LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126672.D
Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

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-BF011822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126672.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.305	30	37	45	rVB	300717	403830	11.08%	1.183%
2	4.104	338	343	348	rBV	34223	41157	1.13%	0.121%
3	5.210	525	531	535	rVB	37120	45124	1.24%	0.132%
4	5.581	589	594	598	rBV	3159895	3447663	94.61%	10.099%
5	6.581	757	764	767	rBV	3100626	3644188	100.00%	10.675%
6	6.963	825	829	832	rBV	973234	766342	21.03%	2.245%
7	7.522	919	924	927	rBV	2259475	2384171	65.42%	6.984%
8	8.134	1026	1028	1036	rBV	38153	38181	1.05%	0.112%
9	8.245	1043	1047	1049	rBV	1172402	984104	27.00%	2.883%
10	8.263	1049	1050	1053	rVB	69116	46377	1.27%	0.136%
11	9.322	1225	1230	1233	rBV	3984858	3606482	98.97%	10.564%
12	9.392	1239	1242	1244	rVB	65673	45610	1.25%	0.134%
13	10.004	1342	1346	1349	rBV	1316322	1069343	29.34%	3.132%
14	10.322	1395	1400	1402	rBV2	78159	111996	3.07%	0.328%
15	10.422	1411	1417	1420	rVB4	46639	65868	1.81%	0.193%
16	10.551	1435	1439	1444	rVB2	40523	43862	1.20%	0.128%
17	10.792	1476	1480	1483	rBV	2342720	2113061	57.98%	6.190%
18	11.104	1527	1533	1535	rBV4	41446	50081	1.37%	0.147%
19	11.228	1550	1554	1556	rBV2	54762	53486	1.47%	0.157%
20	11.251	1556	1558	1563	rVB3	39963	41644	1.14%	0.122%
21	11.345	1569	1574	1577	rBV2	48088	68228	1.87%	0.200%
22	11.498	1596	1600	1602	rBV	1106242	1016736	27.90%	2.978%
23	11.522	1602	1604	1607	rVV	345287	276490	7.59%	0.810%
24	11.569	1607	1612	1615	rVB	186070	154163	4.23%	0.452%
25	11.739	1636	1641	1645	rBV4	33346	56434	1.55%	0.165%
26	11.998	1679	1685	1688	rBV2	130656	168361	4.62%	0.493%
27	12.027	1688	1690	1693	rVV	166227	135428	3.72%	0.397%
28	12.075	1694	1698	1701	rVV	119852	116607	3.20%	0.342%
29	12.110	1701	1704	1706	rVV	181796	198920	5.46%	0.583%
30	12.133	1706	1708	1712	rVB	102216	84902	2.33%	0.249%
31	12.292	1729	1735	1738	rBV	78604	79296	2.18%	0.232%
32	12.445	1755	1761	1763	rBV2	58735	51025	1.40%	0.149%
33	12.551	1773	1779	1781	rBV	109588	137452	3.77%	0.403%
34	12.592	1781	1786	1787	rVV2	88102	114947	3.15%	0.337%
35	12.610	1787	1789	1791	rVV	67602	50866	1.40%	0.149%
36	12.633	1791	1793	1799	rVB2	47086	65321	1.79%	0.191%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126672.D
Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

