LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124400.D
Acq On : 21 Jun 2021 18:54
Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124400.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	491	493	503	rBB2	20990	27054	3.32%	0.342%
2	5.410	561	565	574	rBV	655454	630772	77.39%	7.978%
3	6.428	735	738	751	rBV	721104	613364	75.26%	7.758%
4	6.781	795	798	803	rBB	218404	189676	23.27%	2.399%
5	7.351	891	895	898	rBV	500137	430891	52.87%	5.450%
6	7.381	898	900	907	rVB2	13829	12506	1.53%	0.158%
7	7.975	998	1001	1008	rBV2	39780	46994	5.77%	0.594%
8	8.069	1011	1017	1020	rVV	261362	244548	30.00%	3.093%
9	9.145	1196	1200	1203	rBV	1049577	815037	100.00%	10.309%
10	9.822	1311	1315	1318	rBV	337336	254590	31.24%	3.220%
11	9.857	1318	1321	1325	rVB	30411	26333	3.23%	0.333%
12	10.028	1347	1350	1354	rBB2	15393	13093	1.61%	0.166%
13	10.228	1381	1384	1387	rBV	34777	25813	3.17%	0.326%
14	10.333	1399	1402	1405	rBB	13218	9971	1.22%	0.126%
15	10.375	1405	1409	1413	rBB	19904	19130	2.35%	0.242%
16	10.616	1446	1450	1459	rBV	459627	420216	51.56%	5.315%
17	11.122	1532	1536	1540	rVB	22685	16976	2.08%	0.215%
18	11.310	1564	1568	1570	rBV	266729	224565	27.55%	2.840%
19	11.333	1570	1572	1576	rVV	312969	242932	29.81%	3.073%
20	11.386	1576	1581	1585	rVB	58161	51436	6.31%	0.651%
21	11.545	1601	1608	1614	rBV2	19907	26984	3.31%	0.341%
22	11.810	1650	1653	1656	rBV	25935	24064	2.95%	0.304%
23	11.845	1656	1659	1662	rVB	42581	40418	4.96%	0.511%
24	11.886	1662	1666	1669	rBV	13511	13909	1.71%	0.176%
25	11.927	1669	1673	1675	rBV	34516	39721	4.87%	0.502%
26	12.110	1701	1704	1707	rBV	13600	12408	1.52%	0.157%
27	12.139	1707	1709	1713	rVB	18754	17057	2.09%	0.216%
28	12.363	1744	1747	1750	rBV3	15981	14504	1.78%	0.183%
29	12.457	1759	1763	1765	rBV2	15371	14580	1.79%	0.184%
30	12.480	1765	1767	1771	rVB	113593	100375	12.32%	1.270%
31	12.527	1771	1775	1780	rBV	269426	222440	27.29%	2.813%
32	12.757	1807	1814	1817	rBV	182313	196840	24.15%	2.490%
33	12.810	1819	1823	1828	rVB4	12072	13629	1.67%	0.172%
34	12.898	1834	1838	1841	rVB	718245	596643	73.20%	7.546%
35	12.969	1846	1850	1855	rBV5	12505	23925	2.94%	0.303%
36	13.010	1855	1857	1860	rVB2	19708	15452	1.90%	0.195%

LSC Area Percent Report

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Acq On : 21 Jun 2021 18:54
Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.063	1860	1866	1867	rBV5	12362	12501	1.53%	0.158%
38	13.086	1867	1870	1872	rVB2	21098	21831	2.68%	0.276%
39	13.186	1884	1887	1890	rBV2	20486	22222	2.73%	0.281%
40	13.286	1900	1904	1906	rBV2	10822	10097	1.24%	0.128%
41	13.316	1906	1909	1913	rBV4	9790	11847	1.45%	0.150%
42	13.598	1954	1957	1960	rBV	34162	28230	3.46%	0.357%
43	13.704	1971	1975	1978	rBV	27939	26246	3.22%	0.332%
44	13.810	1990	1993	1997	rVB	32569	28772	3.53%	0.364%
45	13.880	1997	2005	2009	rBV6	14398	27646	3.39%	0.350%
46	13.957	2009	2018	2021	rBV2	267026	348408	42.75%	4.407%
47	13.980	2021	2022	2025	rVB	91206	64423	7.90%	0.815%
48	14.063	2034	2036	2038	rVB2	15911	11441	1.40%	0.145%
49	14.121	2041	2046	2048	rBV5	11125	13007	1.60%	0.165%
50	14.151	2048	2051	2053	rBV4	11624	13932	1.71%	0.176%
51	14.192	2053	2058	2060	rVV4	30014	37183	4.56%	0.470%
52	14.221	2060	2063	2066	rVB3	26949	24837	3.05%	0.314%
53	14.274	2068	2072	2075	rBV5	23632	36083	4.43%	0.456%
54	14.304	2075	2077	2080	rVB3	28570	28561	3.50%	0.361%
55	14.345	2080	2084	2086	rBV3	33576	43046	5.28%	0.544%
56	14.374	2086	2089	2092	rBV5	30032	36265	4.45%	0.459%
57	14.451	2100	2102	2105	rBV4	32334	36117	4.43%	0.457%
58	14.480	2105	2107	2111	rVB3	49420	52115	6.39%	0.659%
59	14.533	2111	2116	2120	rBV7	32010	67705	8.31%	0.856%
60	14.574	2120	2123	2130	rVV3	94684	138364	16.98%	1.750%
61	14.627	2130	2132	2136	rVB3	39686	31464	3.86%	0.398%
62	14.668	2136	2139	2144	rVB5	49193	69978	8.59%	0.885%
63	14.716	2144	2147	2150	rVB4	26479	24057	2.95%	0.304%
64	14.768	2152	2156	2158	rVB4	21682	23913	2.93%	0.302%
65	14.804	2158	2162	2165	rBV5	9251	11478	1.41%	0.145%
66	14.839	2165	2168	2176	rVB7	18208	29697	3.64%	0.376%
67	14.998	2190	2195	2198	rBV3	114121	164114	20.14%	2.076%
68	15.104	2210	2213	2216	rBV	23906	25929	3.18%	0.328%
69	15.198	2224	2229	2230	rBV5	11228	15712	1.93%	0.199%
70	15.292	2241	2245	2249	rBV2	57215	69201	8.49%	0.875%
71	15.357	2252	2256	2261	rBV	79083	100321	12.31%	1.269%
72	15.421	2261	2267	2270	rVV	187105	245663	30.14%	3.107%
73	15.451	2270	2272	2278	rVB2	25610	33673	4.13%	0.426%
74	15.586	2291	2295	2296	rBV4	11108	12897	1.58%	0.163%
75	15.845	2334	2339	2341	rBV6	8378	12768	1.57%	0.161%
76	15.986	2357	2363	2367	rBV7	8013	16661	2.04%	0.211%

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6A

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.874	2507	2514	2520	rBV2	44217	88691	10.88%	1.122%
78	17.039	2538	2542	2549	rBV6	11856	26474	3.25%	0.335%
79	17.309	2583	2588	2594	rBV2	31138	63330	7.77%	0.801%
80	17.568	2628	2632	2636	rBV5	7032	10567	1.30%	0.134%

Sum of corrected areas: 7906313

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Misc :
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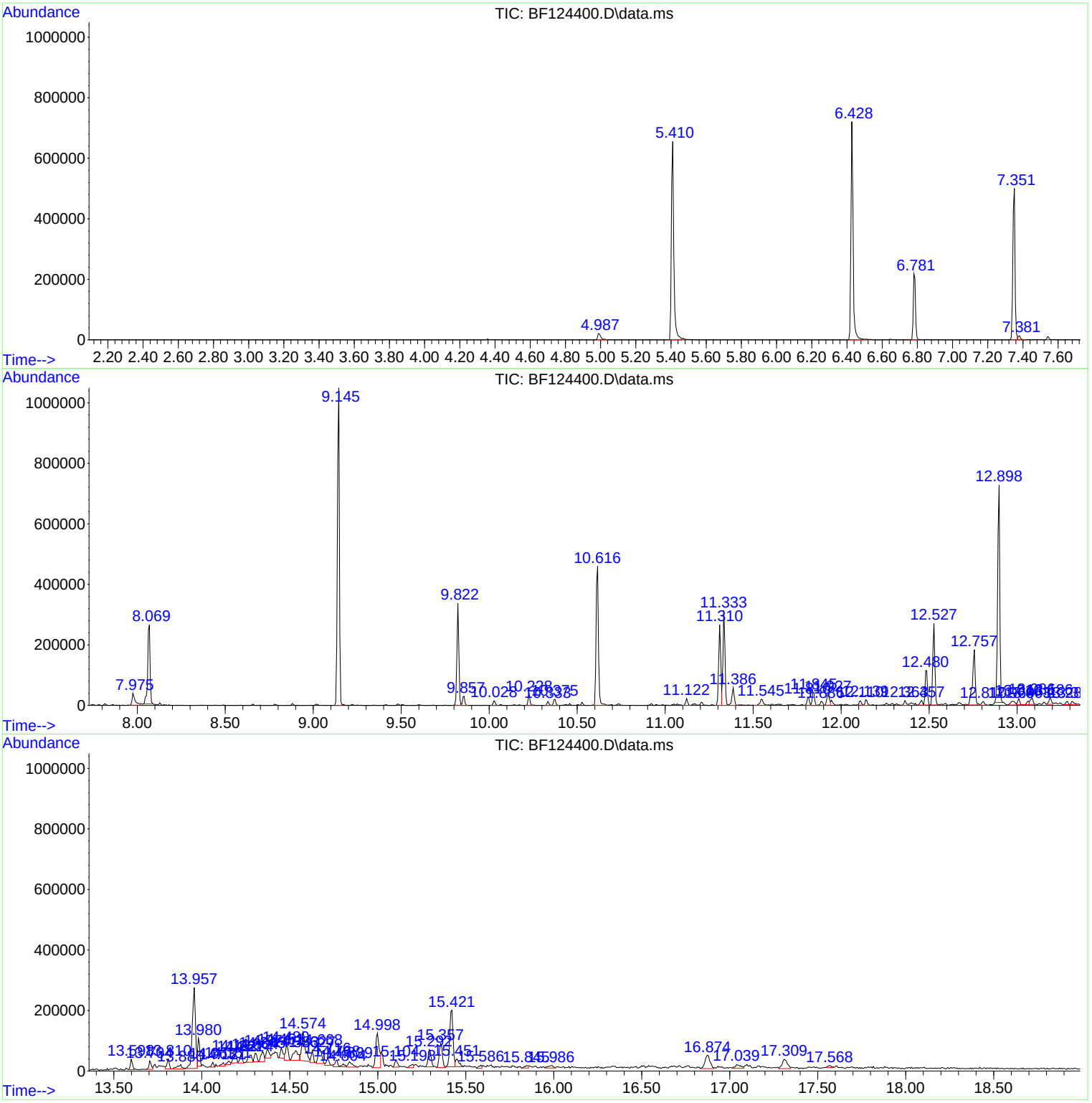
Instrument :
BNA_F
ClientSampleId :
SB-6A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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Acq On : 21 Jun 2021 18:54
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

