LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124882.D
Acq On : 30 Jul 2021 18:26
Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(1.0-2.0)

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-BF072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124882.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	8	rVB	8378	7151	3.51%	0.392%
2	5.092	508	511	514	rBB	2890	2904	1.43%	0.159%
3	5.487	574	578	581	rBV	151655	135976	66.73%	7.461%
4	6.498	745	750	753	rBV	138501	142666	70.02%	7.828%
5	6.869	810	813	816	rBB	49850	36230	17.78%	1.988%
6	7.433	905	909	912	rBV	109188	98364	48.27%	5.398%
7	8.051	1011	1014	1021	rBB	20761	16021	7.86%	0.879%
8	8.151	1028	1031	1034	rBV	63906	51632	25.34%	2.833%
9	9.227	1210	1214	1217	rBV	236165	203763	100.00%	11.181%
10	9.910	1326	1330	1333	rBV	78786	63555	31.19%	3.487%
11	9.939	1333	1335	1337	rVB	5250	3687	1.81%	0.202%
12	10.457	1420	1423	1425	rBB	4811	3393	1.67%	0.186%
13	10.698	1461	1464	1467	rBV	134394	119258	58.53%	6.544%
14	11.398	1579	1583	1585	rBV	72972	61483	30.17%	3.374%
15	11.421	1585	1587	1590	rVV	74400	52365	25.70%	2.873%
16	11.469	1590	1595	1598	rVB	11160	9335	4.58%	0.512%
17	11.627	1617	1622	1625	rBB	4878	4138	2.03%	0.227%
18	11.898	1665	1668	1669	rBV	4979	3443	1.69%	0.189%
19	11.921	1669	1672	1675	rVB2	15232	13977	6.86%	0.767%
20	12.010	1684	1687	1690	rBV2	8682	9673	4.75%	0.531%
21	12.486	1764	1768	1770	rBV2	4847	4762	2.34%	0.261%
22	12.610	1786	1789	1793	rBV	77173	67814	33.28%	3.721%
23	12.704	1803	1805	1809	rBB	3997	2843	1.40%	0.156%
24	12.798	1817	1821	1823	rBV	10155	7796	3.83%	0.428%
25	12.839	1823	1828	1832	rVB	57204	58411	28.67%	3.205%
26	12.957	1846	1848	1849	rBV	3381	2250	1.10%	0.123%
27	12.986	1849	1853	1856	rVB	203949	169401	83.14%	9.296%
28	13.145	1877	1880	1881	rBV	2218	2328	1.14%	0.128%
29	13.168	1881	1884	1886	rVV	8051	6999	3.43%	0.384%
30	13.204	1886	1890	1892	rVV2	3933	3308	1.62%	0.182%
31	13.233	1892	1895	1899	rVV2	5685	4538	2.23%	0.249%
32	13.274	1899	1902	1904	rVV2	4082	3390	1.66%	0.186%
33	13.363	1914	1917	1919	rBV2	2748	3002	1.47%	0.165%
34	13.462	1925	1934	1938	rBV	33618	56429	27.69%	3.096%
35	13.492	1938	1939	1944	rVV	18920	15190	7.45%	0.834%
36	13.533	1944	1946	1951	rVB3	8324	10752	5.28%	0.590%

LSC Area Percent Report

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Acq On : 30 Jul 2021 18:26
Operator : JU/CG
Sample : M3210-04
Misc :
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Instrument : BNA_F
ClientSampleId : SB-4(1.0-2.0)

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-BF072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.674	1967	1970	1973	rBV2	3970	2893	1.42%	0.159%
38	13.786	1983	1989	1992	rBV2	3923	4537	2.23%	0.249%
39	13.815	1992	1994	1996	rBV2	3566	2872	1.41%	0.158%
40	13.851	1996	2000	2002	rVV2	3027	4097	2.01%	0.225%
41	13.880	2002	2005	2016	rVB4	15979	25170	12.35%	1.381%
42	14.039	2023	2032	2034	rBV2	52953	68270	33.50%	3.746%
43	14.062	2034	2036	2040	rVB	25095	21160	10.38%	1.161%
44	14.145	2047	2050	2055	rBV2	7252	8406	4.13%	0.461%
45	14.192	2055	2058	2060	rVV3	4948	3767	1.85%	0.207%
46	14.227	2062	2064	2066	rBV2	3263	2700	1.33%	0.148%
47	14.257	2066	2069	2072	rVB3	2738	3820	1.87%	0.210%
48	14.292	2072	2075	2078	rBV3	1538	2520	1.24%	0.138%
49	14.421	2096	2097	2101	rVB2	5747	4286	2.10%	0.235%
50	14.498	2106	2110	2113	rVV2	5291	5081	2.49%	0.279%
51	14.551	2117	2119	2121	rVB3	3398	2996	1.47%	0.164%
52	14.804	2159	2162	2166	rBV4	2944	4060	1.99%	0.223%
53	15.086	2205	2210	2213	rBV	26136	41979	20.60%	2.304%
54	15.145	2217	2220	2224	rVB3	5039	6007	2.95%	0.330%
55	15.192	2225	2228	2231	rVV2	4468	5558	2.73%	0.305%
56	15.233	2231	2235	2237	rVB4	2227	3034	1.49%	0.166%
57	15.392	2256	2262	2268	rBV	15715	19930	9.78%	1.094%
58	15.456	2268	2273	2278	rBV	21427	24198	11.88%	1.328%
59	15.521	2280	2284	2288	rBV	28557	36641	17.98%	2.011%
60	15.739	2317	2321	2323	rVB2	3027	4046	1.99%	0.222%
61	15.974	2356	2361	2364	rVB3	2452	3628	1.78%	0.199%
62	16.068	2373	2377	2379	rBV4	2522	2298	1.13%	0.126%
63	16.221	2401	2403	2411	rVB4	4318	6331	3.11%	0.347%
64	16.480	2443	2447	2451	rBV3	1954	3037	1.49%	0.167%
65	16.515	2451	2453	2459	rVB3	1727	3100	1.52%	0.170%
66	16.662	2474	2478	2485	rBV3	2891	4243	2.08%	0.233%
67	16.786	2494	2499	2502	rBV5	1891	3114	1.53%	0.171%
68	16.998	2529	2535	2541	rBV2	7407	14035	6.89%	0.770%
69	17.250	2573	2578	2584	rVB3	2882	6004	2.95%	0.329%
70	17.456	2607	2613	2617	rBV2	5586	10350	5.08%	0.568%

Sum of corrected areas: 1822395

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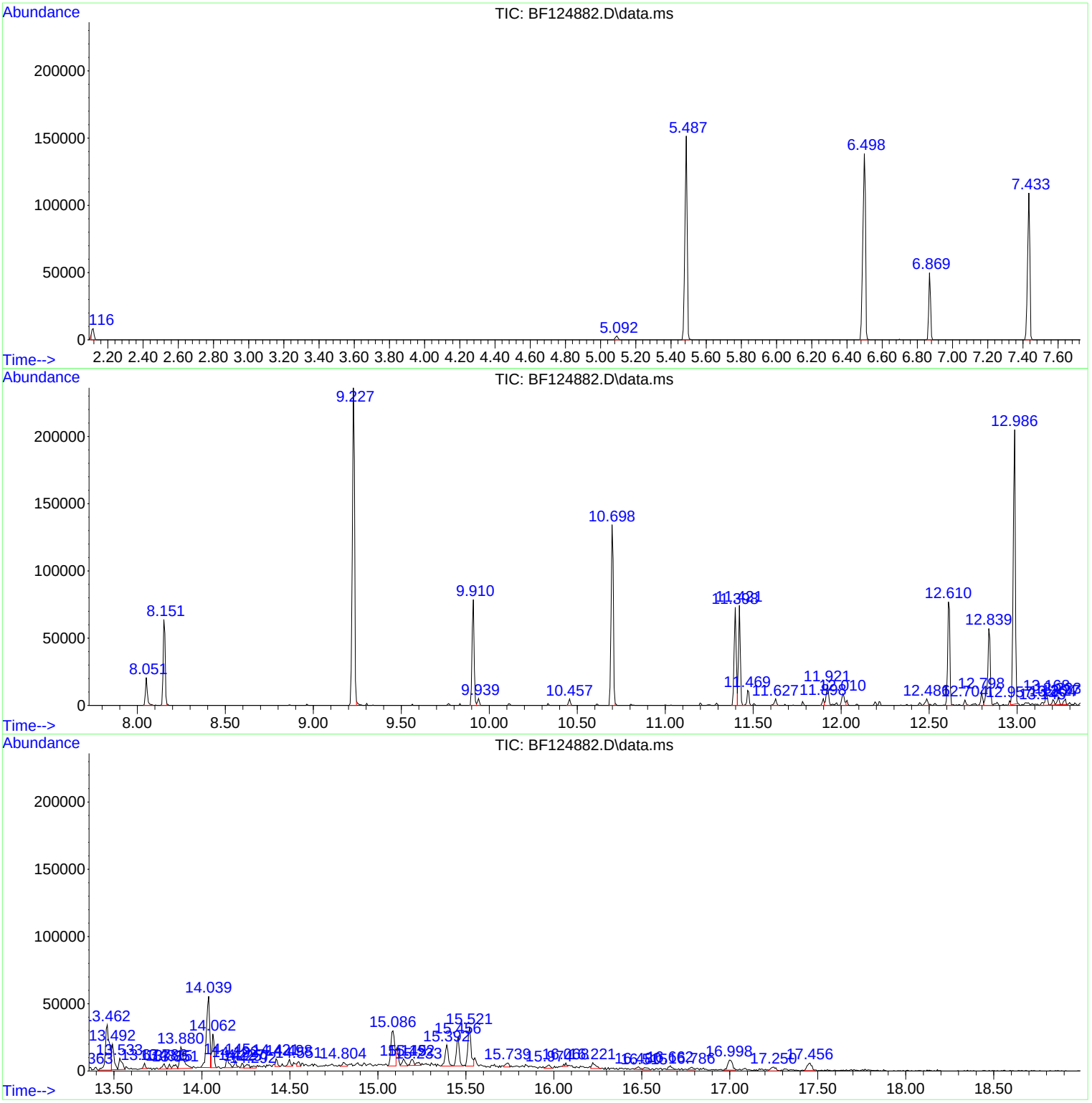
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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\BF073021\
Data File : BF124882.D
Acq On : 30 Jul 2021 18:26
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Instrument :
BNA_F
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SB-4(1.0-2.0)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