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-BF011822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.716	1803	1807	1810	rBV	969206	780226	21.41%	2.285%
38	12.810	1820	1823	1825	rVB	79050	68920	1.89%	0.202%
39	12.922	1839	1842	1843	rBV	178876	151390	4.15%	0.443%
40	12.945	1843	1846	1851	rVV	706651	676327	18.56%	1.981%
41	12.992	1851	1854	1858	rVB2	78301	99458	2.73%	0.291%
42	13.086	1866	1870	1873	rVB	2883873	2533027	69.51%	7.420%
43	13.157	1877	1882	1889	rBV4	97207	179190	4.92%	0.525%
44	13.245	1894	1897	1899	rVV2	74671	93454	2.56%	0.274%
45	13.269	1899	1901	1905	rVB	243299	211607	5.81%	0.620%
46	13.339	1910	1913	1915	rBV	205221	174729	4.79%	0.512%
47	13.374	1915	1919	1922	rVB2	145608	161263	4.43%	0.472%
48	13.427	1926	1928	1932	rBV	36715	47876	1.31%	0.140%
49	13.469	1932	1935	1937	rBV	60997	48444	1.33%	0.142%
50	13.498	1937	1940	1943	rBV2	63299	68699	1.89%	0.201%
51	13.751	1980	1983	1986	rBV3	47343	59736	1.64%	0.175%
52	13.780	1986	1988	1992	rVB3	51705	63932	1.75%	0.187%
53	13.892	2002	2007	2010	rBV2	67682	82625	2.27%	0.242%
54	13.921	2010	2012	2014	rBV	82839	61471	1.69%	0.180%
55	13.980	2019	2022	2029	rVB2	191251	248967	6.83%	0.729%
56	14.063	2031	2036	2042	rBV4	30454	65291	1.79%	0.191%
57	14.145	2045	2050	2053	rVV2	957358	1360512	37.33%	3.985%
58	14.174	2053	2055	2060	rVB	480895	436637	11.98%	1.279%
59	14.292	2072	2075	2079	rVB	101461	94774	2.60%	0.278%
60	14.339	2080	2083	2085	rVB3	46765	48008	1.32%	0.141%
61	14.363	2085	2087	2092	rBV2	31107	47824	1.31%	0.140%
62	14.474	2102	2106	2108	rBV4	36100	45677	1.25%	0.134%
63	14.539	2112	2117	2121	rVV	173310	229844	6.31%	0.673%
64	14.574	2121	2123	2127	rVV	97278	97380	2.67%	0.285%
65	14.639	2127	2134	2137	rVV3	119625	209797	5.76%	0.615%
66	14.692	2141	2143	2147	rVB3	86032	84383	2.32%	0.247%
67	14.868	2167	2173	2174	rBV4	37688	62755	1.72%	0.184%
68	14.945	2183	2186	2190	rBV3	46235	62341	1.71%	0.183%
69	14.980	2190	2192	2196	rVB4	35153	38660	1.06%	0.113%
70	15.227	2229	2234	2237	rBV	362669	619319	16.99%	1.814%
71	15.304	2244	2247	2250	rVB2	46874	48058	1.32%	0.141%
72	15.339	2250	2253	2259	rVB	135490	155220	4.26%	0.455%
73	15.551	2282	2289	2295	rVB	215441	332460	9.12%	0.974%
74	15.615	2295	2300	2306	rVB	415062	526606	14.45%	1.543%
75	15.686	2306	2312	2315	rBV	503766	701190	19.24%	2.054%
76	15.715	2315	2317	2323	rVB2	133955	163959	4.50%	0.480%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126672.D
Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

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-BF011822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.063	2372	2376	2383	rVB3	20571	48961	1.34%	0.143%
78	16.145	2383	2390	2393	rBV5	22692	47147	1.29%	0.138%
79	16.192	2393	2398	2403	rVV5	31759	52615	1.44%	0.154%
80	16.274	2409	2412	2416	rVB3	37224	43436	1.19%	0.127%
81	16.433	2434	2439	2443	rBV4	25138	41464	1.14%	0.121%
82	17.051	2536	2544	2545	rBV2	28806	57348	1.57%	0.168%
83	17.239	2570	2576	2585	rVB2	150668	311748	8.55%	0.913%
84	17.433	2603	2609	2614	rBV3	50232	103428	2.84%	0.303%
85	17.492	2615	2619	2625	rVV3	31141	62023	1.70%	0.182%
86	17.627	2639	2642	2648	rVB8	29209	52699	1.45%	0.154%
87	17.715	2649	2657	2665	rBV2	89354	201194	5.52%	0.589%
88	17.962	2693	2699	2708	rBV	38054	96381	2.64%	0.282%

