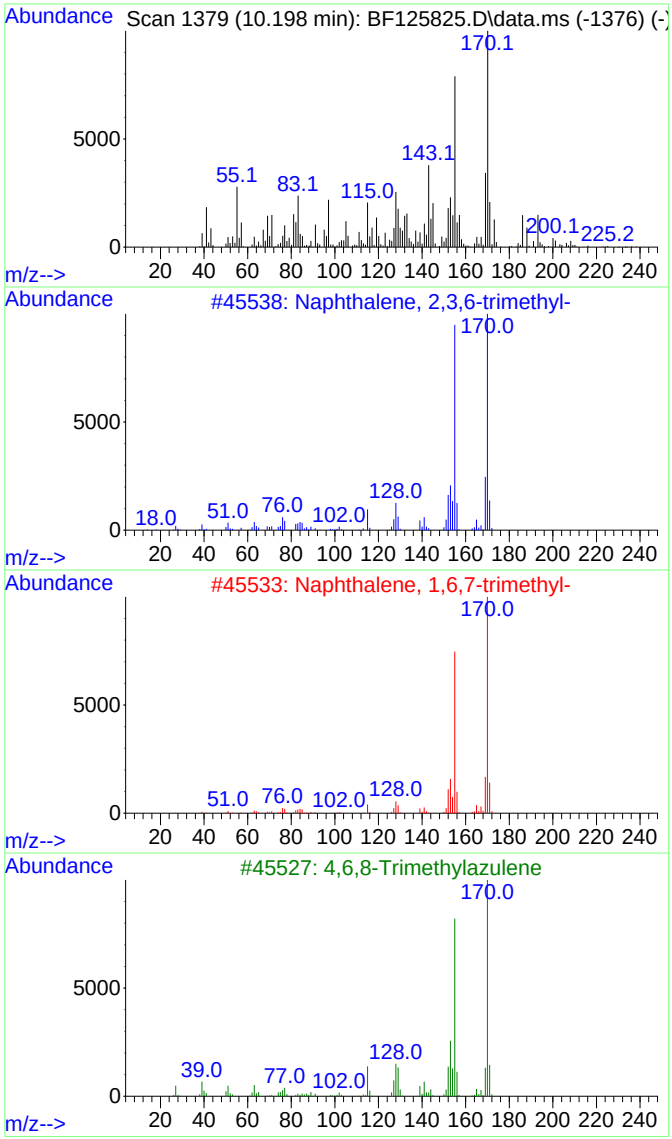
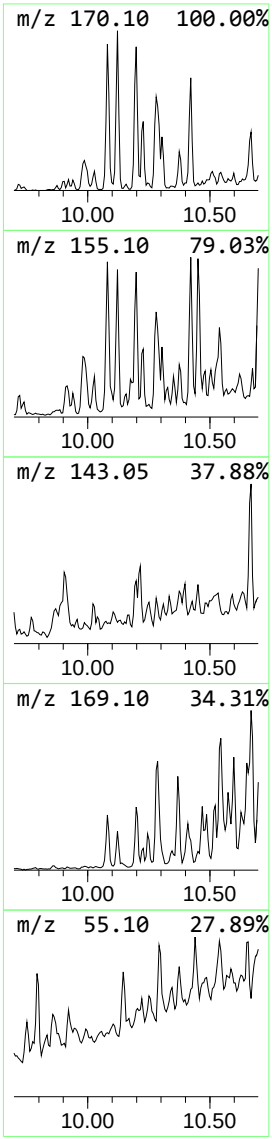
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	5.67 ng	1017120	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70





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Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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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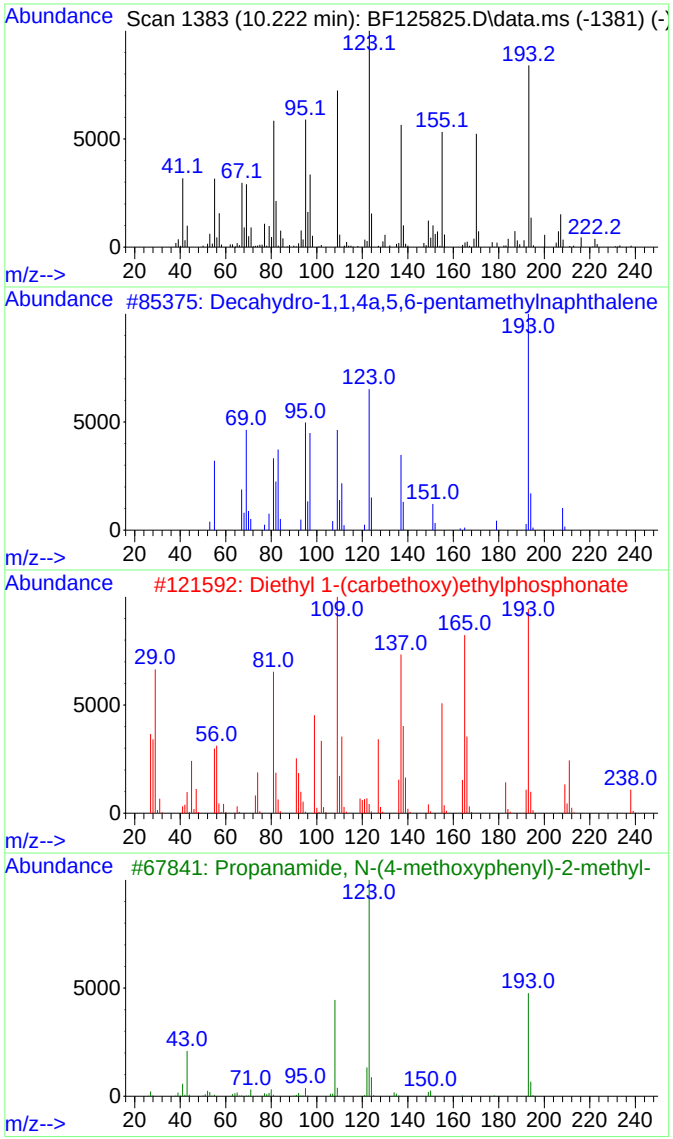
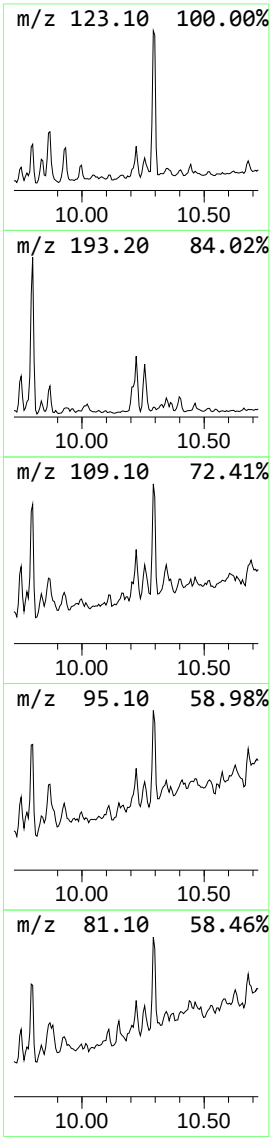
Peak Number 12 unknown10.222 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.222	2.60 ng	465976	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	70
2	Diethyl 1-(carbethoxy)ethylphosp...	238	C9H19O5P	1000306-25-7	30
3	Propanamide, N-(4-methoxyphenyl)...	193	C11H15NO2	1000307-32-2	27