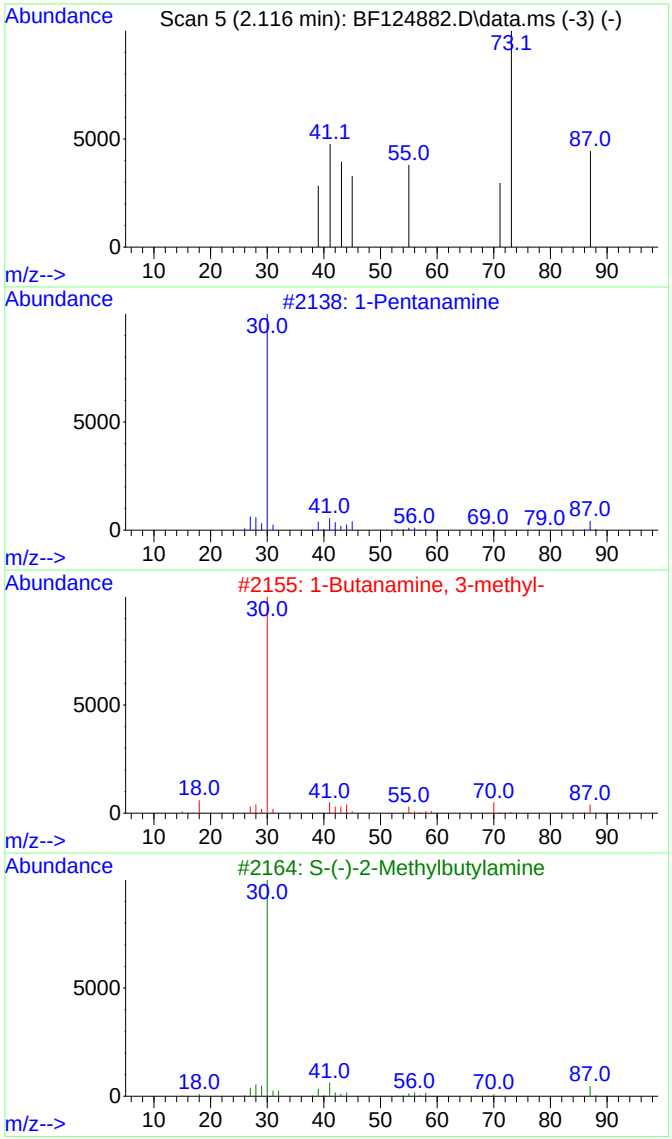
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

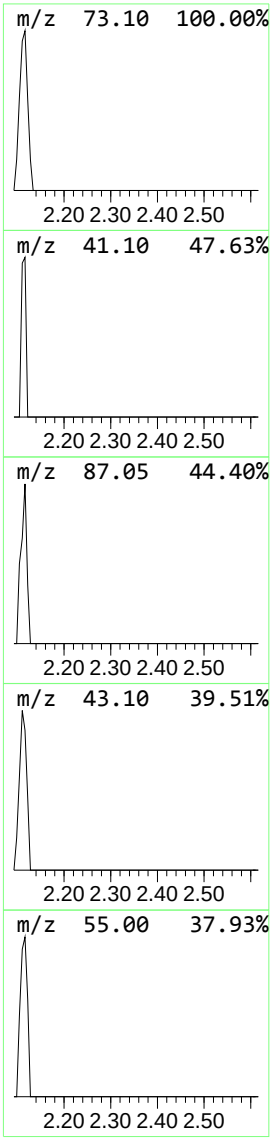
****

Peak Number 1 unknown2.116 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	3.95 ng	7151	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanamine	87	C5H13N	000110-58-7	7
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
3	S-(-)-2-Methylbutylamine	87	C5H13N	020626-52-2	4
4	Isobutylamine	73	C4H11N	000078-81-9	4
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124882.D
Acq On : 30 Jul 2021 18:26
Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

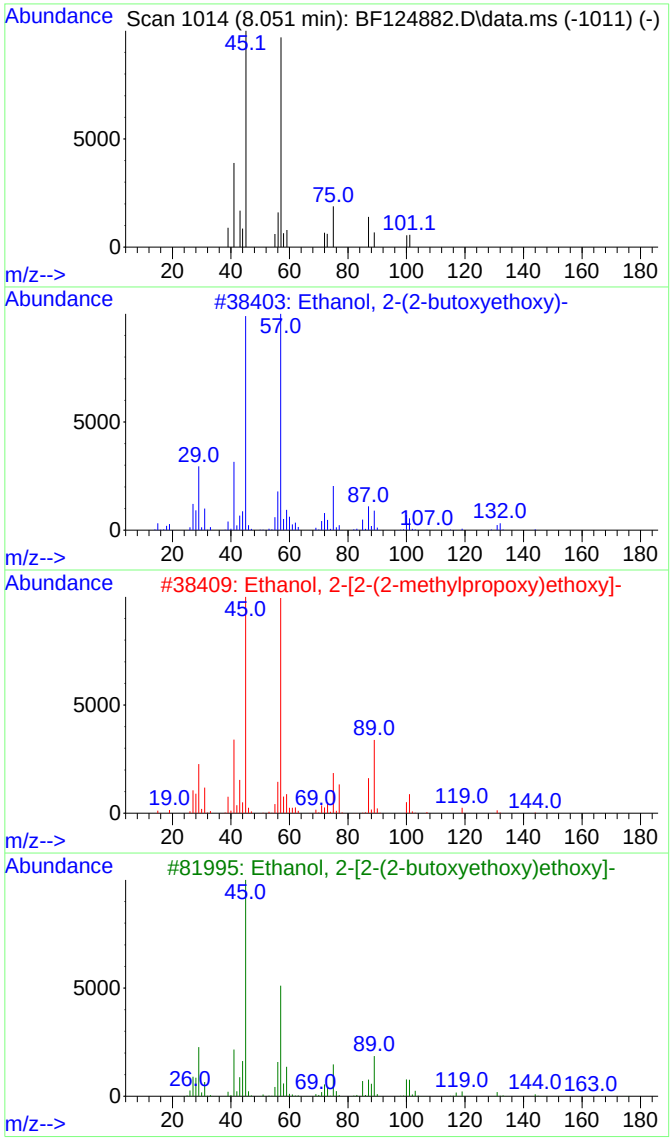
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

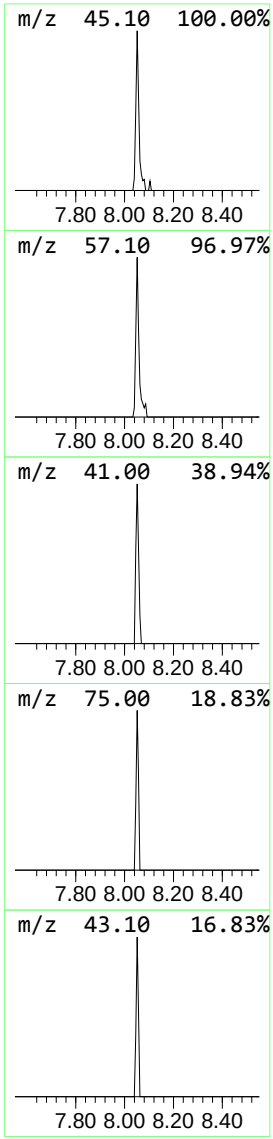
****

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	6.21 ng	16021	Naphthalene-d8	8.151

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	72
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	39
4	Ethylene glycol diglycidyl ether	174	C8H14O4	002224-15-9	39
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124882.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

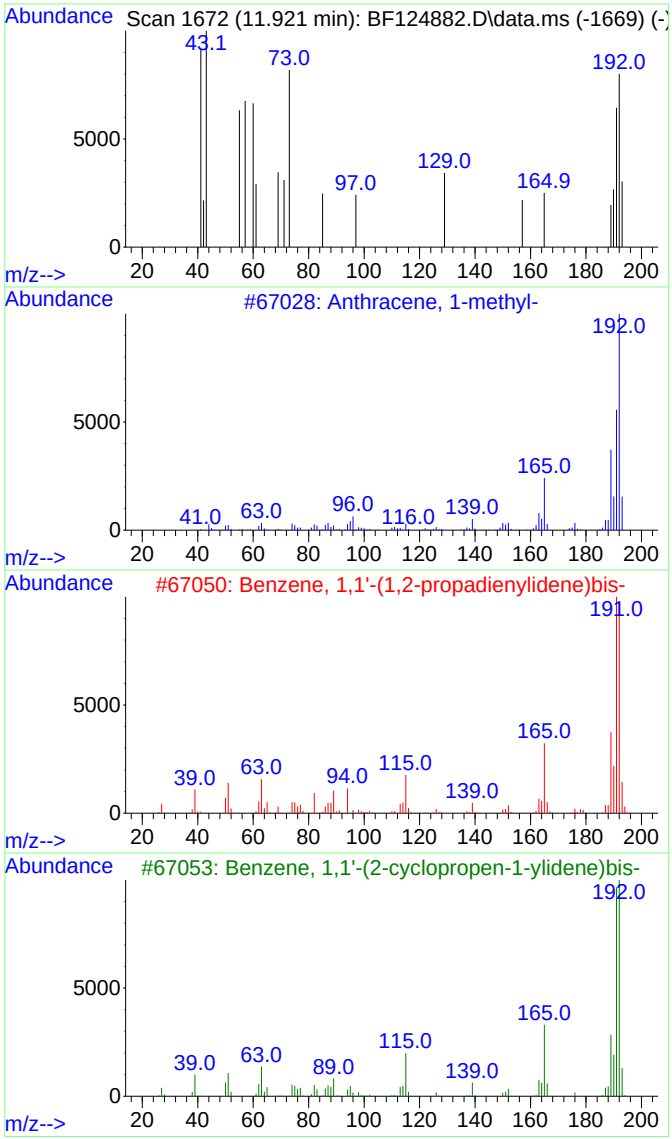
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