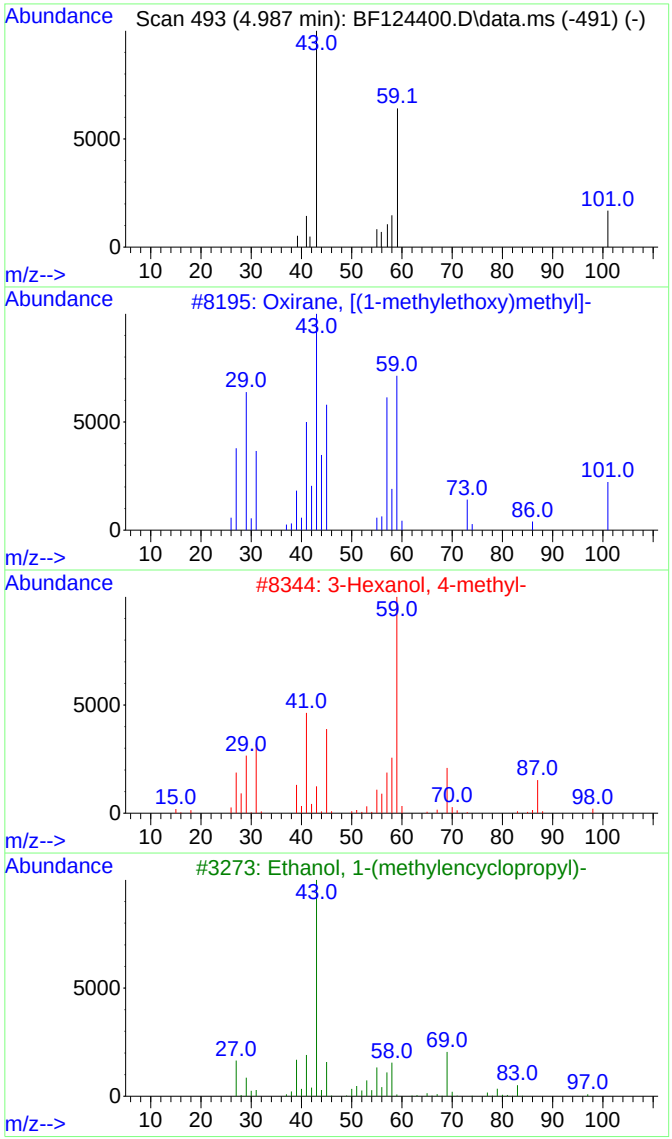
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

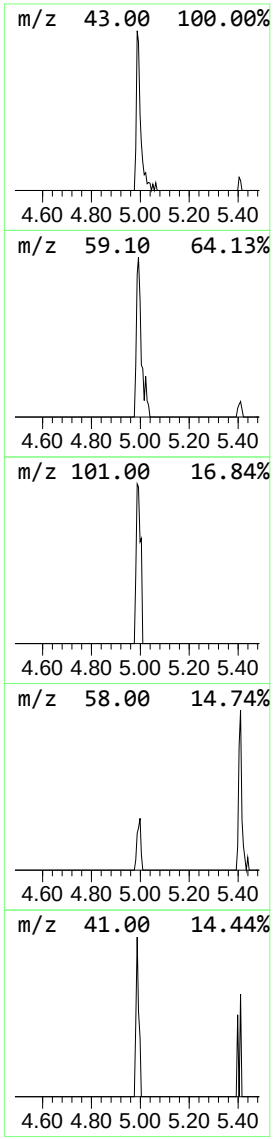
****

Peak Number 1 unknown4.987 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	2.85 ng	27054	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	43
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Ethanol, 1-(methylencyclopropyl)-	98	C6H10O	1000152-74-6	9
4	3-Octanol	130	C8H18O	000589-98-0	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124400.D
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Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

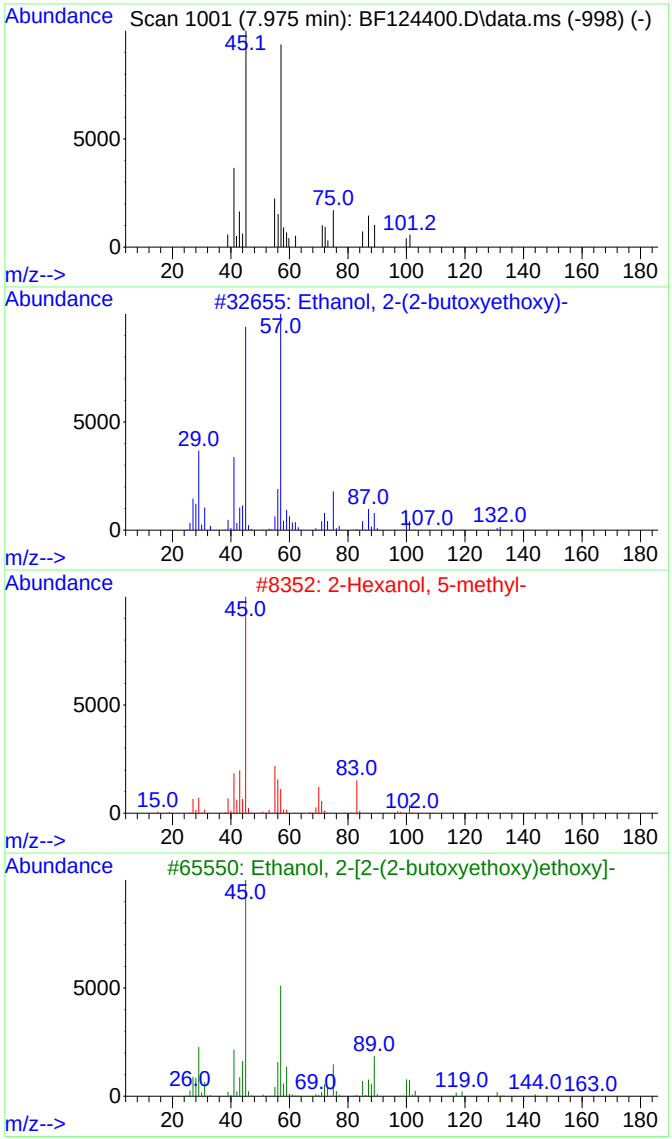
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

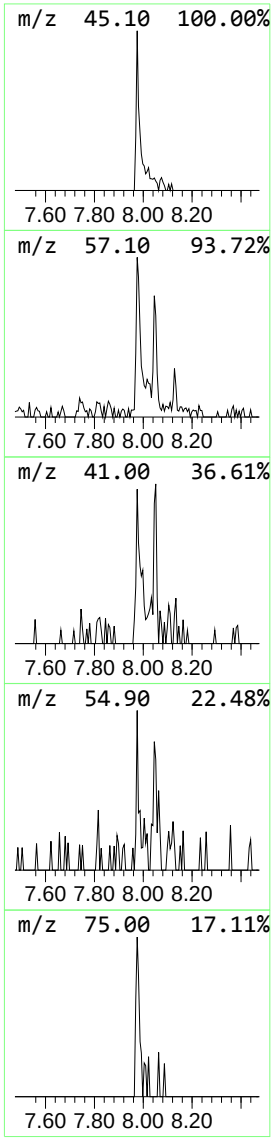
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.975	3.84 ng	46994	Naphthalene-d8	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	2-Hexanol, 5-methyl-	116	C7H16O	000627-59-8	38
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	38
4	Ethylene glycol diglycidyl ether	174	C8H14O4	002224-15-9	38
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
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TIC Library : C:\DATABASE\NIST11.L
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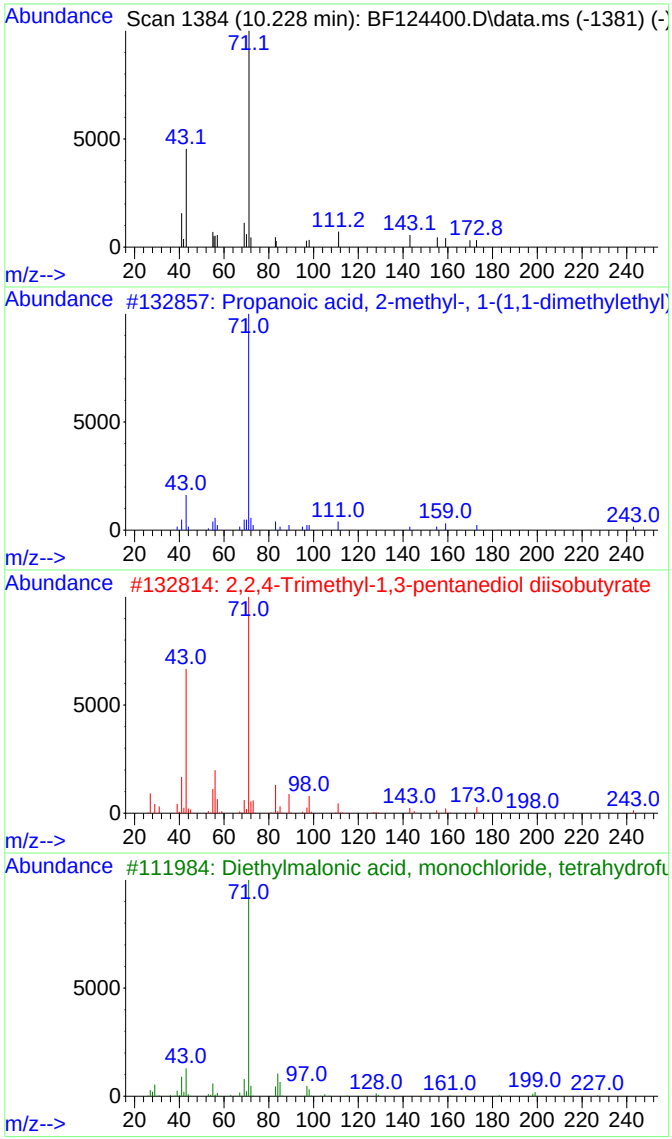
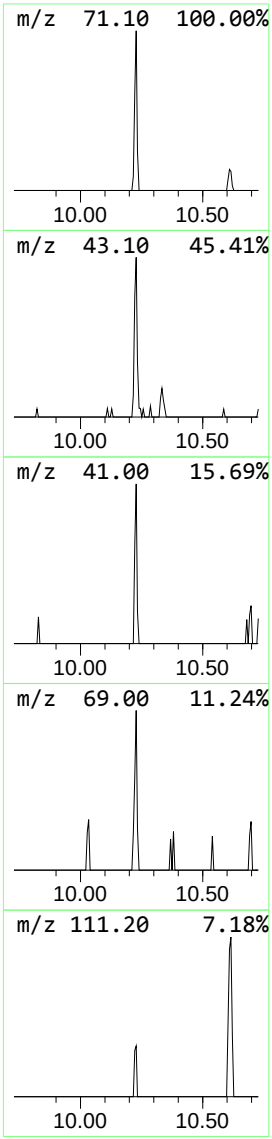
****
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.228	2.03 ng	25813	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	72
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	64
3	Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	50
4	Butanoic acid, 2-hexenyl ester, ...	170	C10H18O2	053398-83-7	42
5	2,2,3-Triethyloxirane	128	C8H16O	053229-40-6	42