4	Diallyldivinylsilane	164	C10H16Si	119901-88-1	22
5	1,4-Benzenedithiol, S,S'-dimethyl-	170	C8H10S2	1000353-07-2	15





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-20426

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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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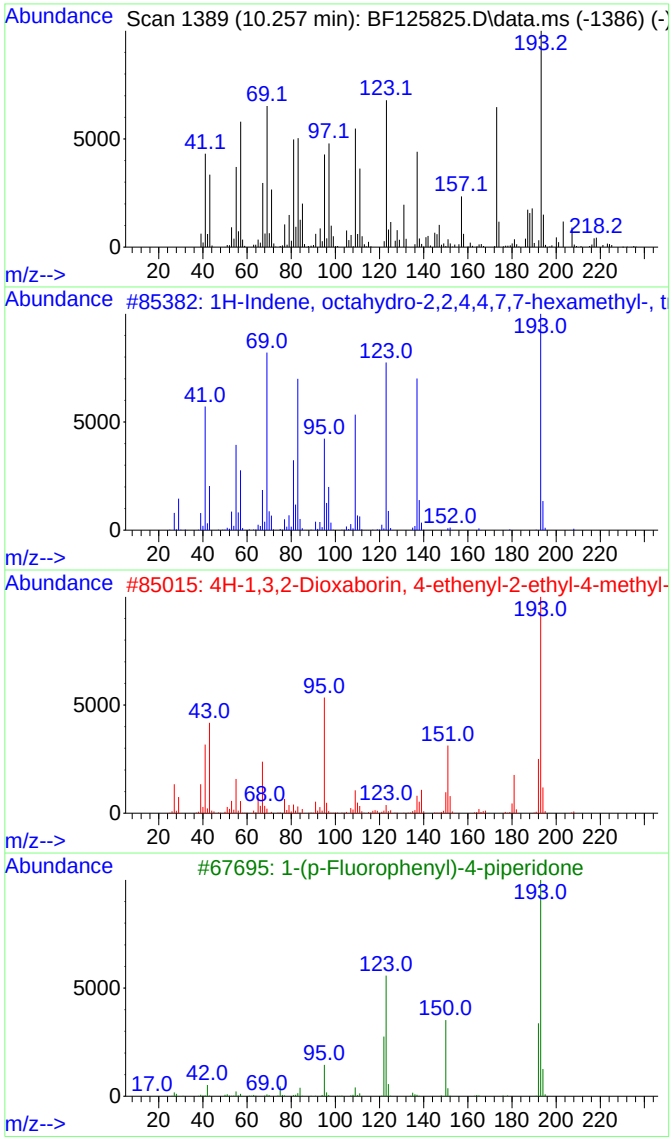
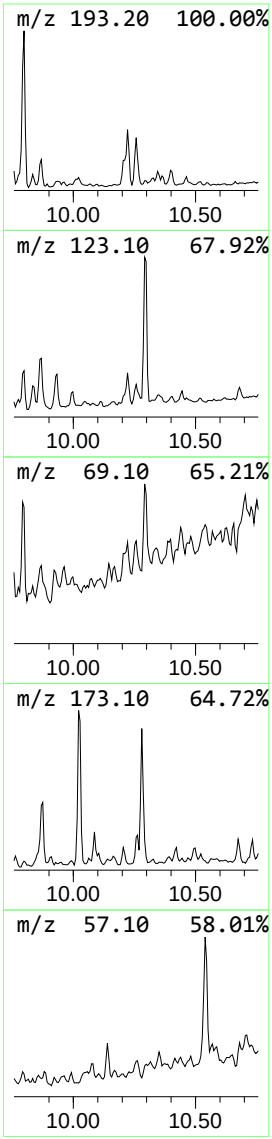
Peak Number 13 unknown10.257 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	4.55 ng	816319	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	49
2	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	30
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	30
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	25
5	Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	15