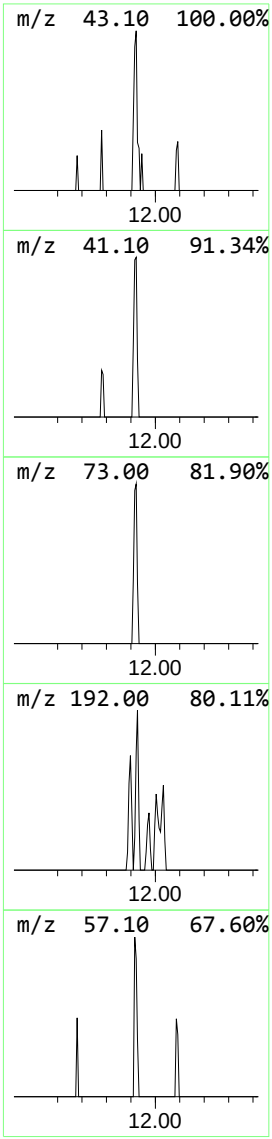
****

Peak Number 3 unknown11.921 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	4.55 ng	13977	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	32
2	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	32
3	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	32
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	32
5	Lactose	342	C12H22O11	000063-42-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
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SB-4(1.0-2.0)

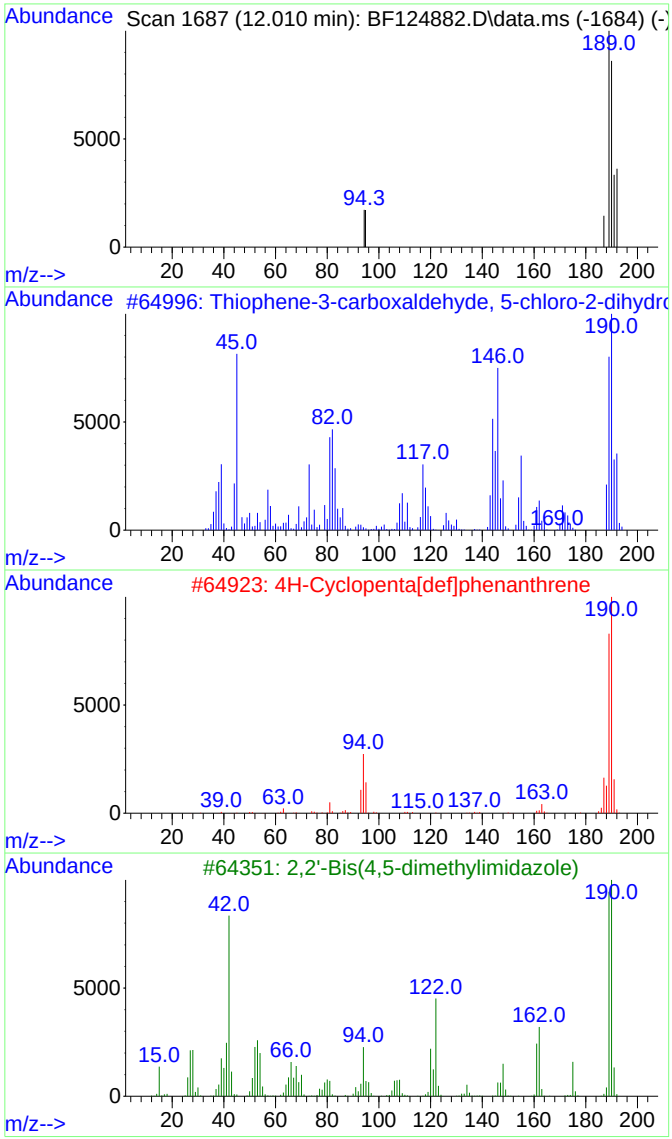
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

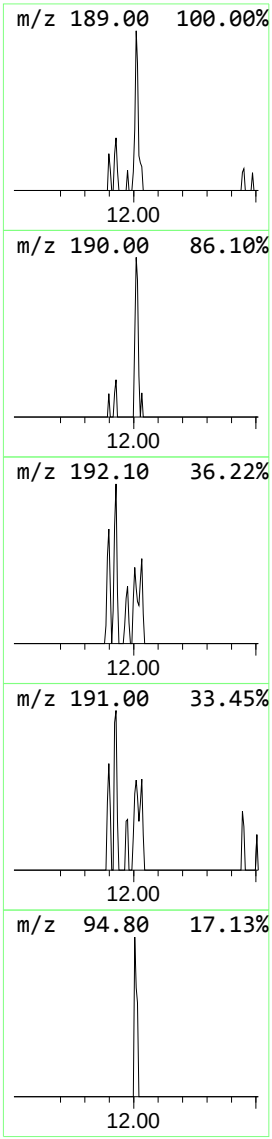
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Thiophene-3-carboxaldehyde,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	3.15 ng	9673	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	56
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
5	4-Ethylthio-5-chloro-pyrimidin-2...	190	C6H7ClN2OS	106146-84-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124882.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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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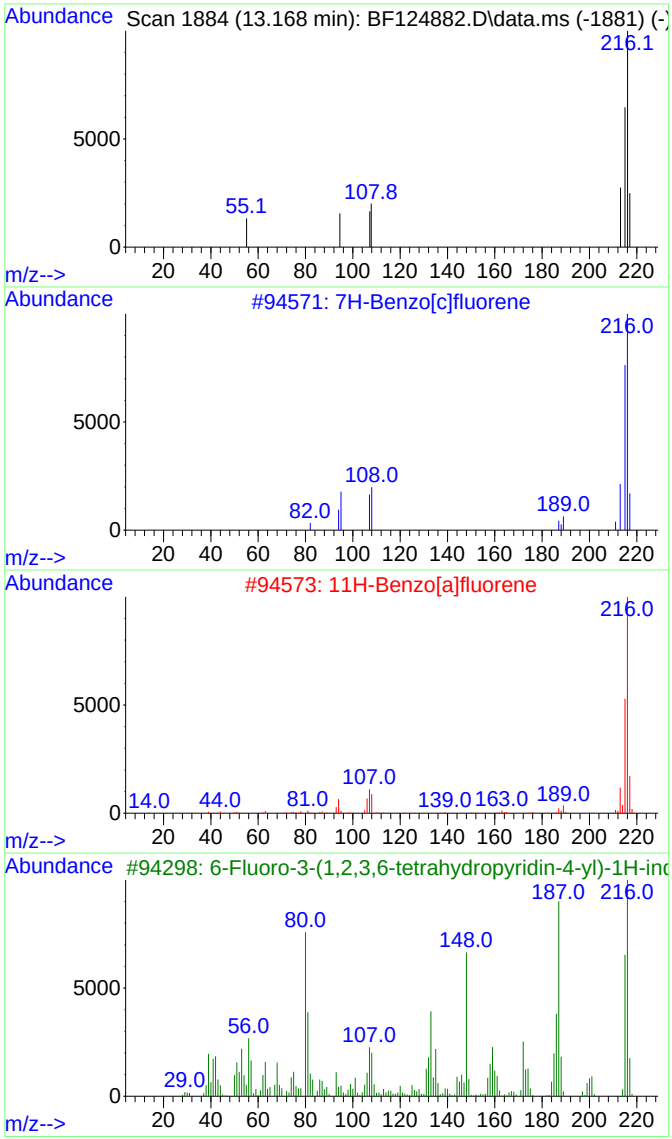
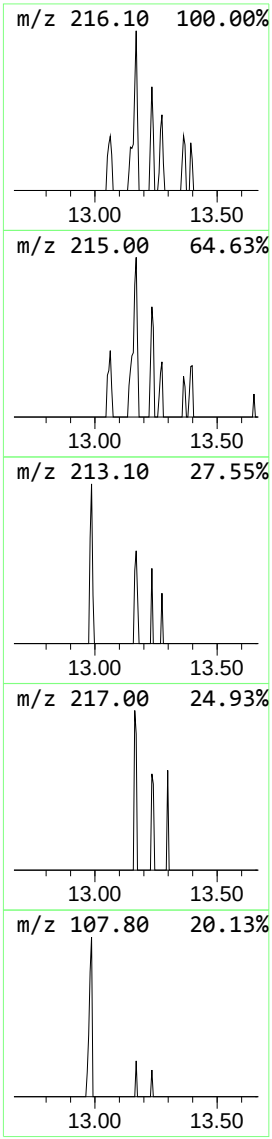
Peak Number 5 7H-Benzo[c]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.168	2.05 ng	6999	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
3	6-Fluoro-3-(1,2,3,6-tetrahydropy...	216	C13H13FN2	180161-14-2	64
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	50
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50