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
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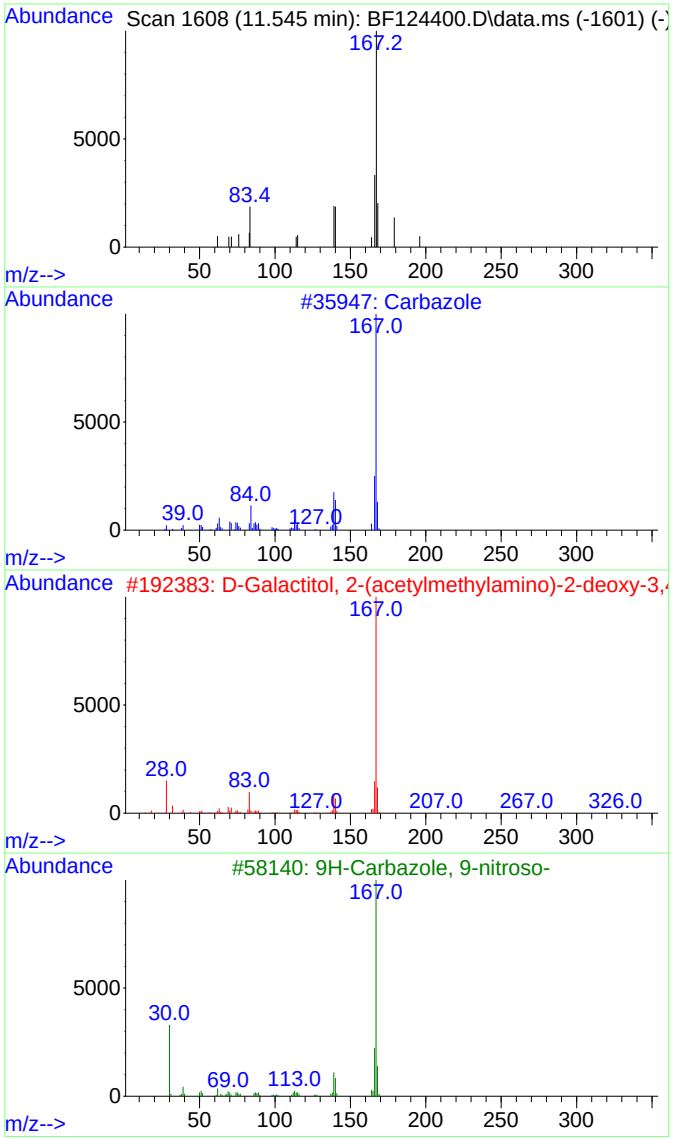
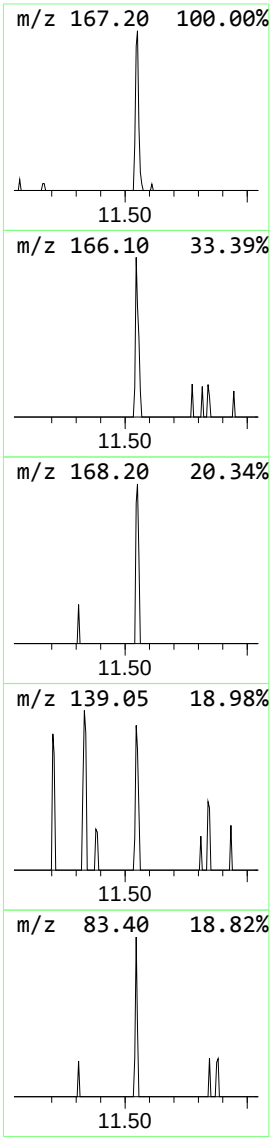
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 D-Galactitol, 2-(acetylmeth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.545	2.40 ng	26984	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	64
2	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	64
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	59
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	59
5	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	53





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Instrument :
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ClientSampleId :
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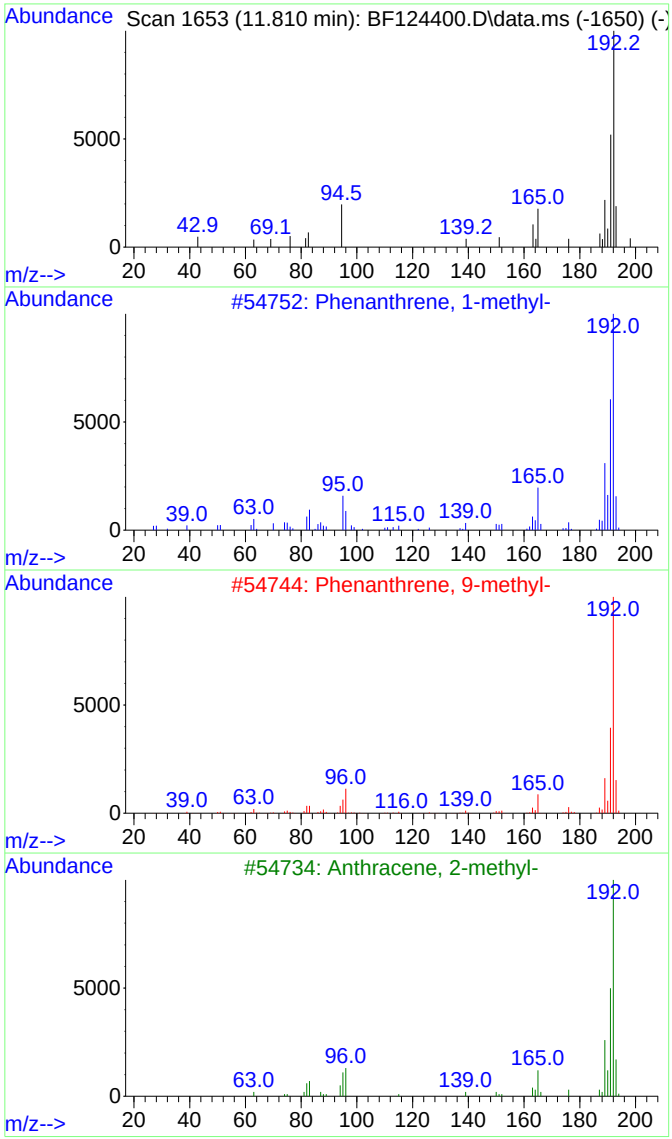
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

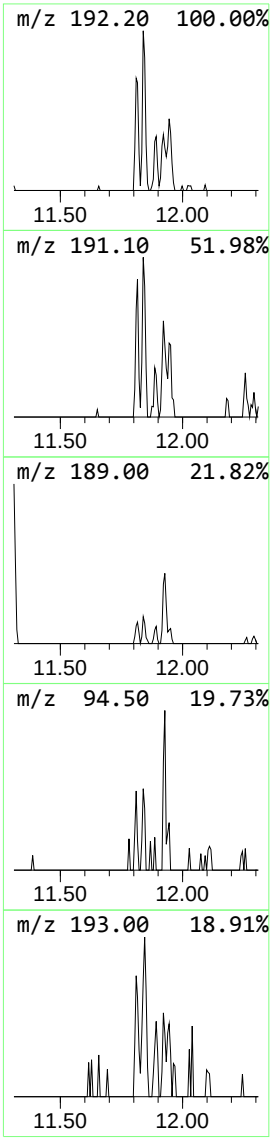
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	2.14 ng	24064	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	76
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

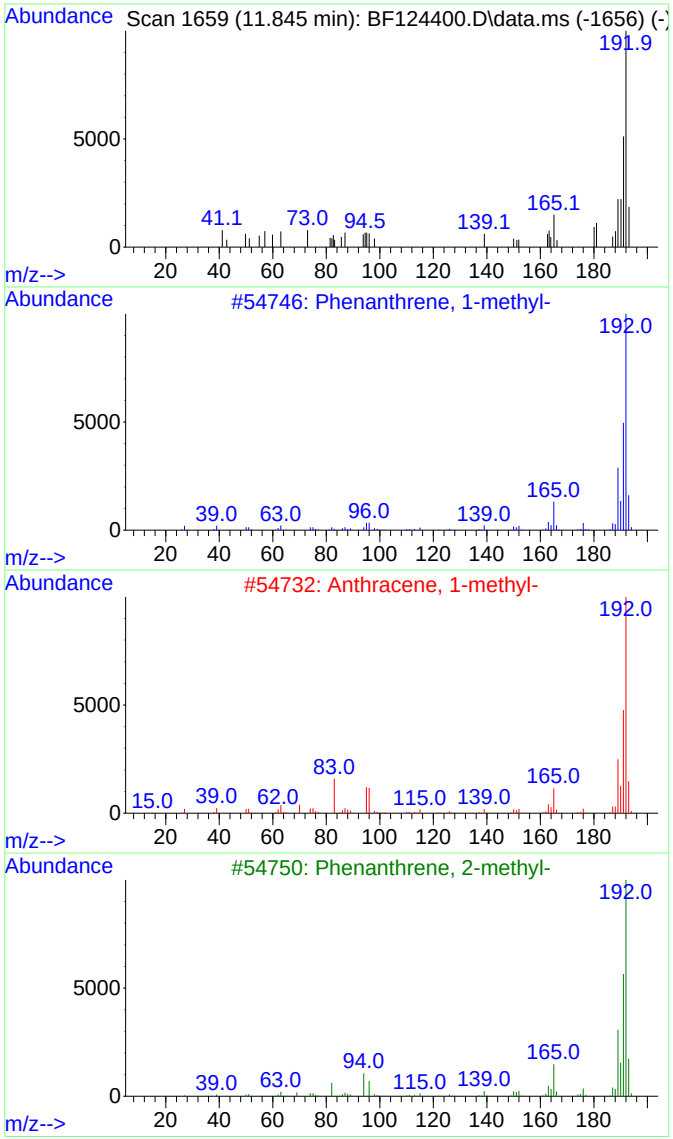
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

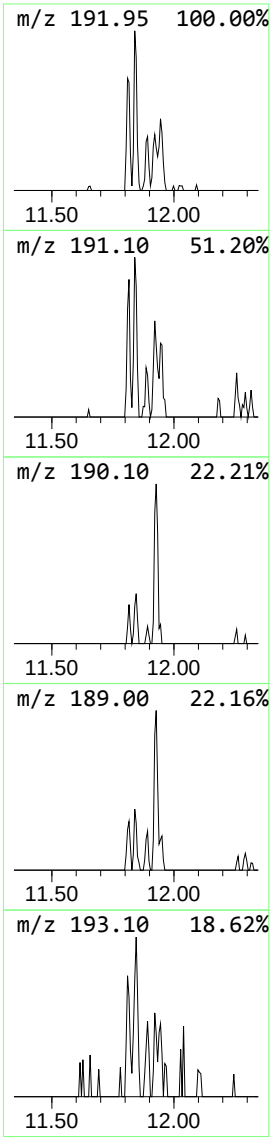
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	3.60 ng	40418	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68





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Acq On : 21 Jun 2021 18:54
Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