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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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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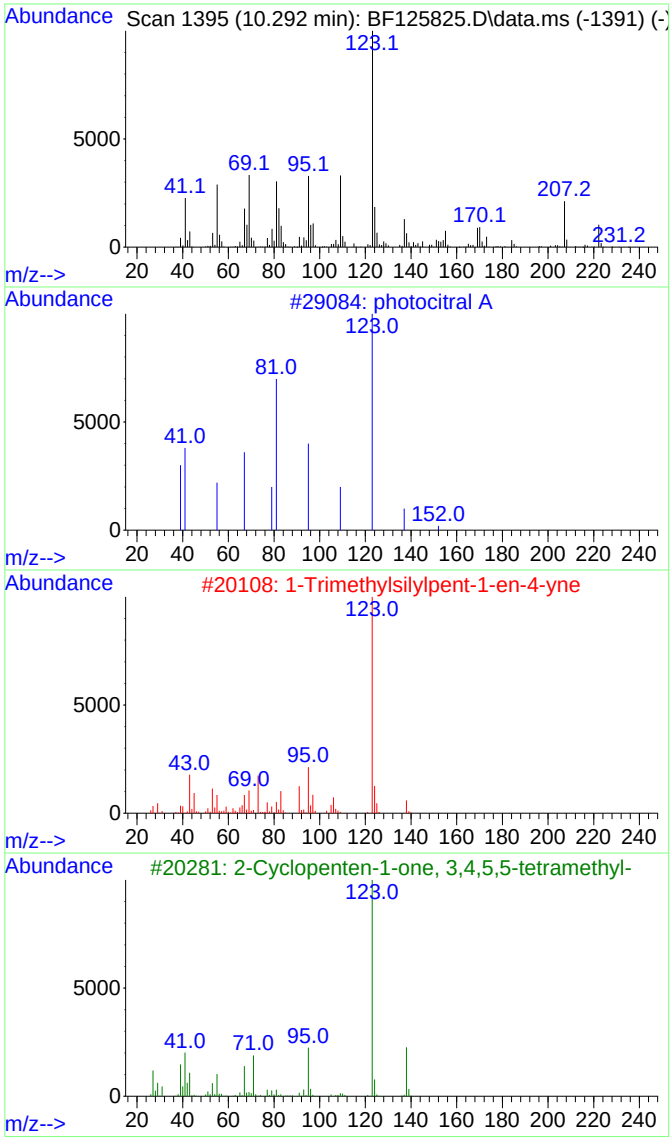
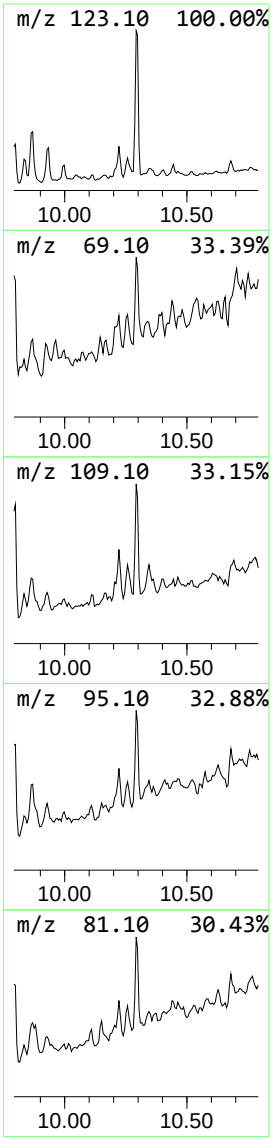
Peak Number 14 unknown10.292 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	11.75 ng	2106120	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	photocitral A	152	C10H16O	055253-28-6	47
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	47
3	2-Cyclopenten-1-one, 3,4,5,5-tet...	138	C9H14O	090611-02-2	43
4	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	43
5	2-Fluoro-N-(1,3-thiazol-2-yl)ben...	222	C10H7FN2OS	000319-38-0	43