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Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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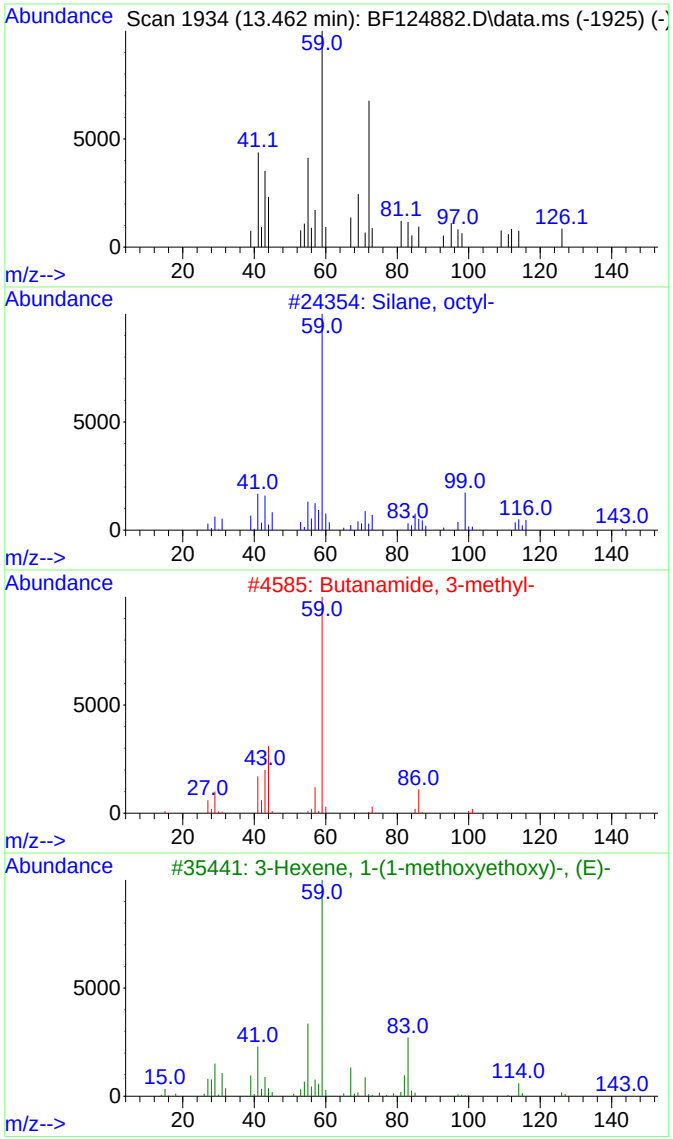
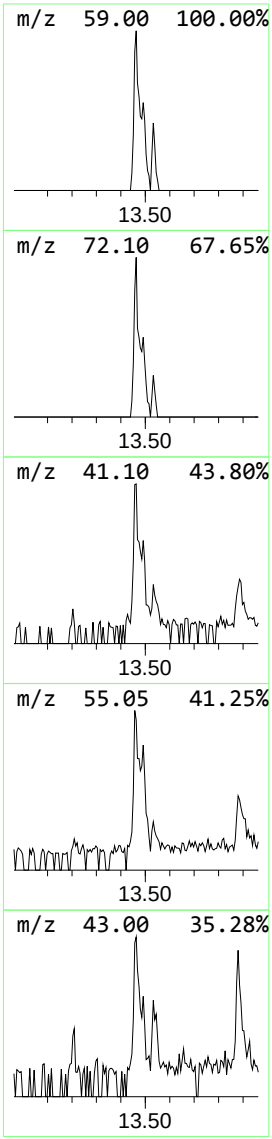
Peak Number 6 unknown13.463 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	16.53 ng	56429	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, octyl-	144	C8H20Si	000871-92-1	43
2	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	28
3	3-Hexene, 1-(1-methoxyethoxy)-, ...	158	C9H18O2	054340-97-5	25
4	Butyldimethylsilane	116	C6H16Si	1000434-38-3	25
5	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124882.D
Acq On : 30 Jul 2021 18:26
Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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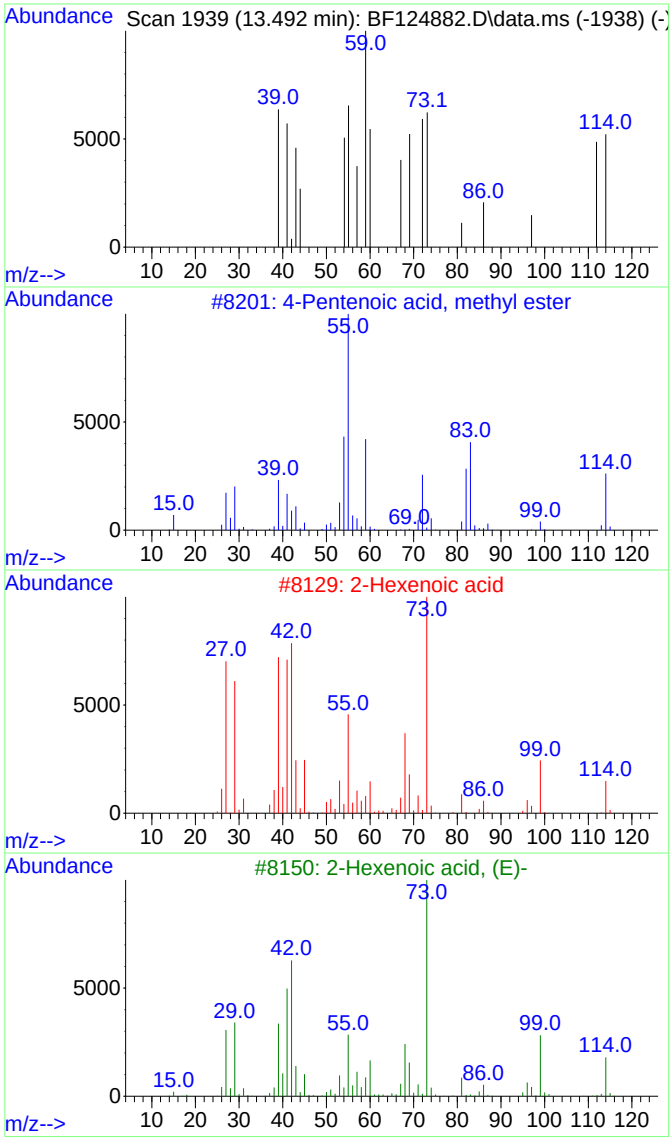
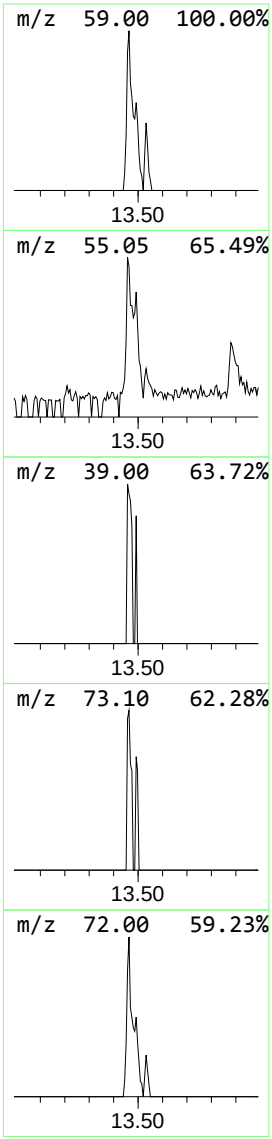
Peak Number 7 unknown13.492 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.492	4.45 ng	15190	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenoic acid, methyl ester	114	C6H10O2	000818-57-5	17
2	2-Hexenoic acid	114	C6H10O2	001191-04-4	14
3	2-Hexenoic acid, (E)-	114	C6H10O2	013419-69-7	12
4	Cyclohexanone, hydrazone	112	C6H12N2	006156-08-7	10
5	3-Hexenoic acid, (E)-	114	C6H10O2	001577-18-0	10