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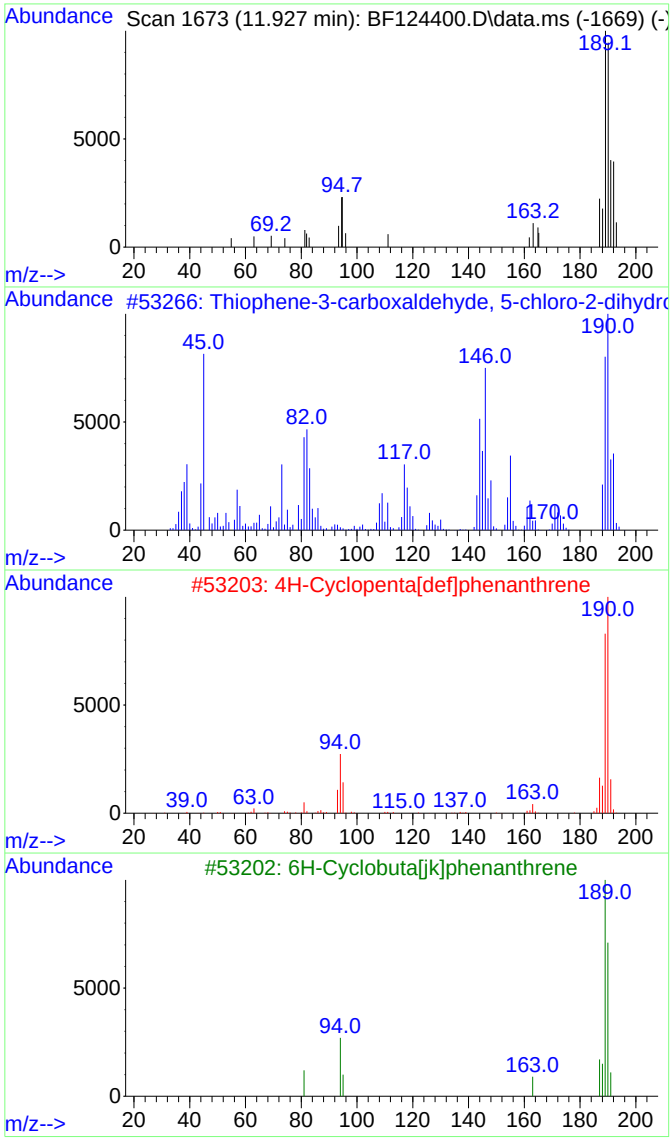
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

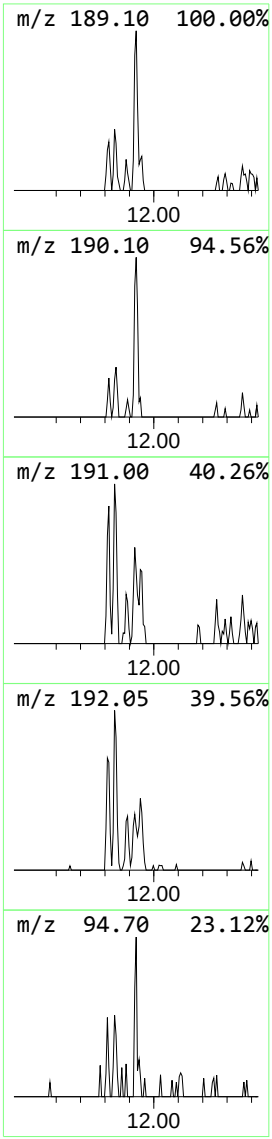
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Thiophene-3-carboxaldehyde,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	3.54 ng	39721	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	Benzaldehyde, 4-(trifluoromethoxy)-	190	C8H5F3O2	000659-28-9	38
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	37





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Acq On : 21 Jun 2021 18:54
Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

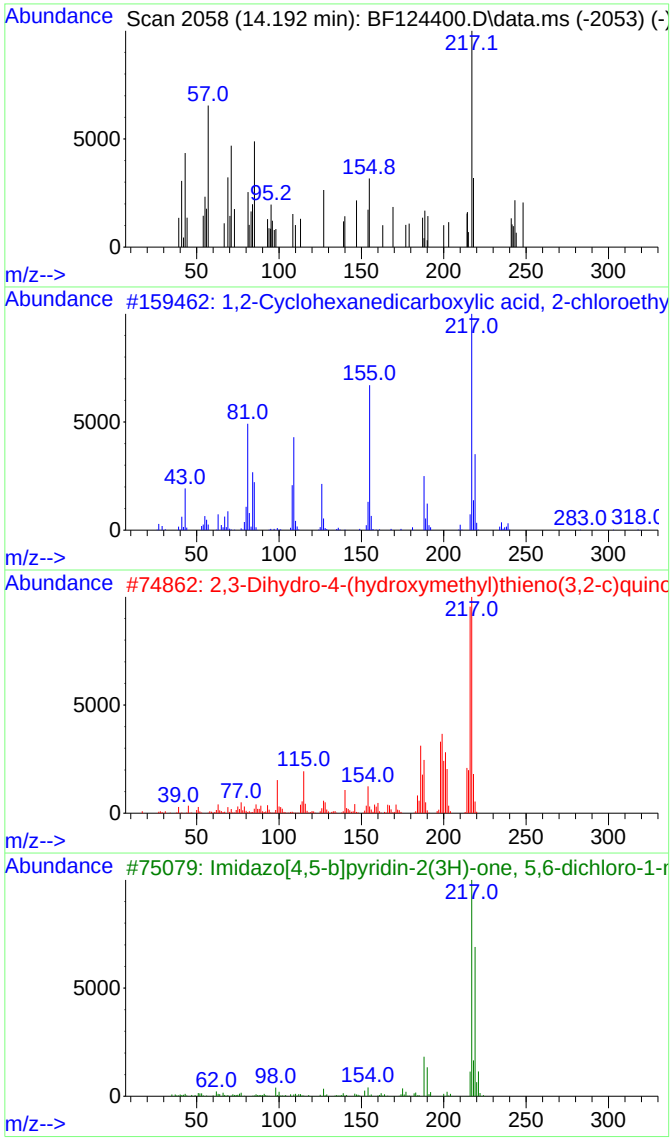
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

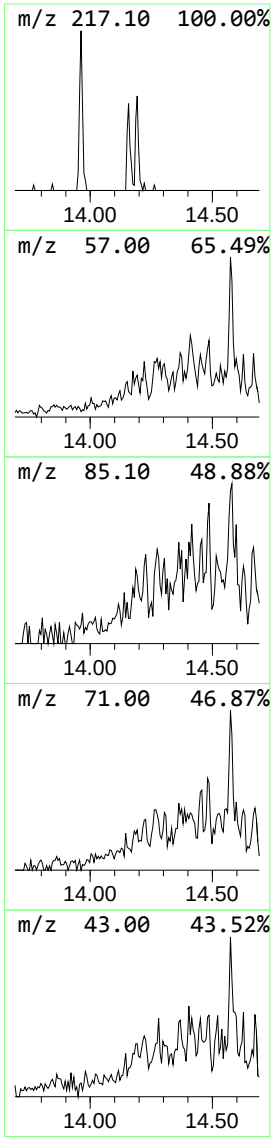
****

Peak Number 8 unknown14.192 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	2.13 ng	37183	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedicarboxylic acid...	318	C16H27ClO4	1000340-04-4	32
2	2,3-Dihydro-4-(hydroxymethyl)thi...	217	C12H11NOS	095843-59-7	27
3	Imidazo[4,5-b]pyridin-2(3H)-one,...	217	C7H5Cl2N3O	309731-67-7	16
4	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	12
5	Benzo(c)carbazole	217	C16H11N	034777-33-8	12





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Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

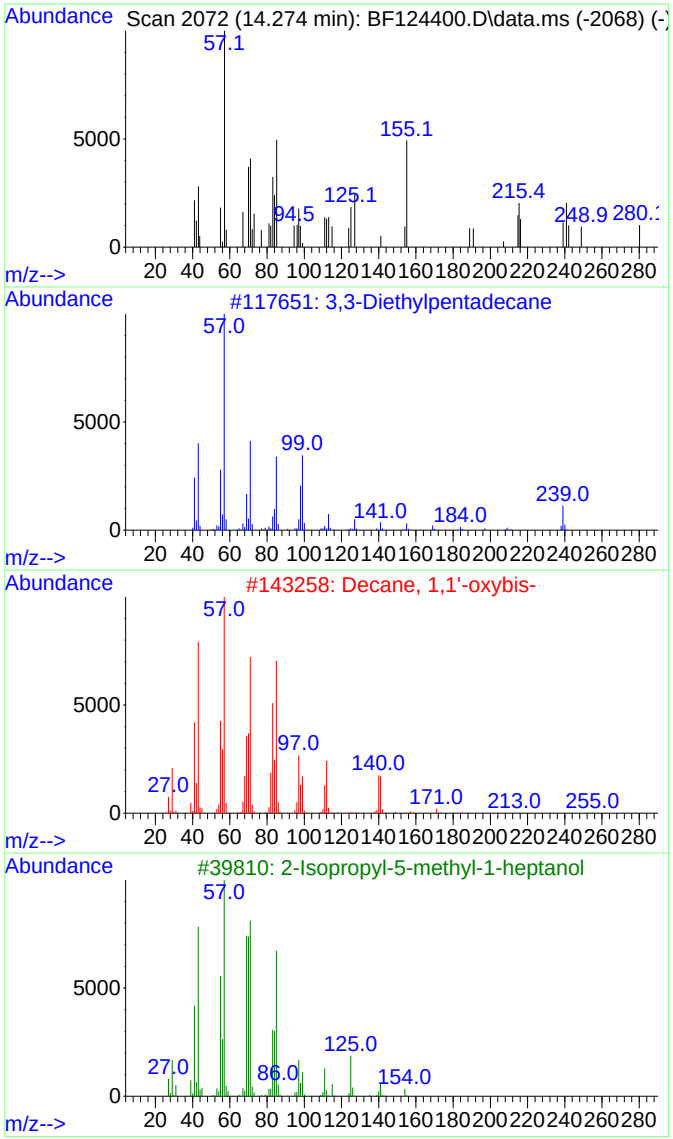
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

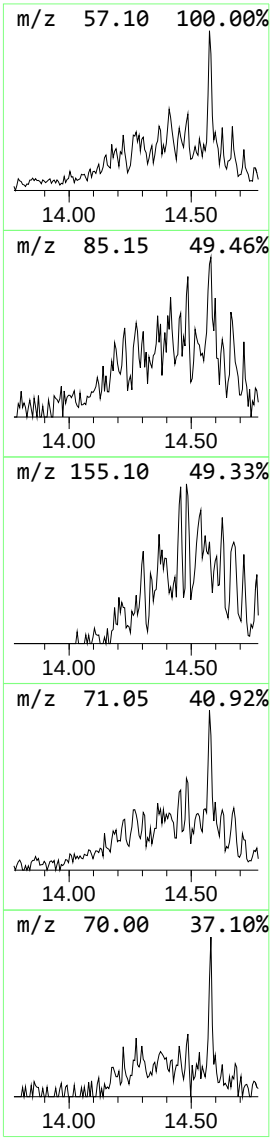
****

Peak Number 9 unknown14.274 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.274	2.07 ng	36083	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Diethylpentadecane	268	C19H40	1000360-41-1	16
2	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	16
3	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	16
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	16
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	12