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Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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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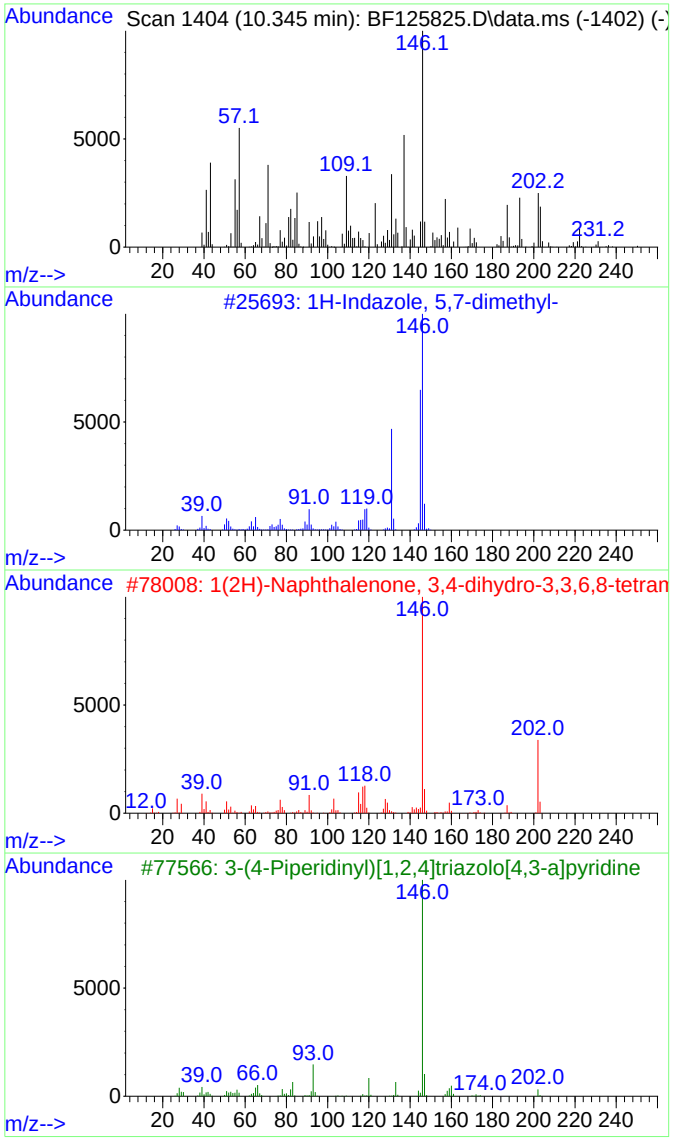
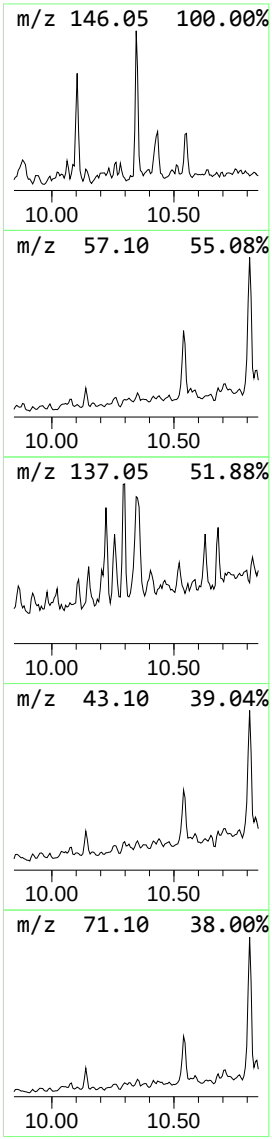
Peak Number 15 unknown10.345 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	2.85 ng	511600	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	25
2	1(2H)-Naphthalenone, 3,4-dihydro...	202	C14H18O	005409-55-2	22
3	3-(4-Piperidinyl)[1,2,4]triazolo...	202	C11H14N4	852627-78-2	22
4	Methyl N-(2-acetylphenyl)carbamate	193	C10H11NO3	1000445-05-3	22
5	Methyl N-(4-acetylphenyl)carbamate	193	C10H11NO3	060677-43-2	22





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Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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