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Data File : BF124882.D
Acq On : 30 Jul 2021 18:26
Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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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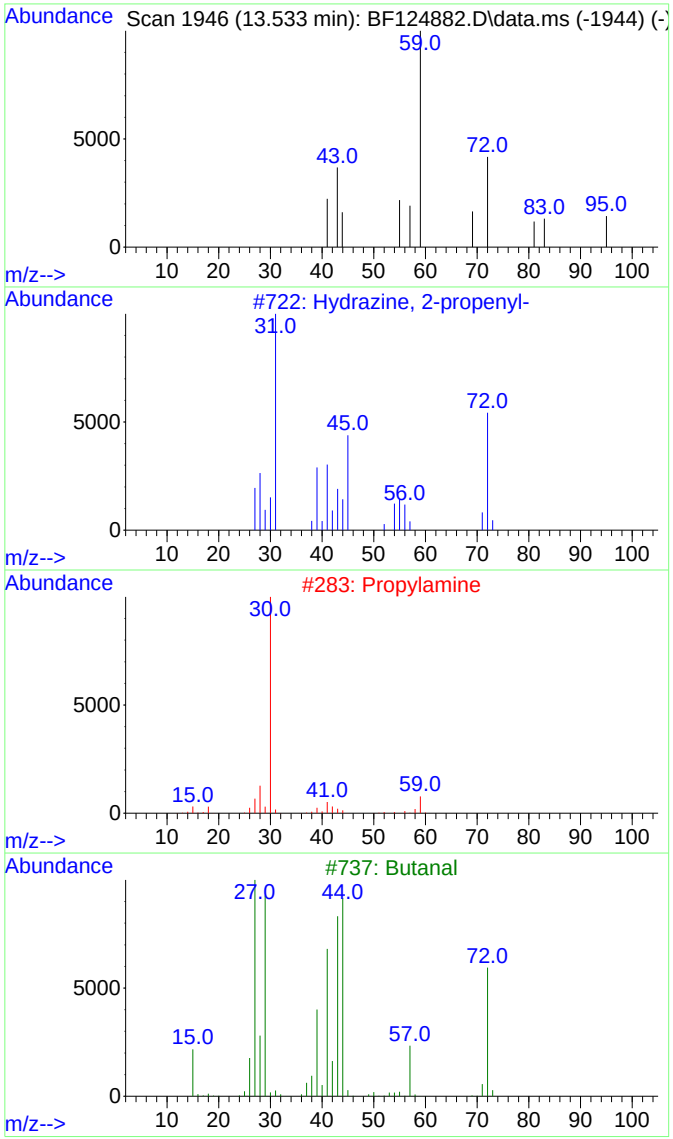
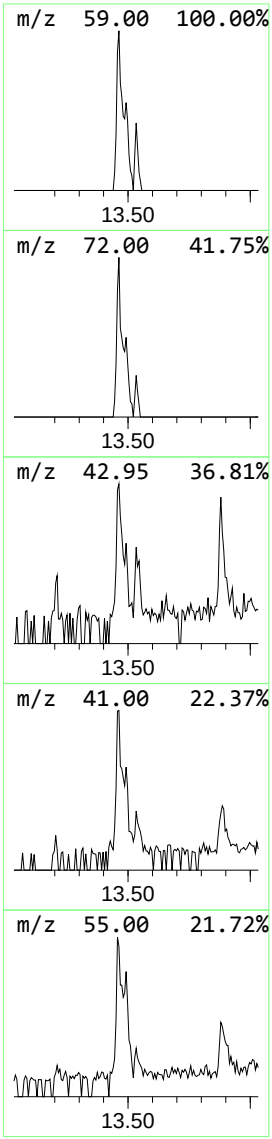
Peak Number 8 unknown13.533 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.533	3.15 ng	10752	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 2-propenyl-	72	C3H8N2	007422-78-8	4
2	Propylamine	59	C3H9N	000107-10-8	4
3	Butanal	72	C4H8O	000123-72-8	4
4	Carbonic acid, 2-ethoxyethyl 2-m...	192	C8H16O5	1000331-46-1	4
5	2-Propanone, hydrazone	72	C3H8N2	005281-20-9	4





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Data File : BF124882.D
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Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

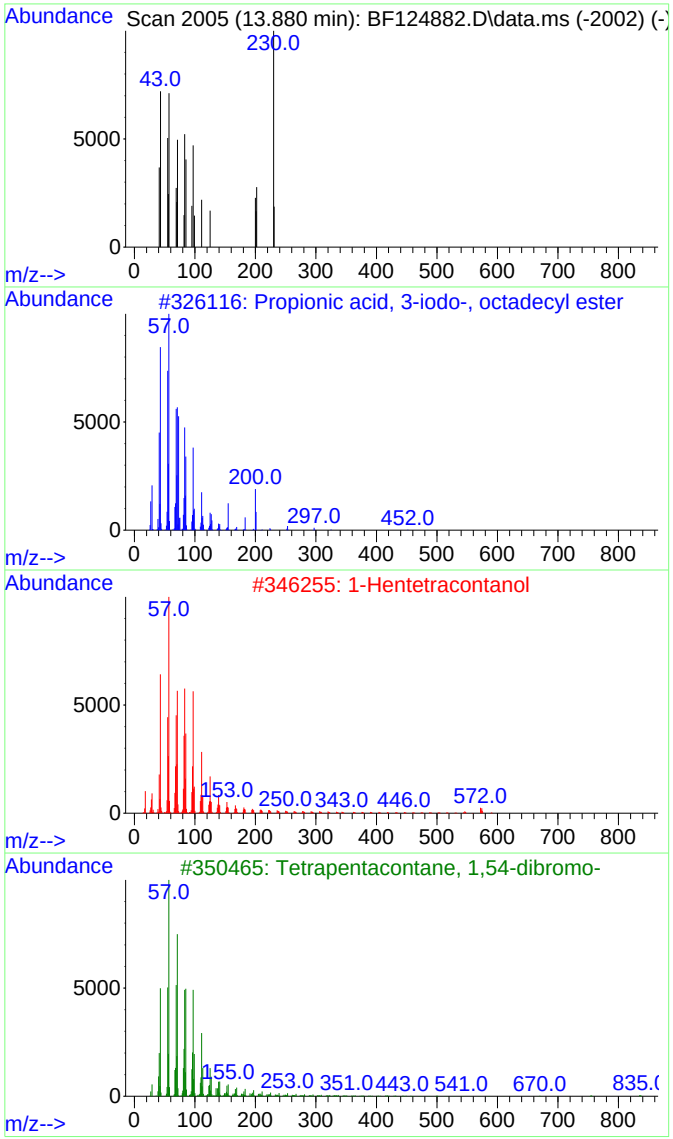
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

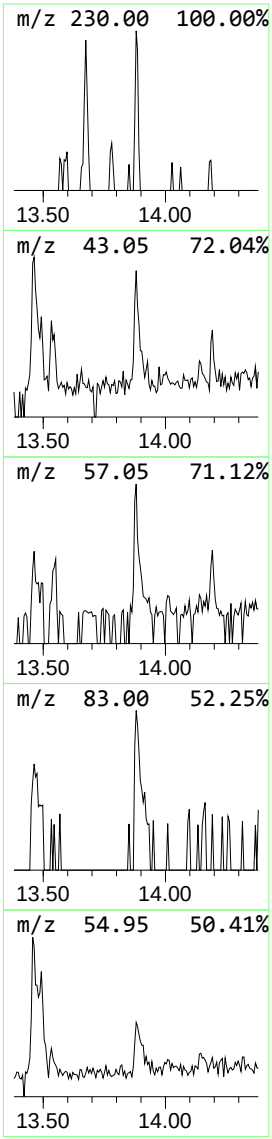
****

Peak Number 9 unknown13.880 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	7.37 ng	25170	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propionic acid, 3-iodo-, octadec...	452	C21H41IO2	1000406-24-9	47
2	1-Hentetracontanol	593	C41H84O	040710-42-7	38
3	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	38
4	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	38
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38





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Acq On : 30 Jul 2021 18:26
Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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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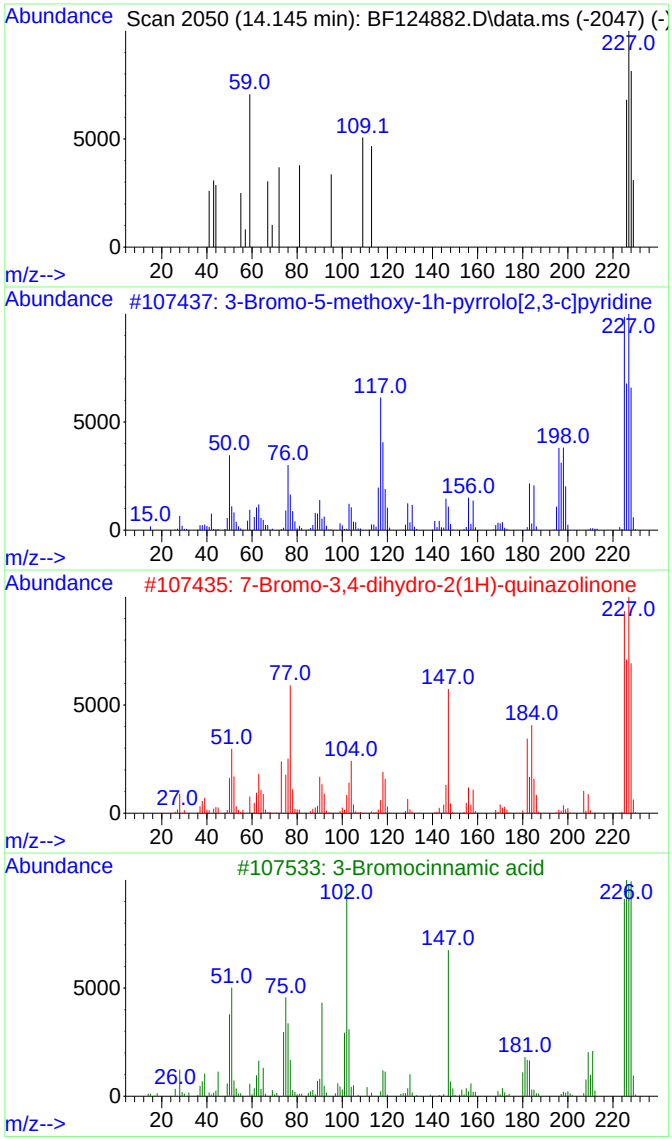
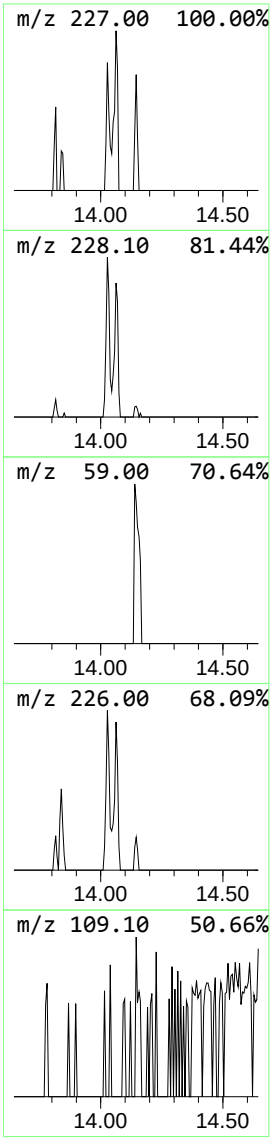
Peak Number 10 unknown14.145 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.145	2.46 ng	8406	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-5-methoxy-1h-pyrrolo[2,3...	226	C8H7BrN2O	1204298-60-1	32
2	7-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1207175-68-5	32
3	3-Bromocinnamic acid	226	C9H7BrO2	032862-97-8	32
4	5-[3-(Difluoromethoxy)phenyl]-1,...	227	C9H7F2N3O2	1039899-32-5	9
5	Acetic acid, bromo-, methyl ester	152	C3H5BrO2	000096-32-2	9