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Operator : JU/CG
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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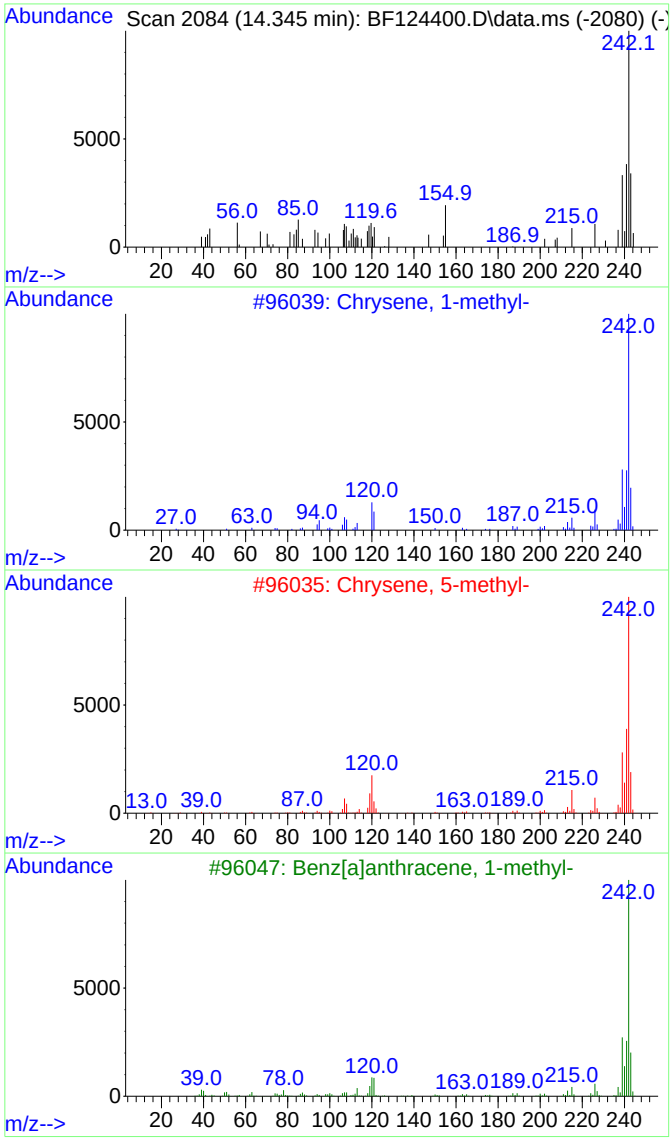
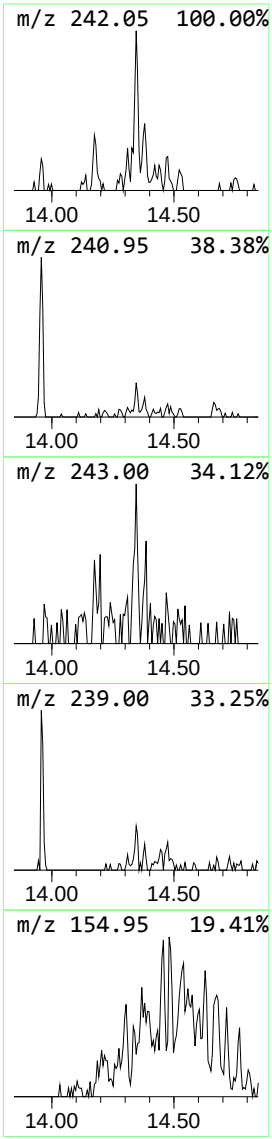
Peak Number 10 Chrysene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	2.47 ng	43046	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	58
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	58
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	53
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	53
5	2-Methylchrysene	242	C19H14	003351-32-4	52





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Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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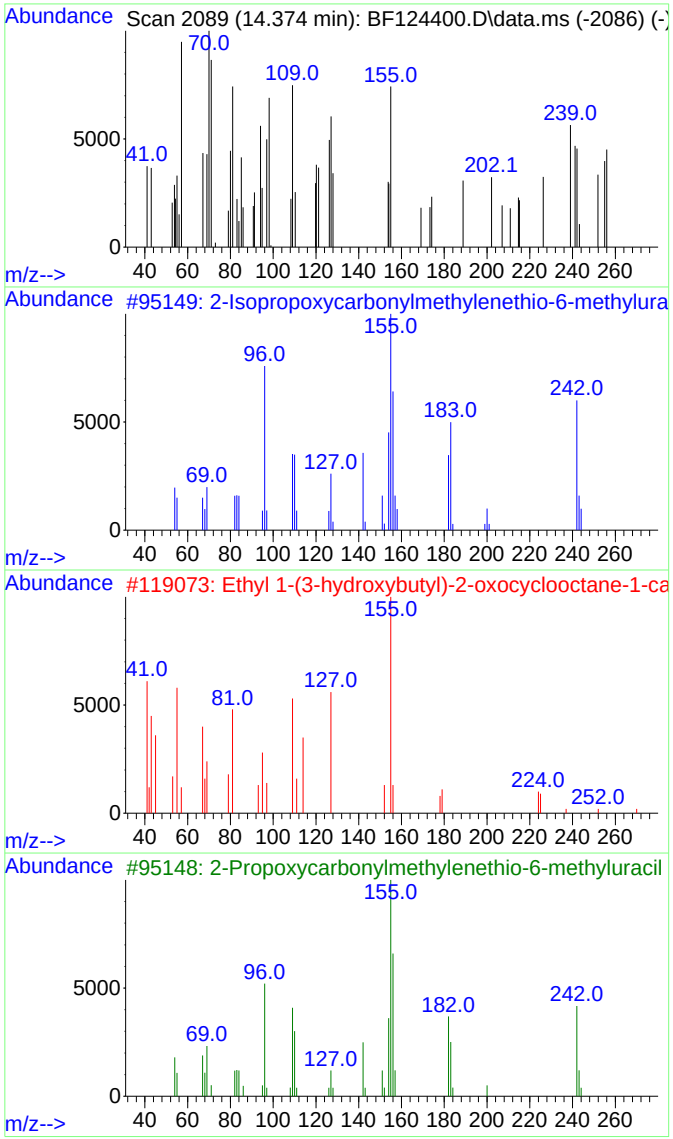
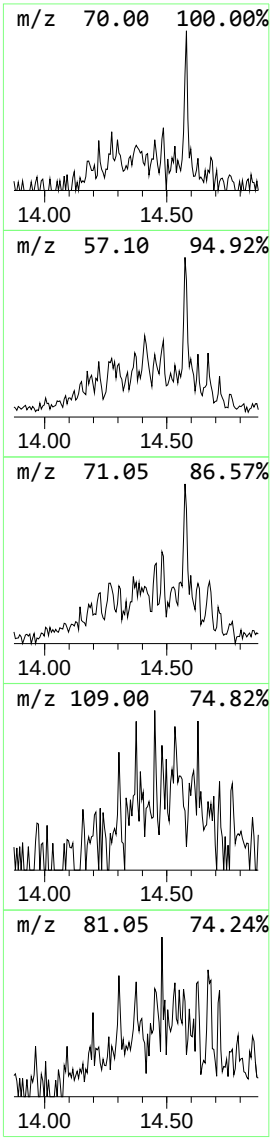
Peak Number 11 unknown14.374 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.374	2.08 ng	36265	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropoxycarbonylmethylenethi...	242	C10H14N2O3S	021418-91-7	25
2	Ethyl 1-(3-hydroxybutyl)-2-oxocy...	270	C15H26O4	110288-16-9	22
3	2-Propoxycarbonylmethylenethio-6...	242	C10H14N2O3S	021418-89-3	22
4	5H-Imidazole-4-carboxylic acid, ...	155	C6H9N3O2	1000303-21-9	22
5	Bicyclo[2.2.2]octane-1-carboxyli...	154	C9H14O2	000699-55-8	10





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Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

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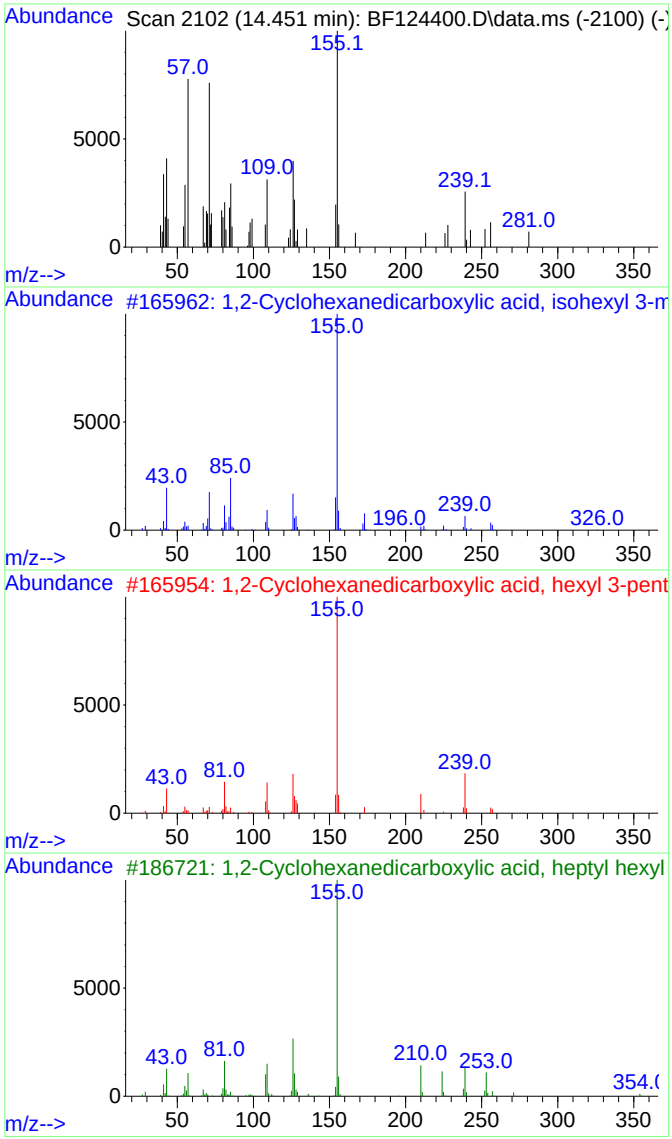
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

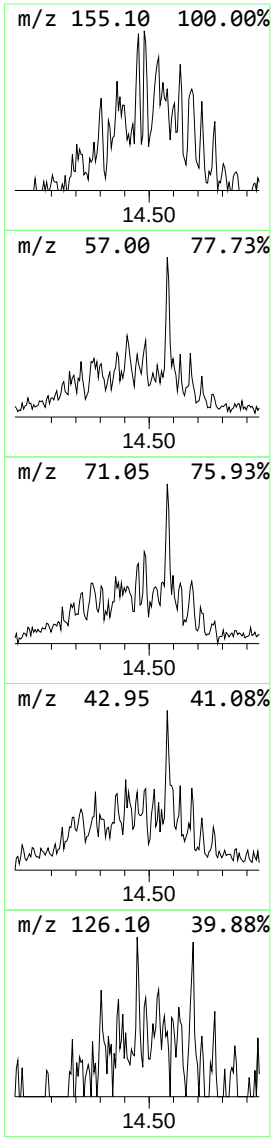
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,2-Cyclohexanedicarboxylic... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.451	2.07 ng	36117	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedicarboxylic acid...	326	C19H34O4	1000339-55-9	53
2	1,2-Cyclohexanedicarboxylic acid...	326	C19H34O4	1000339-50-4	38
3	1,2-Cyclohexanedicarboxylic acid...	354	C21H38O4	1000339-53-7	38
4	1,2-Cyclohexanedicarboxylic acid...	340	C20H36O4	1000339-44-3	35
5	1,2-Cyclohexanedicarboxylic acid...	284	C16H28O4	1000339-42-4	35