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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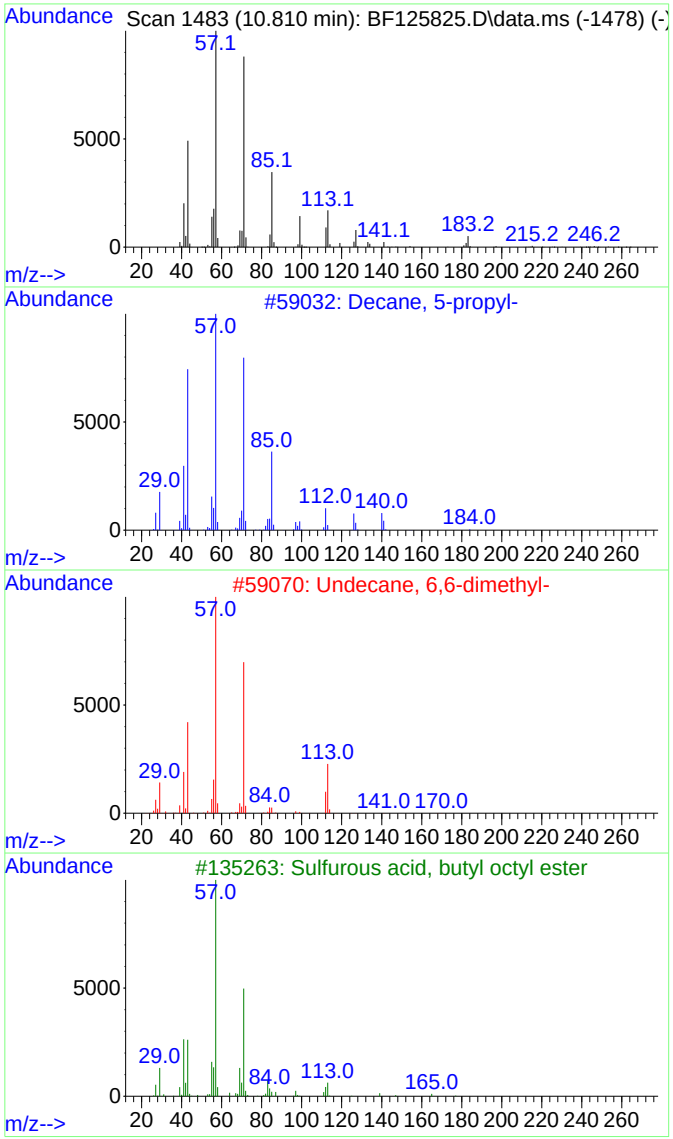
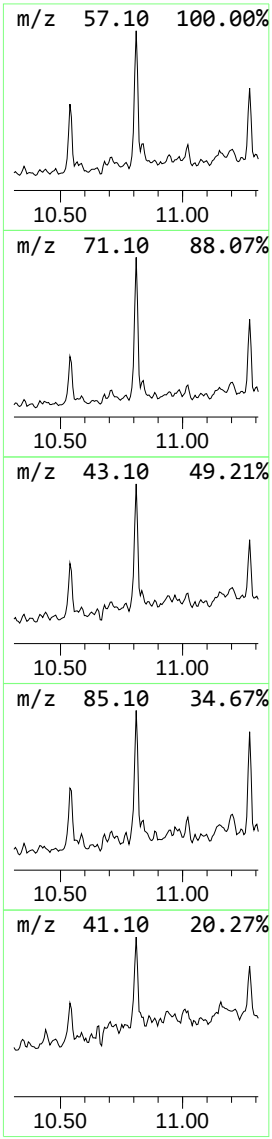
Peak Number 16 Decane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	112.56 ng	4562740	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	80
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
3	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50





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Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-20426

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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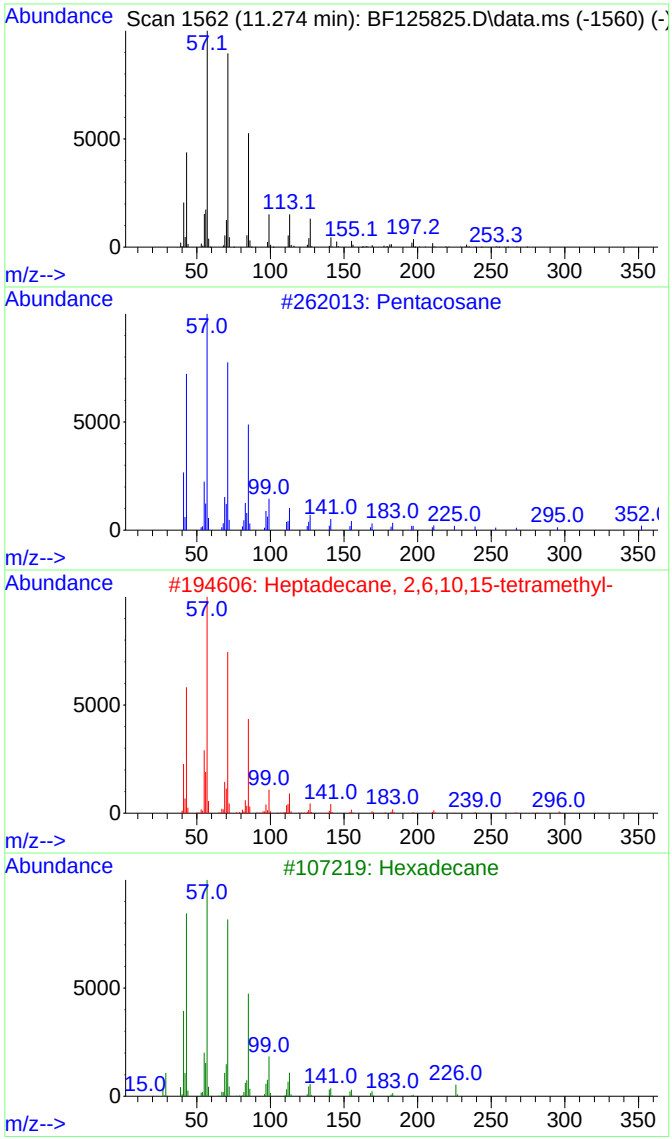
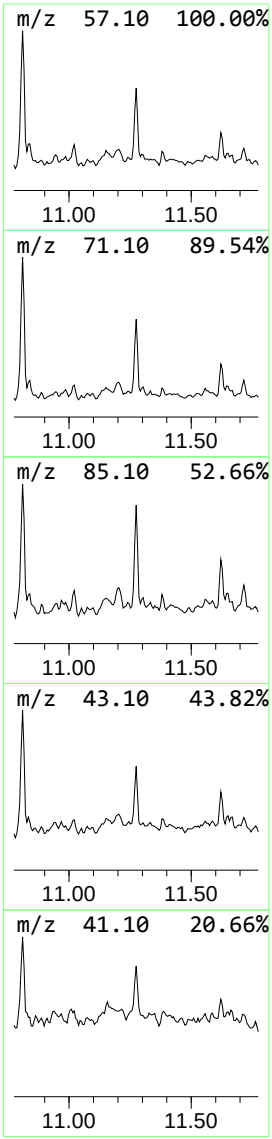