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Data File : BF124882.D
Acq On : 30 Jul 2021 18:26
Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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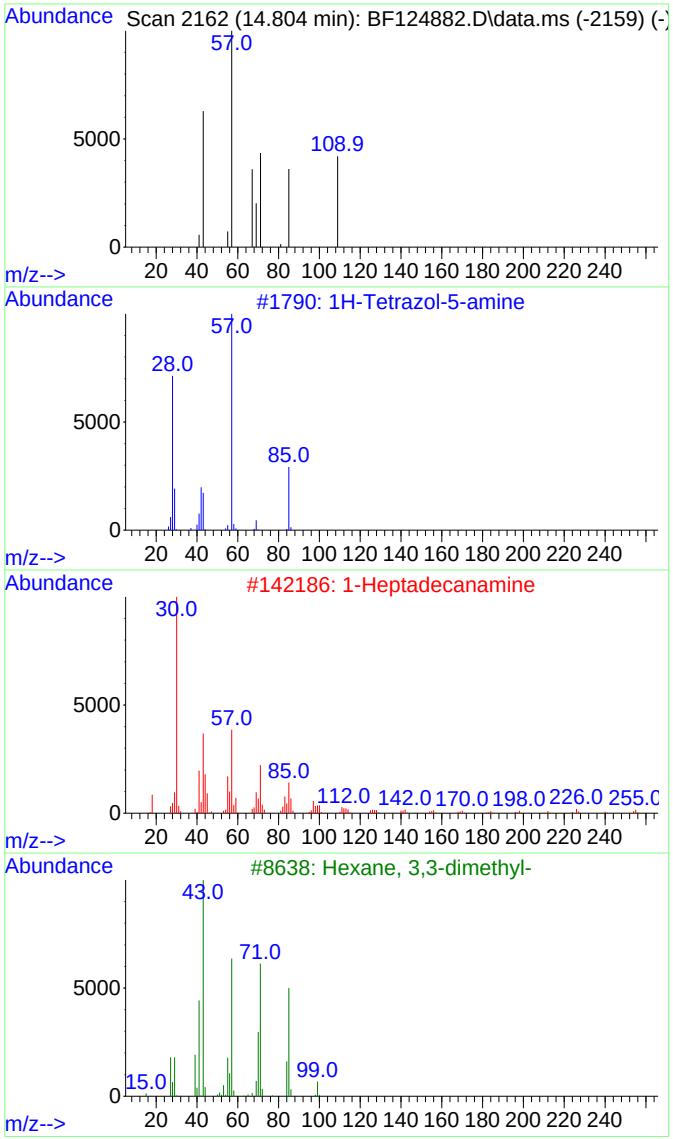
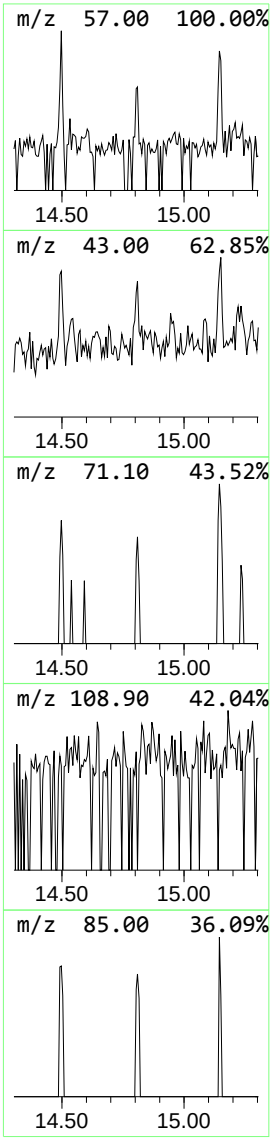
Peak Number 11 unknown14.804 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	2.22 ng	4060	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Tetrazol-5-amine	85	CH3N5	004418-61-5	4
2	1-Heptadecanamine	255	C17H37N	004200-95-7	4
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	4
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	4
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	4





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Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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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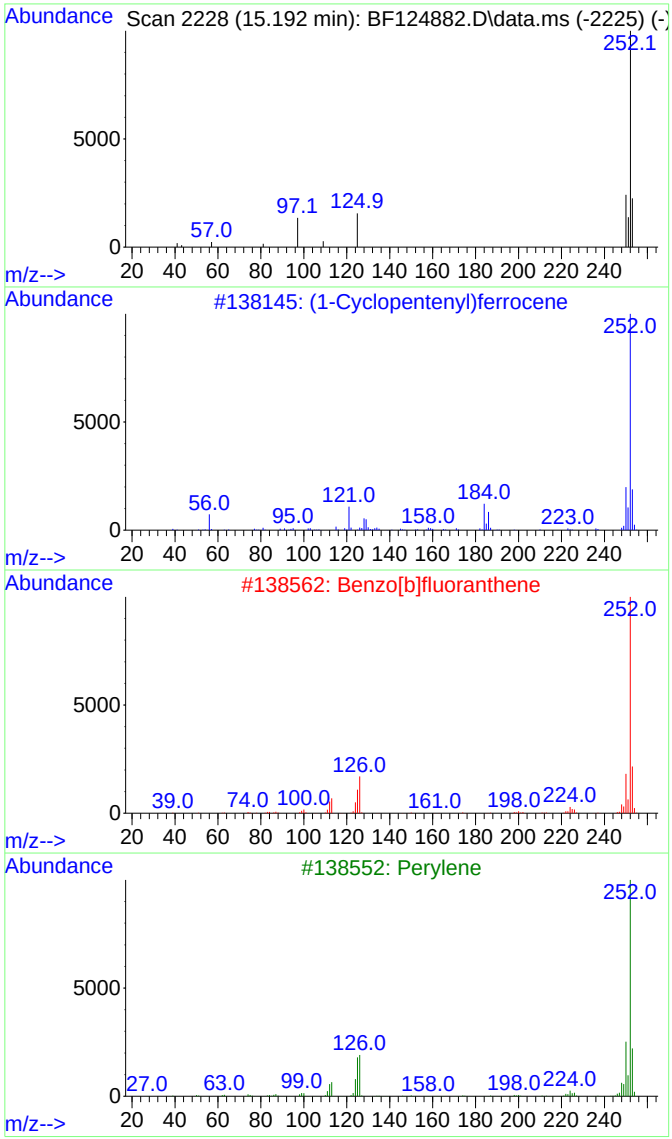
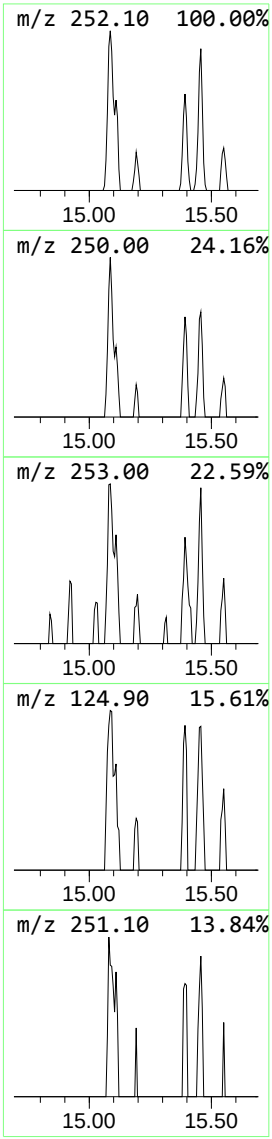
Peak Number 12 (1-Cyclopentenyl)ferrocene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	3.03 ng	5558	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	59
3	Perylene	252	C20H12	000198-55-0	59
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	59
5	Benzo[a]pyrene	252	C20H12	000050-32-8	59





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Acq On : 30 Jul 2021 18:26
Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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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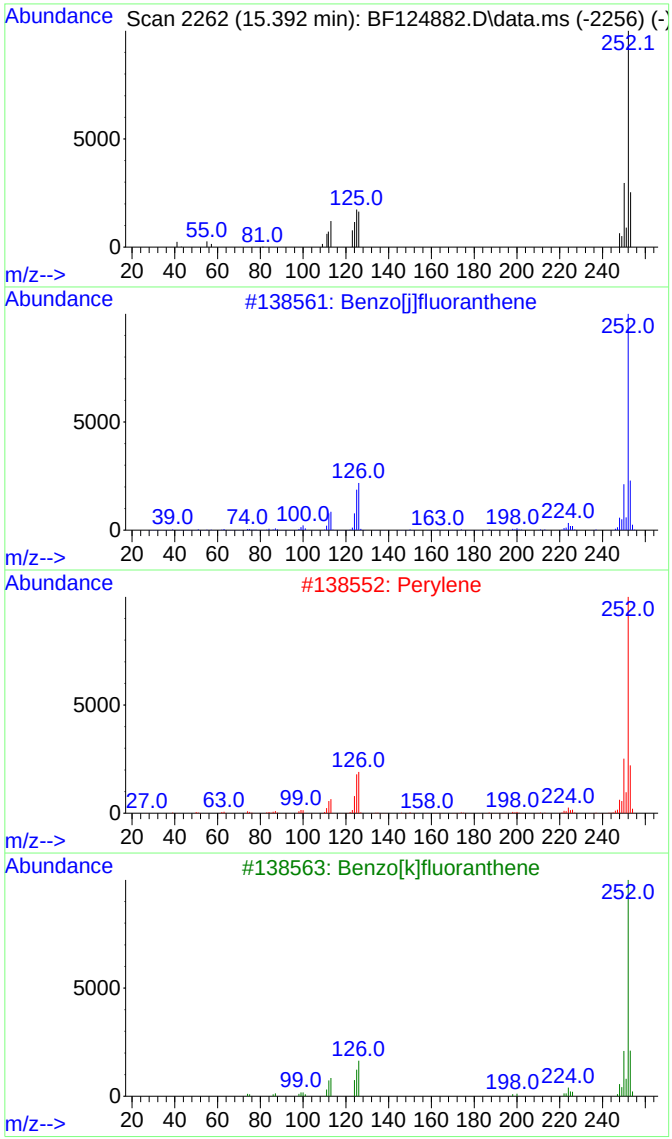
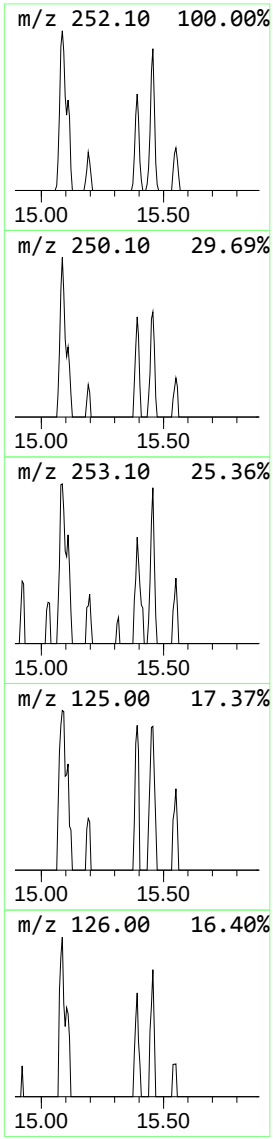
Peak Number 13 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	10.88 ng	19930	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	87
2	Perylene	252	C20H12	000198-55-0	87
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	87
4	Benzo[e]pyrene	252	C20H12	000192-97-2	87
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	87