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Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

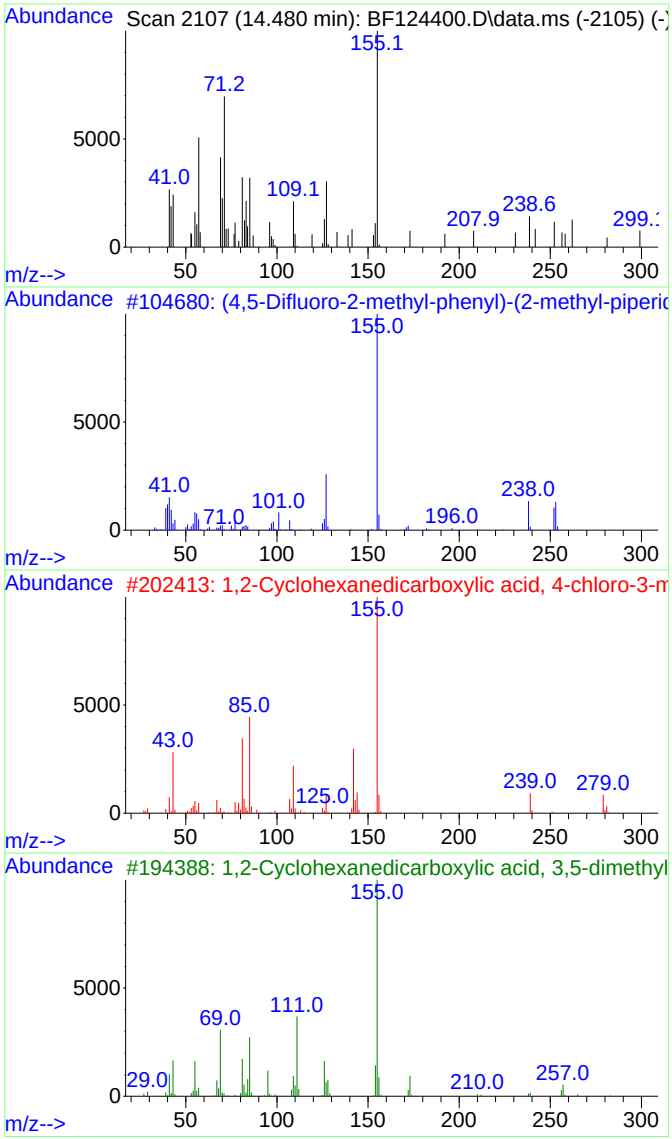
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

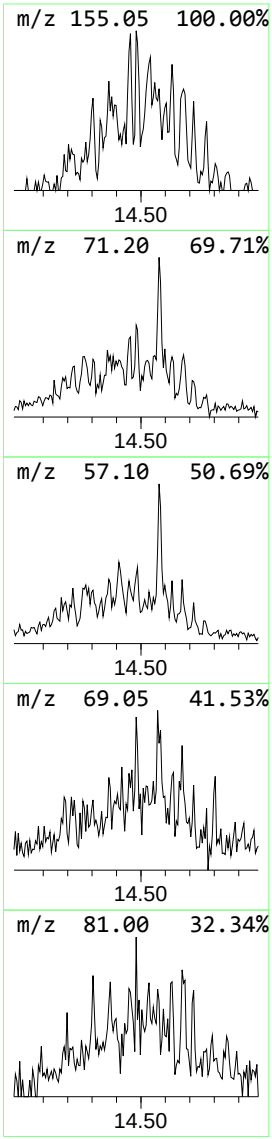
****

Peak Number 13 unknown14.480 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	2.99 ng	52115	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4,5-Difluoro-2-methyl-phenyl)-(...	253	C14H17F2NO	1000277-71-3	43
2	1,2-Cyclohexanedicarboxylic acid...	380	C21H29ClO4	1000339-68-8	38
3	1,2-Cyclohexanedicarboxylic acid...	366	C22H38O4	1000339-84-9	32
4	1,2-Cyclohexanedicarboxylic acid...	412	C24H44O5	1000339-92-1	32
5	1,2-Cyclohexanedicarboxylic acid...	310	C18H30O4	1000339-75-2	32





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Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

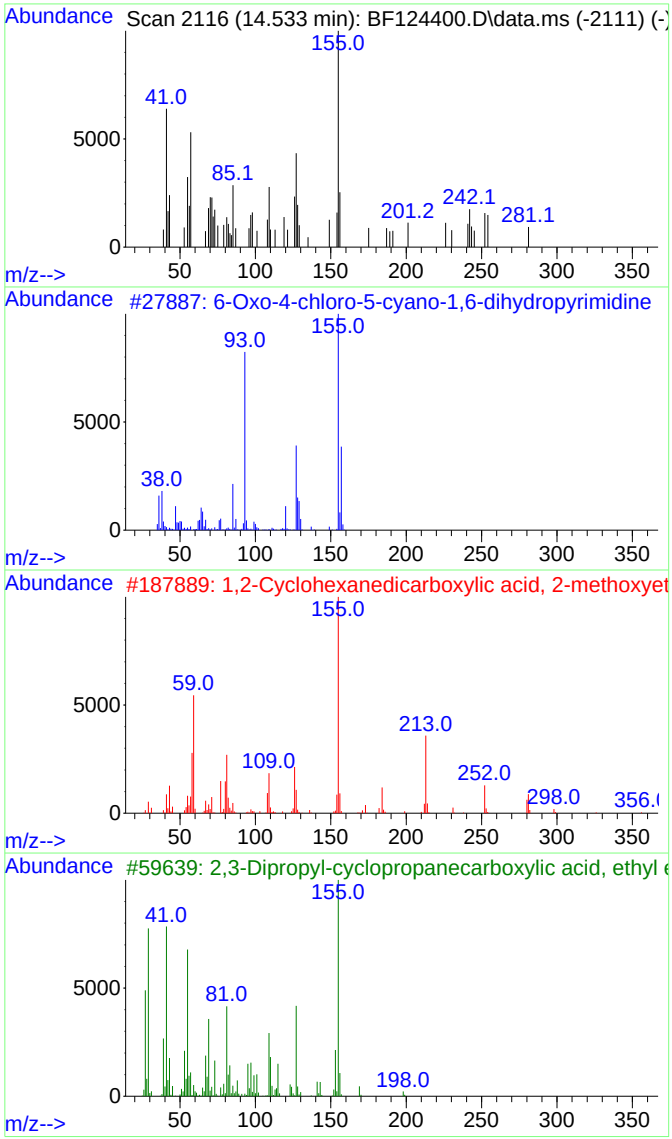
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

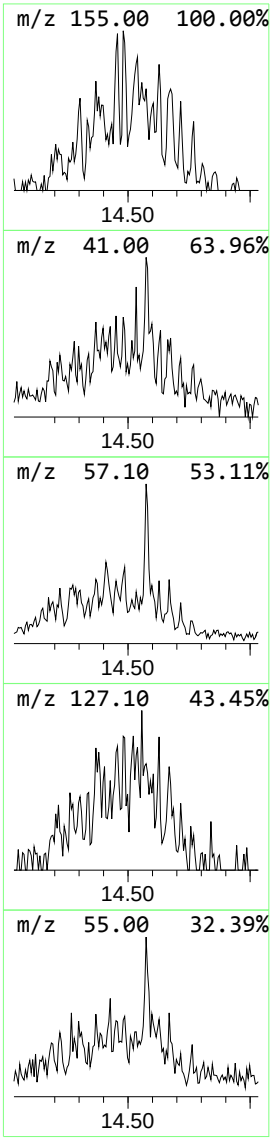
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 6-Oxo-4-chloro-5-cyano-1,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.533	3.89 ng	67705	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Oxo-4-chloro-5-cyano-1,6-dihyd...	155	C5H2ClN3O	005305-43-1	50
2	1,2-Cyclohexanedicarboxylic acid...	356	C20H36O5	1000340-03-1	47
3	2,3-Dipropyl-cyclopropanecarboxy...	198	C12H22O2	1000193-94-4	47
4	N-tert-Butyl-2-[N'-(naphthalene-...	313	C17H19N3O3	1000311-38-4	43
5	1,2-Cyclohexanedicarboxylic acid...	382	C23H42O4	1000339-44-6	43





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Sample : M2748-15
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Instrument : BNA_F
ClientSampleId : SB-6A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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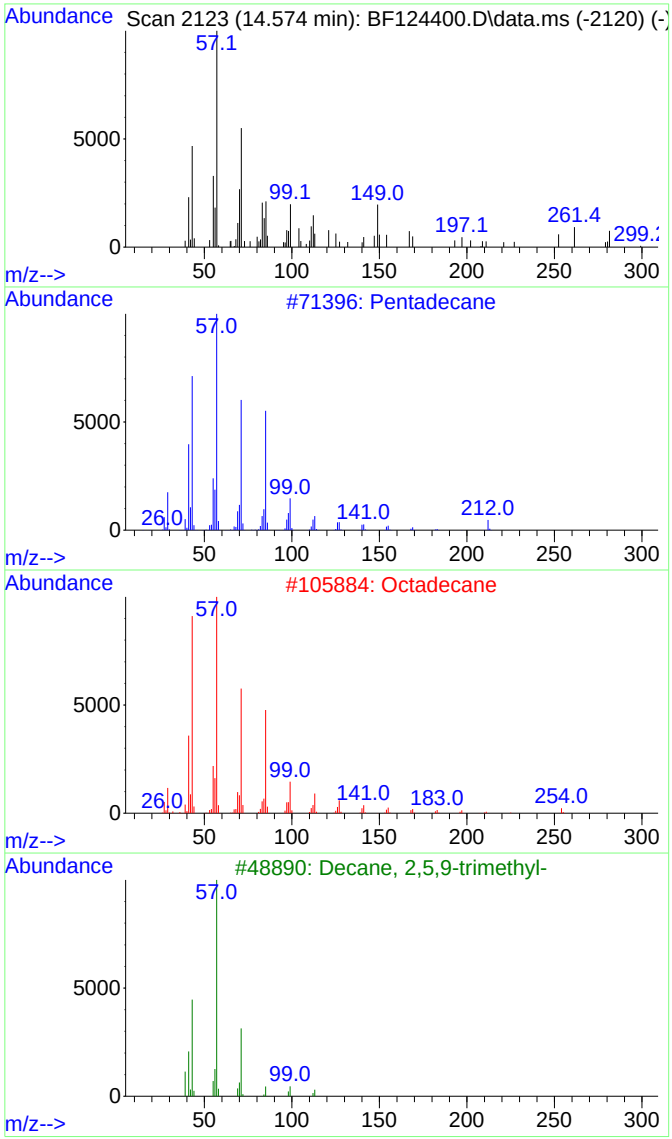
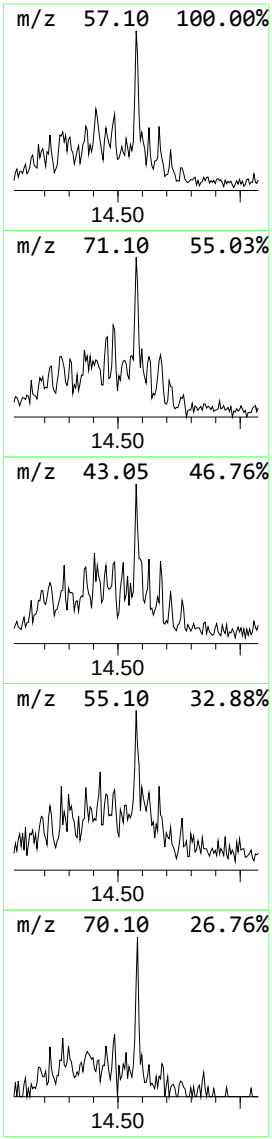
Peak Number 15 unknown14.574 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.574	7.94 ng	138364	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	38
2	Octadecane	254	C18H38	000593-45-3	38
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	37
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	35
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	35