Peak Number 17 Pentacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.274	46.98 ng	1904200	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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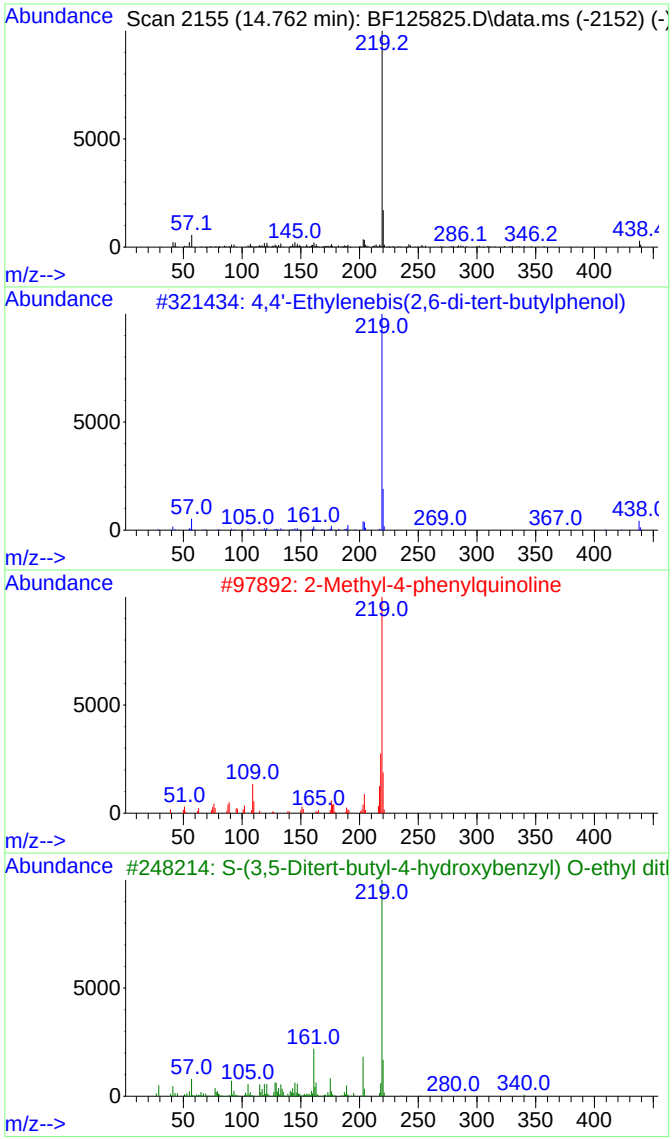
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

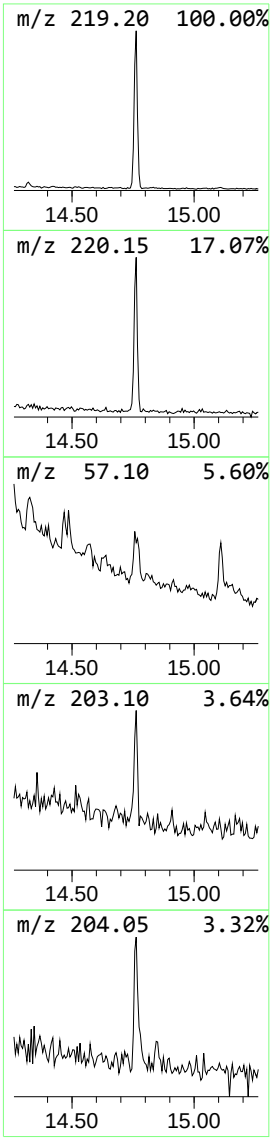
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4,4'-Ethylenebis(2,6-di-ter... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.762	3.76 ng	188998	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Ethylenebis(2,6-di-tert-but...	438	C30H46O2	001516-94-5	91
2	2-Methyl-4-phenylquinoline	219	C16H13N	001721-92-2	72
3	S-(3,5-Ditert-butyl-4-hydroxyben...	340	C18H28O2S2	015367-50-7	64
4	Terephthalic acid, 3-chloropheny...	346	C19H19ClO4	1000323-64-4	64