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Data File : BF124882.D
Acq On : 30 Jul 2021 18:26
Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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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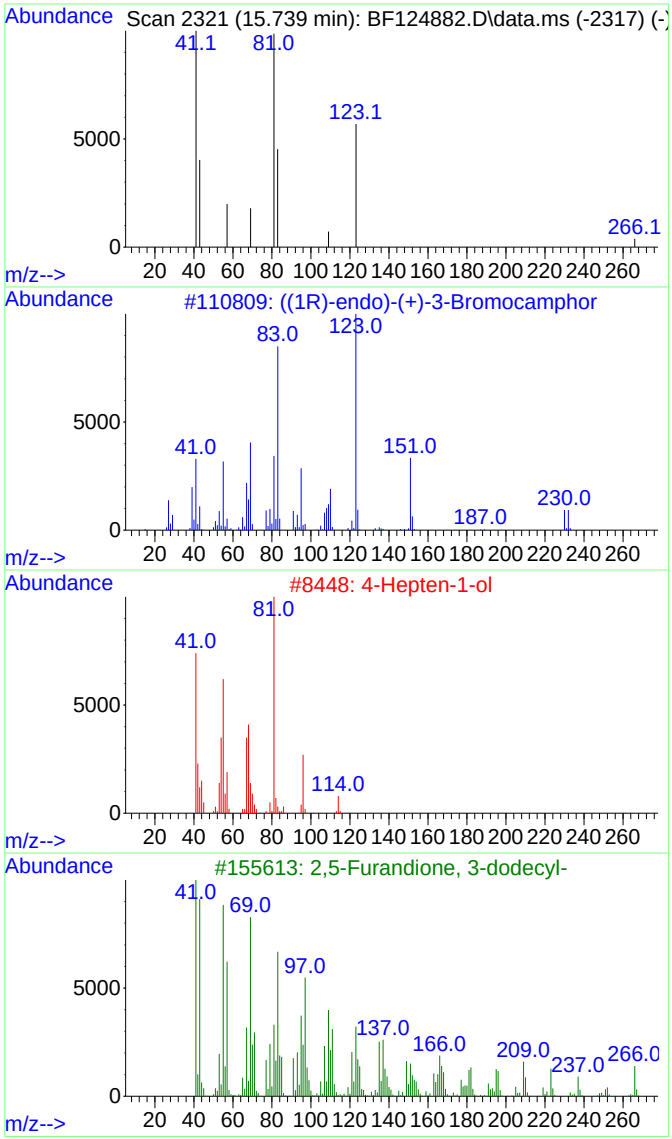
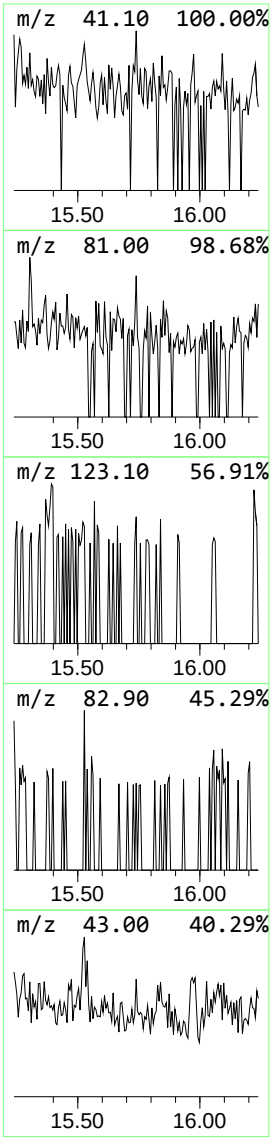
Peak Number 14 unknown15.739 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.739	2.21 ng	4046	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	((1R)-endo)-(+)-3-Bromocamphor	230	C10H15BrO	010293-06-8	9
2	4-Hepten-1-ol	114	C7H14O	020851-55-2	9
3	2,5-Furandione, 3-dodecyl-	266	C16H26O3	059426-46-9	5
4	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	5
5	Benzoic acid, 4-fluoro-, 2-napht...	266	C17H11FO2	090172-41-1	4





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Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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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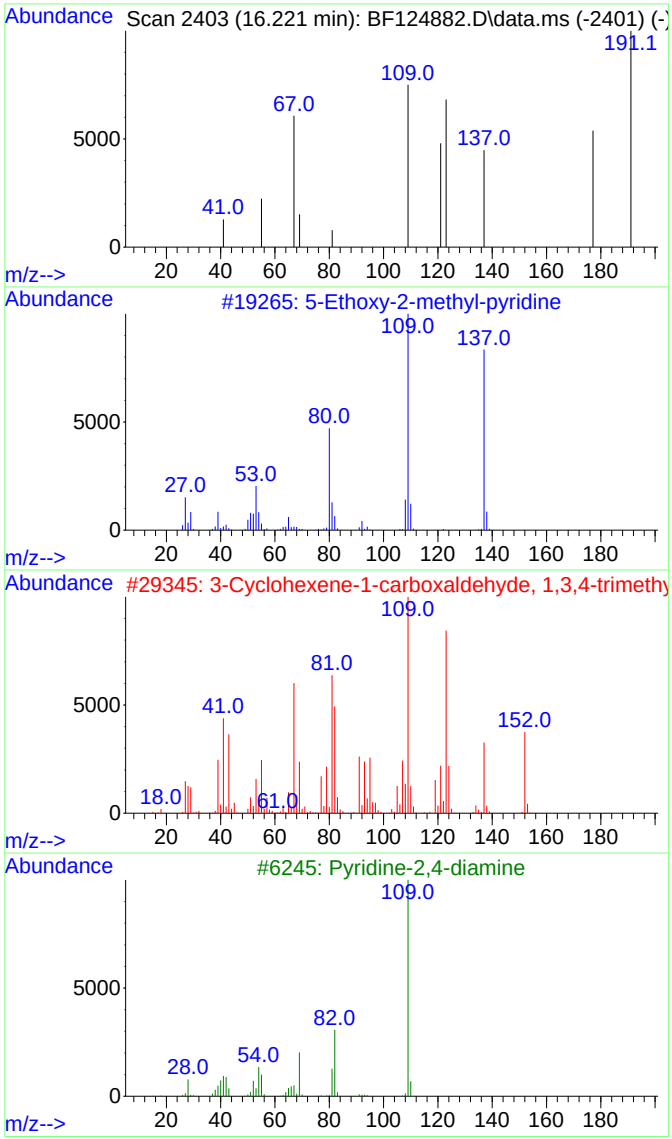
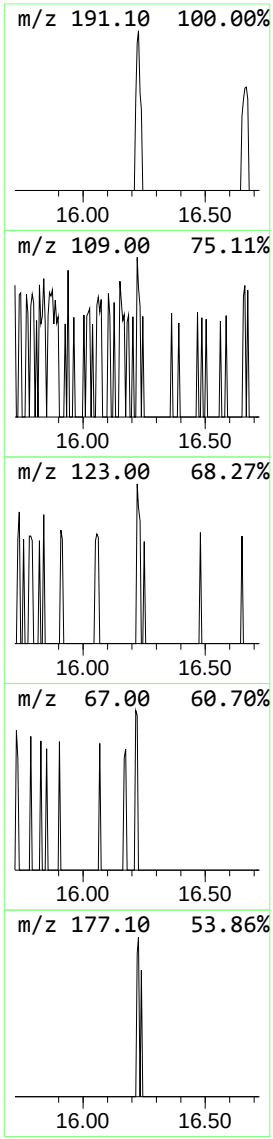
Peak Number 15 unknown16.221 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	3.46 ng	6331	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethoxy-2-methyl-pyridine	137	C8H11NO	055270-48-9	9
2	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	9
3	Pyridine-2,4-diamine	109	C5H7N3	000461-88-1	7
4	Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	5
5	4,5,6,7-Tetrahydro-3-indolinone	137	C8H11NO	058074-25-2	5