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Instrument : BNA_F
ClientSampleId : SB-6A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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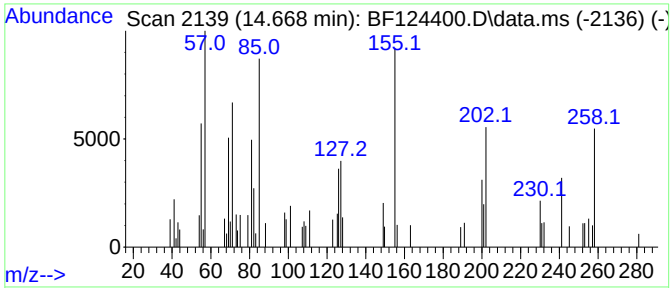
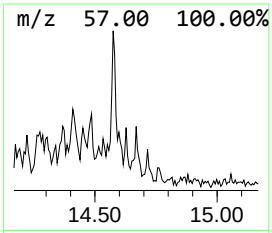
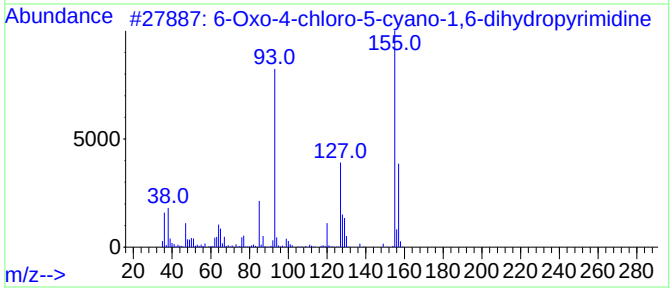
Peak Number 16 unknown14.668 Concentration Rank 3

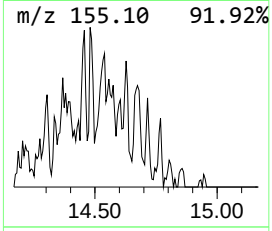
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.668	4.02 ng	69978	Chrysene-d12	13.957

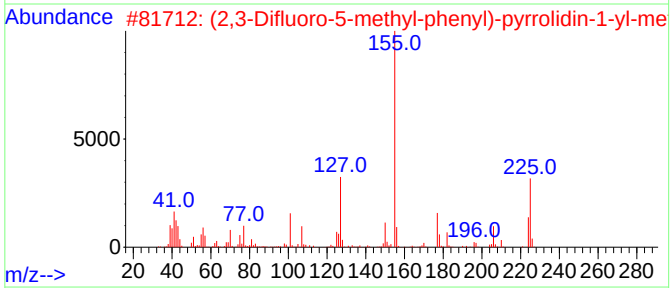
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Oxo-4-chloro-5-cyano-1,6-dihyd...	155	C5H2ClN3O	005305-43-1	27
2	(2,3-Difluoro-5-methyl-phenyl)-p...	225	C12H13F2NO	1000278-21-5	22
3	1,3,5-Triazin-2(1H)-one, 4-amino...	155	C5H9N5O	007313-54-4	22
4	1-[2-(1-Hydroxyisopropyloxy)ethy...	230	C15H18O2	1000284-48-8	14
5	Benzaldehyde 4-methyl-6-methylth...	258	C13H14N4S	001899-57-6	12

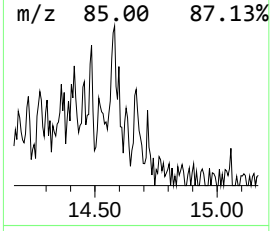


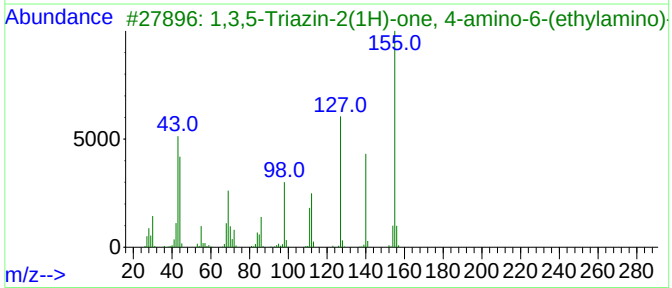


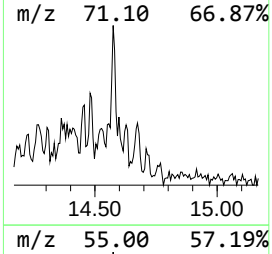


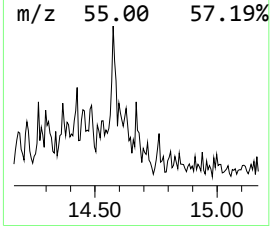












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124400.D
Acq On : 21 Jun 2021 18:54
Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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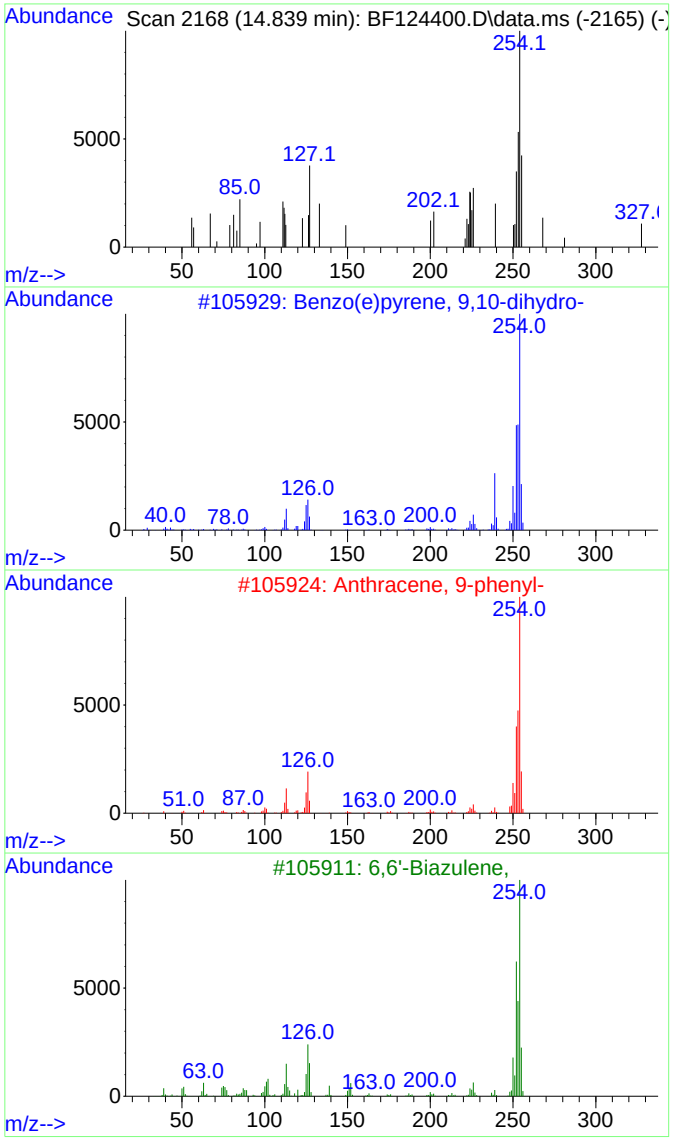
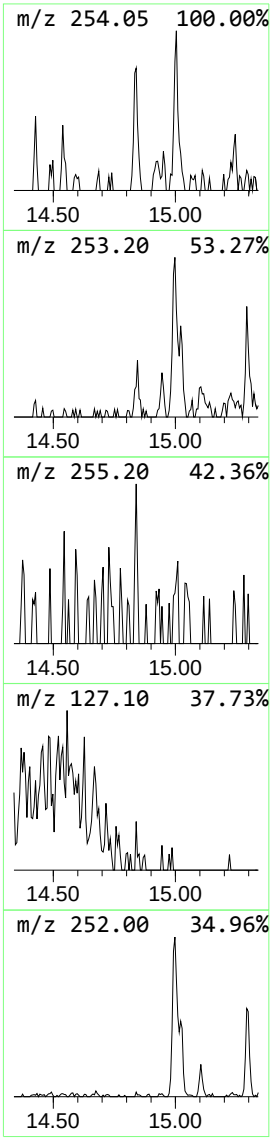
Peak Number 17 unknown14.839 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	2.42 ng	29697	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	38
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	38
3	6,6'-Biazulene,	254	C20H14	073393-11-0	38
4	Fluorene, 9-(2-pyridinyl)methylene-	255	C19H13N	002871-27-4	35
5	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124400.D
Acq On : 21 Jun 2021 18:54
Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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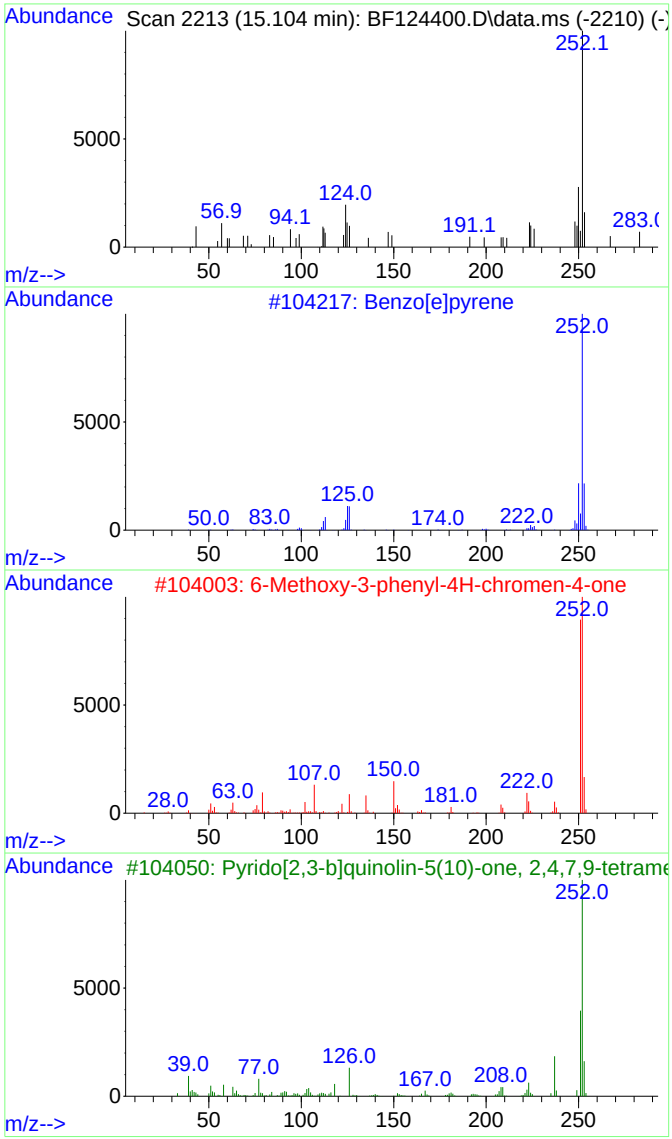
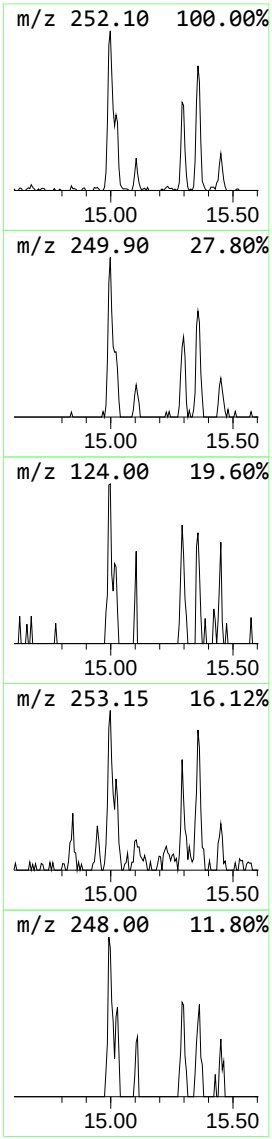
Peak Number 18 unknown15.104 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	2.11 ng	25929	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	49
2	6-Methoxy-3-phenyl-4H-chromen-4-one	252	C16H12O3	032684-58-5	47
3	Pyrido[2,3-b]quinolin-5(10)-one,...	252	C16H16N2O	309724-82-1	47
4	Benzo[a]pyrene	252	C20H12	000050-32-8	46
5	12H-[1,3]Benzothiazolo[2,3-b]qui...	252	C14H8N2OS	1000338-32-6	43