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	56





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TIC Library : C:\Database\NIST20.L
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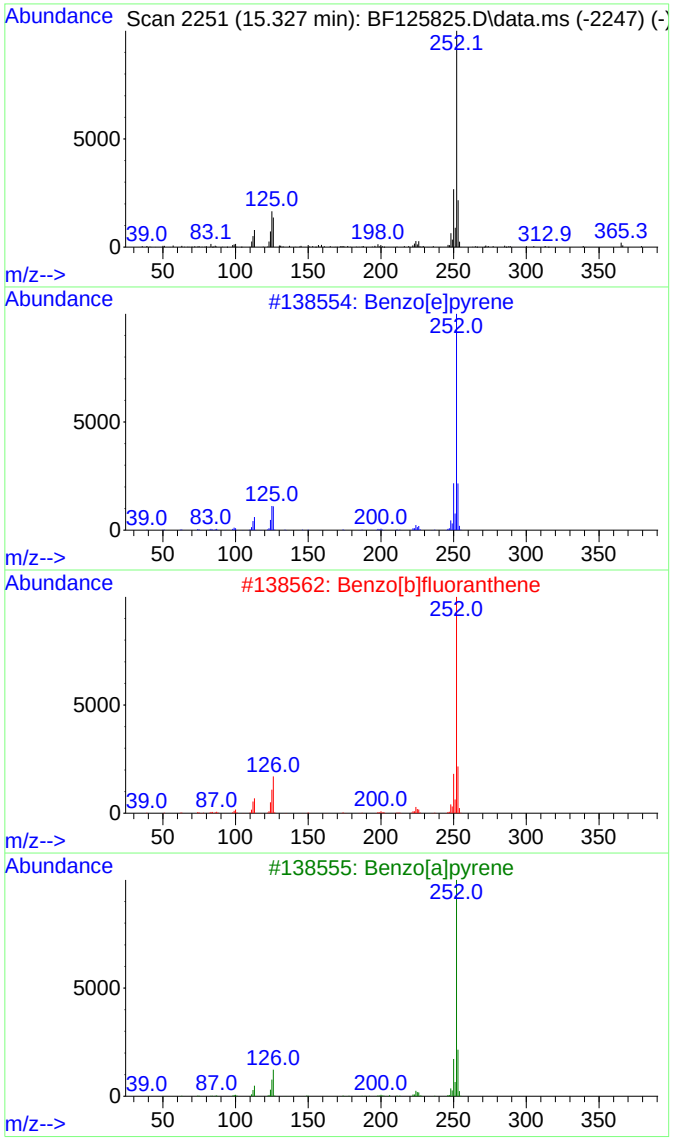
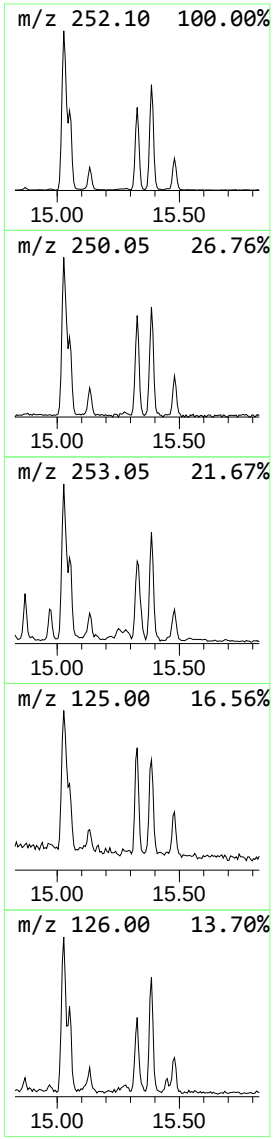
Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	5.38 ng	270488	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125825.D
Acq On : 13 Oct 2021 14:14
Operator : JU/CG
Sample : M4127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-20426

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
Ethanol, 2-(2-b...	8.028	7.9	ng	685909	2	8.122	1739570	20.0
unknown8.875	8.875	2.6	ng	224716	2	8.122	1739570	20.0
unknown9.280	9.280	3.1	ng	565364	3	9.880	3585580	20.0
Decahydro-1,1,4...	9.751	5.9	ng	1057160	3	9.880	3585580	20.0