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Acq On : 30 Jul 2021 18:26
Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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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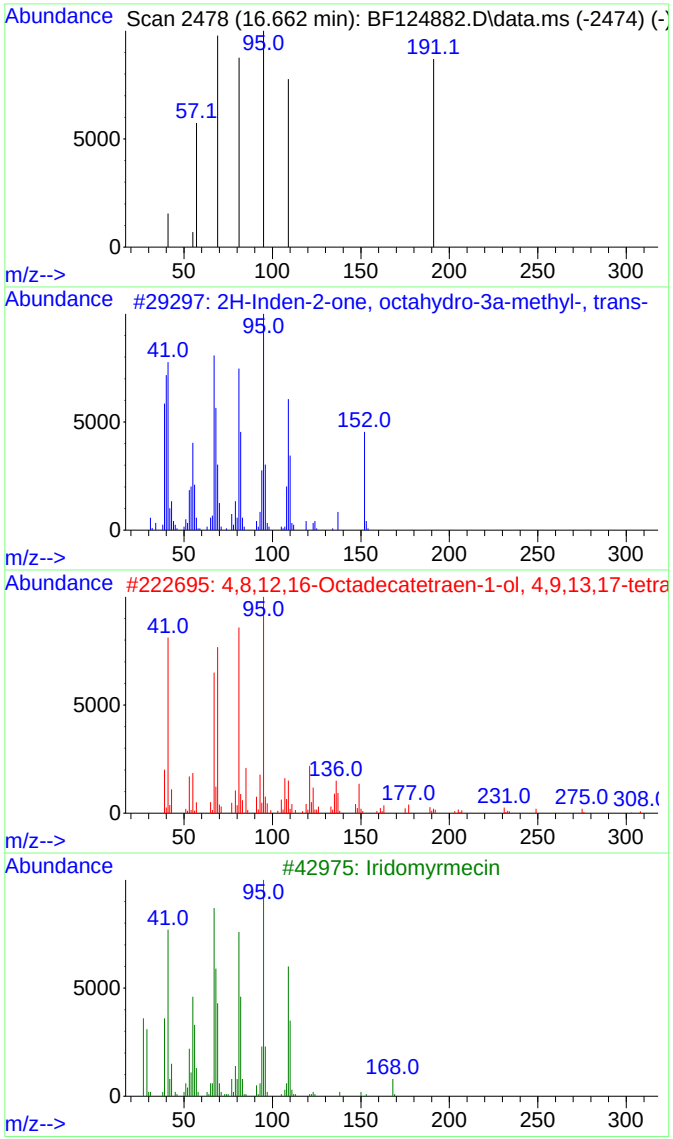
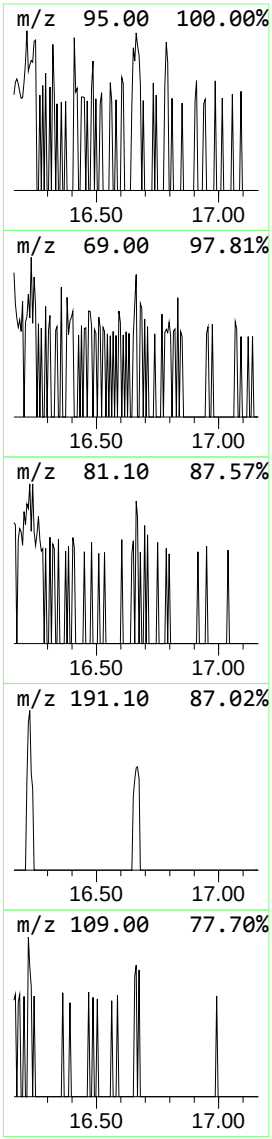
Peak Number 16 unknown16.662 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.662	2.32 ng	4243	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	020379-99-1	9
2	4,8,12,16-Octadecatetraen-1-ol, ...	318	C22H38O	1000142-00-0	9
3	Iridomyrmecin	168	C10H16O2	000485-43-8	9
4	4-Pyridinol	95	C5H5NO	000626-64-2	4
5	3-Pyridinol	95	C5H5NO	000109-00-2	4





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Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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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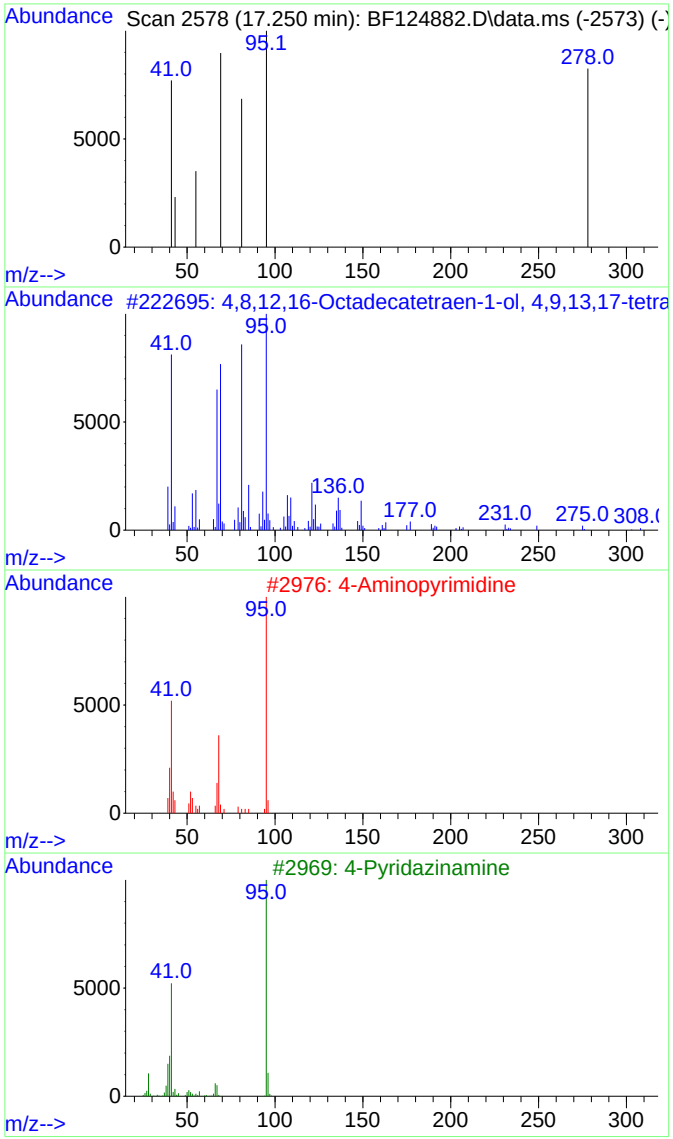
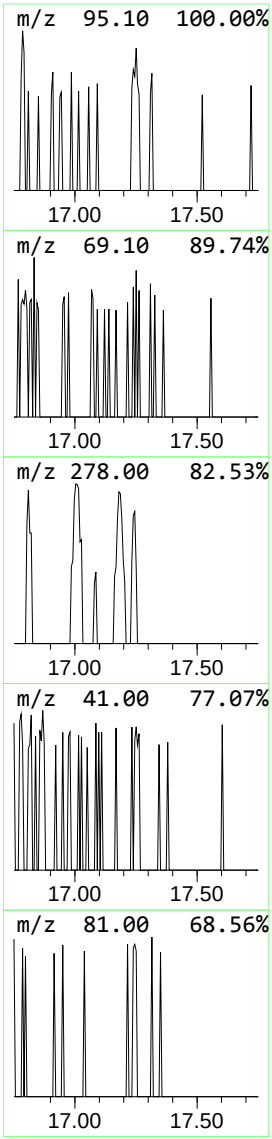
Peak Number 17 unknown17.250 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.250	3.28 ng	6004	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Octadecatetraen-1-ol, ...	318	C22H38O	1000142-00-0	9
2	4-Aminopyrimidine	95	C4H5N3	000591-54-8	4
3	4-Pyridazinamine	95	C4H5N3	020744-39-2	4
4	1H-1,2,4-Triazole, 1-vinyl-	95	C4H5N3	002764-83-2	4
5	Acetonitrile, 2,2'-iminobis-	95	C4H5N3	000628-87-5	4





Tentatively Identified Compound (LSC) summary

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Data File : BF124882.D
Acq On : 30 Jul 2021 18:26
Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(1.0-2.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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
unknown2.116	2.116	4.0	ng	7151	1	6.869	36230	20.0
Ethanol, 2-(2-b...	8.051	6.2	ng	16021	2	8.151	51632	20.0
unknown11.921	11.921	4.5	ng	13977	4	11.398	61483	20.0
Thiophene-3-car...	12.010	3.1	ng	9673	4	11.398	61483	20.0
7H-Benzo[c]fluo...	13.168	2.0	ng	6999	5	14.039	68270	20.0
unknown13.463	13.463	16.5	ng	56429	5	14.039	68270	20.0
unknown13.492	13.492	4.5	ng	15190	5	14.039	68270	20.0
unknown13.533	13.533	3.1	ng	10752	5	14.039	68270	20.0
unknown13.880	13.880	7.4	ng	25170	5	14.039	68270	20.0
unknown14.145	14.145	2.5	ng	8406	5	14.039	68270	20.0
unknown14.804	14.804	2.2	ng	4060	6	15.521	36641	20.0
(1-Cyclopenteny...	15.192	3.0	ng	5558	6	15.521	36641	20.0
Benzo[j]fluoran...	15.392	10.9	ng	19930	6	15.521	36641	20.0
unknown15.739	15.739	2.2	ng	4046	6	15.521	36641	20.0
unknown16.221	16.221	3.5	ng	6331	6	15.521	36641	20.0
unknown16.662	16.662	2.3	ng	4243	6	15.521	36641	20.0
unknown17.250	17.250	3.3	ng	6004	6	15.521	36641	20.0