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Data File : BF124400.D
Acq On : 21 Jun 2021 18:54
Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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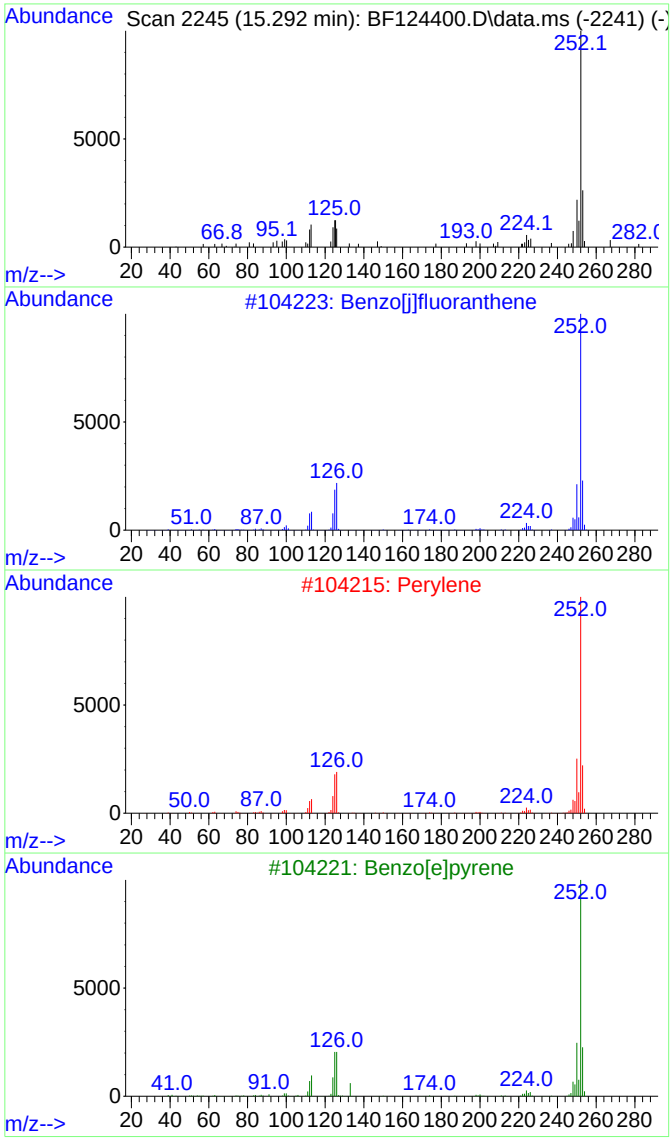
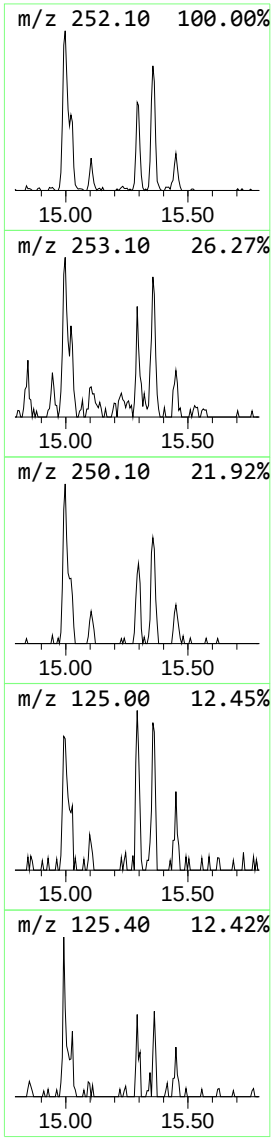
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	5.63 ng	69201	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124400.D
Acq On : 21 Jun 2021 18:54
Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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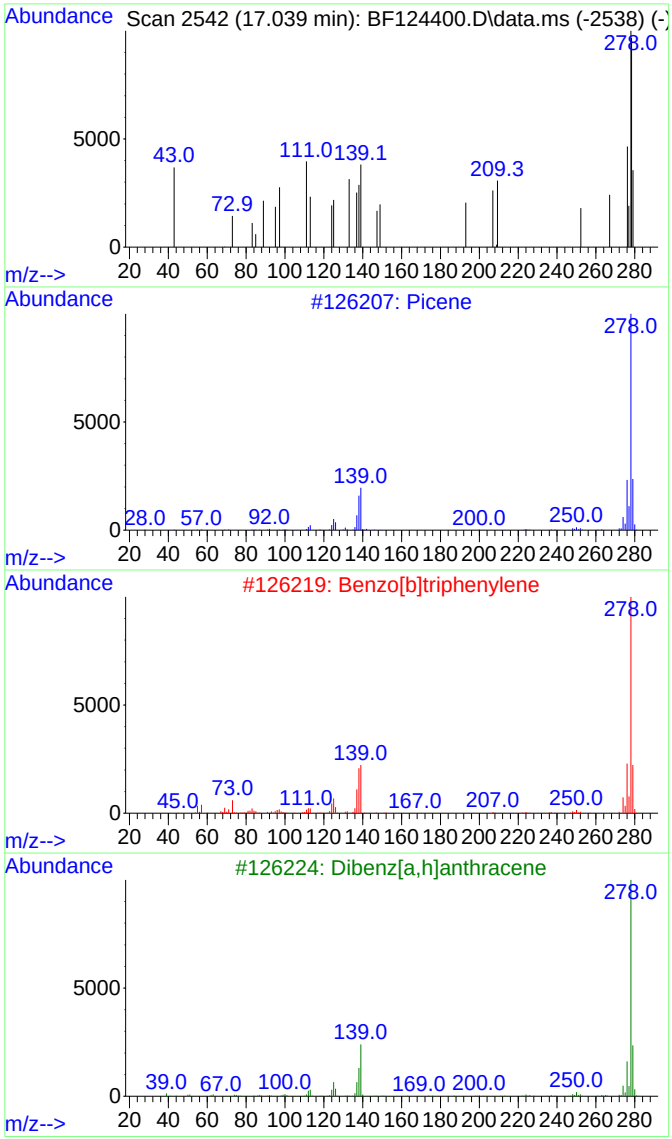
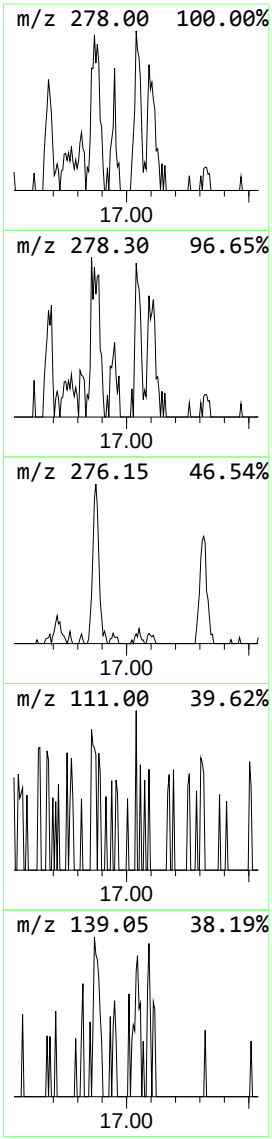
Peak Number 20 unknown17.039 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	2.16 ng	26474	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	43
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	43
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	38
4	1-(Diethylamino)-3-methylpyrido[...	278	C17H18N4	1000331-84-4	35
5	10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12FO3P	037041-13-7	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124400.D
Acq On : 21 Jun 2021 18:54
Operator : JU/CG
Sample : M2748-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.987	4.987	2.9	ng	27054	1	6.781	189676	20.0
Ethanol, 2-(2-b...	7.975	3.8	ng	46994	2	8.069	244548	20.0
Propanoic acid,...	10.228	2.0	ng	25813	3	9.822	254590	20.0
D-Galactitol, 2...	11.545	2.4	ng	26984	4	11.310	224565	20.0
Phenanthrene, 1...	11.810	2.1	ng	24064	4	11.310	224565	20.0
Anthracene, 1-m...	11.845	3.6	ng	40418	4	11.310	224565	20.0
Thiophene-3-car...	11.927	3.5	ng	39721	4	11.310	224565	20.0
unknown14.192	14.192	2.1	ng	37183	5	13.957	348408	20.0
unknown14.274	14.274	2.1	ng	36083	5	13.957	348408	20.0
Chrysene, 1-met...	14.345	2.5	ng	43046	5	13.957	348408	20.0
unknown14.374	14.374	2.1	ng	36265	5	13.957	348408	20.0
1,2-Cyclohexane...	14.451	2.1	ng	36117	5	13.957	348408	20.0
unknown14.480	14.480	3.0	ng	52115	5	13.957	348408	20.0
6-Oxo-4-chloro-...	14.533	3.9	ng	67705	5	13.957	348408	20.0
unknown14.574	14.574	7.9	ng	138364	5	13.957	348408	20.0
unknown14.668	14.668	4.0	ng	69978	5	13.957	348408	20.0
unknown14.839	14.839	2.4	ng	29697	6	15.421	245663	20.0
unknown15.104	15.104	2.1	ng	25929	6	15.421	245663	20.0
Benzo[j]fluoran...	15.292	5.6	ng	69201	6	15.421	245663	20.0
unknown17.039	17.039	2.2	ng	26474	6	15.421	245663	20.0