unknown9.798	9.798	9.7	ng	1744640	3	9.880	3585580	20.0
unknown9.992	9.992	2.8	ng	499514	3	9.880	3585580	20.0
1,1,4,5,6-Penta...	10.022	3.1	ng	557798	3	9.880	3585580	20.0
Naphthalene, 2,...	10.080	2.3	ng	414577	3	9.880	3585580	20.0
unknown10.145	10.145	6.4	ng	1154490	3	9.880	3585580	20.0
Naphthalene, 1,...	10.198	5.7	ng	1017120	3	9.880	3585580	20.0
unknown10.222	10.222	2.6	ng	465976	3	9.880	3585580	20.0
unknown10.257	10.257	4.5	ng	816319	3	9.880	3585580	20.0
unknown10.292	10.292	11.8	ng	2106120	3	9.880	3585580	20.0
unknown10.345	10.345	2.9	ng	511600	3	9.880	3585580	20.0
Decane, 5-propyl-	10.810	112.6	ng	4562740	4	11.368	810707	20.0
Pentacosane	11.274	47.0	ng	1904200	4	11.368	810707	20.0
4,4'-Ethylenebi...	14.762	3.8	ng	188998	6	15.451	1005060	20.0
Benzo[e]pyrene	15.327	5.4	ng	270488	6	15.451	1005060	20.0