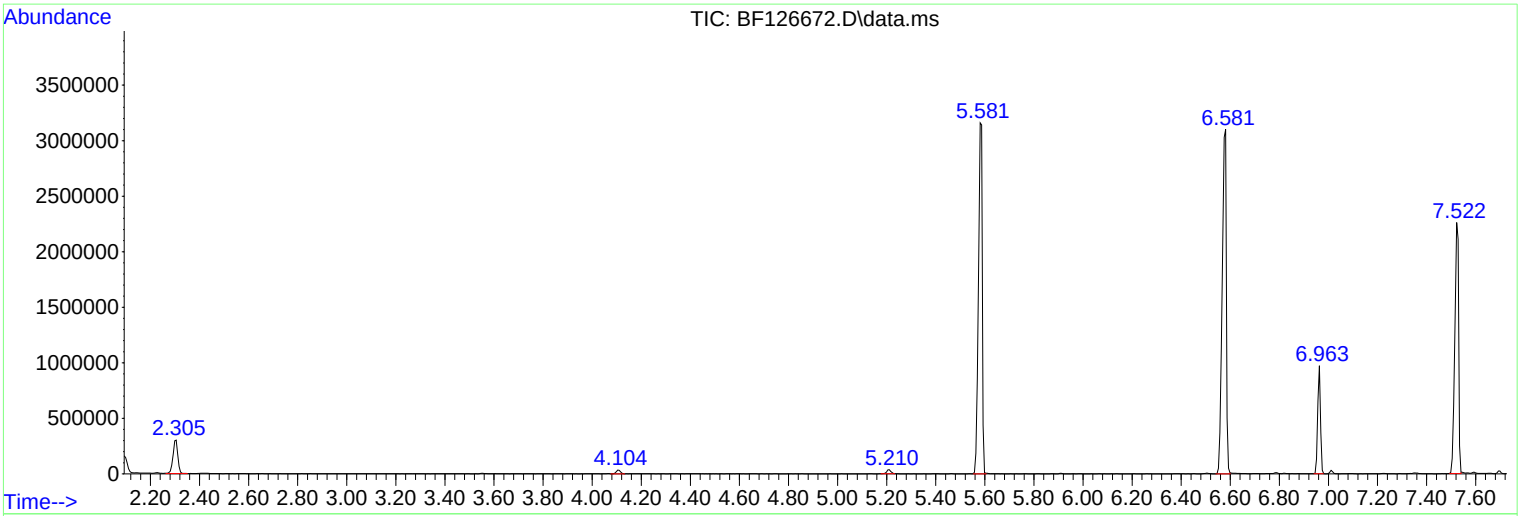
Sum of corrected areas: 34138226

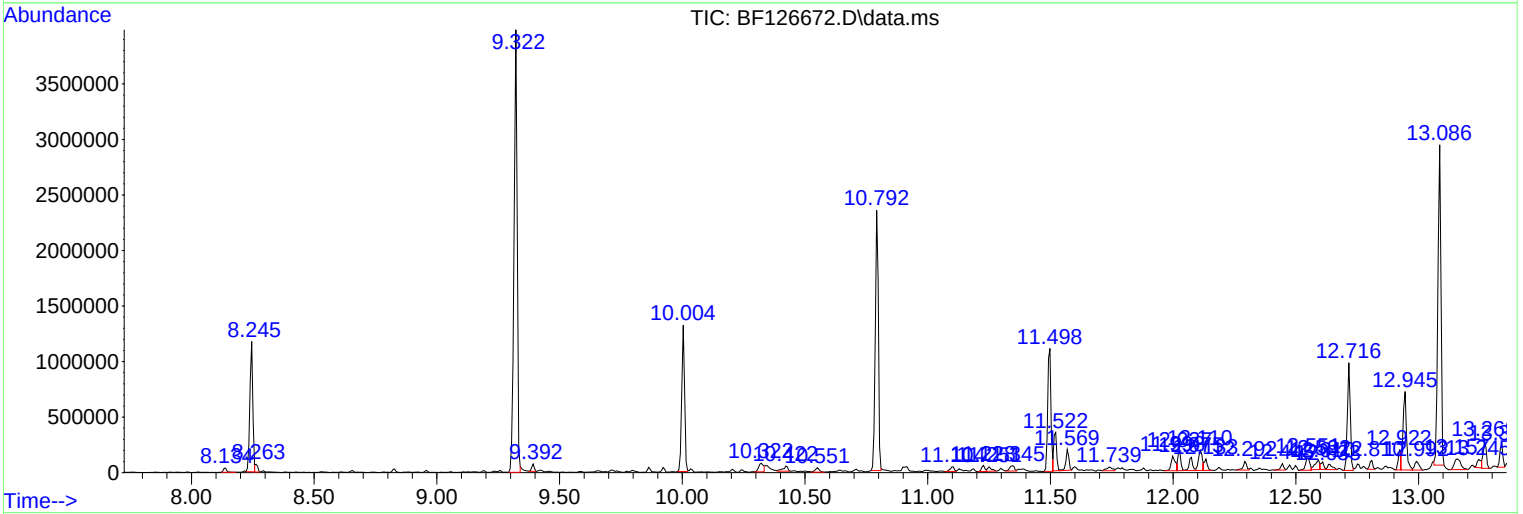
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126672.D
Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

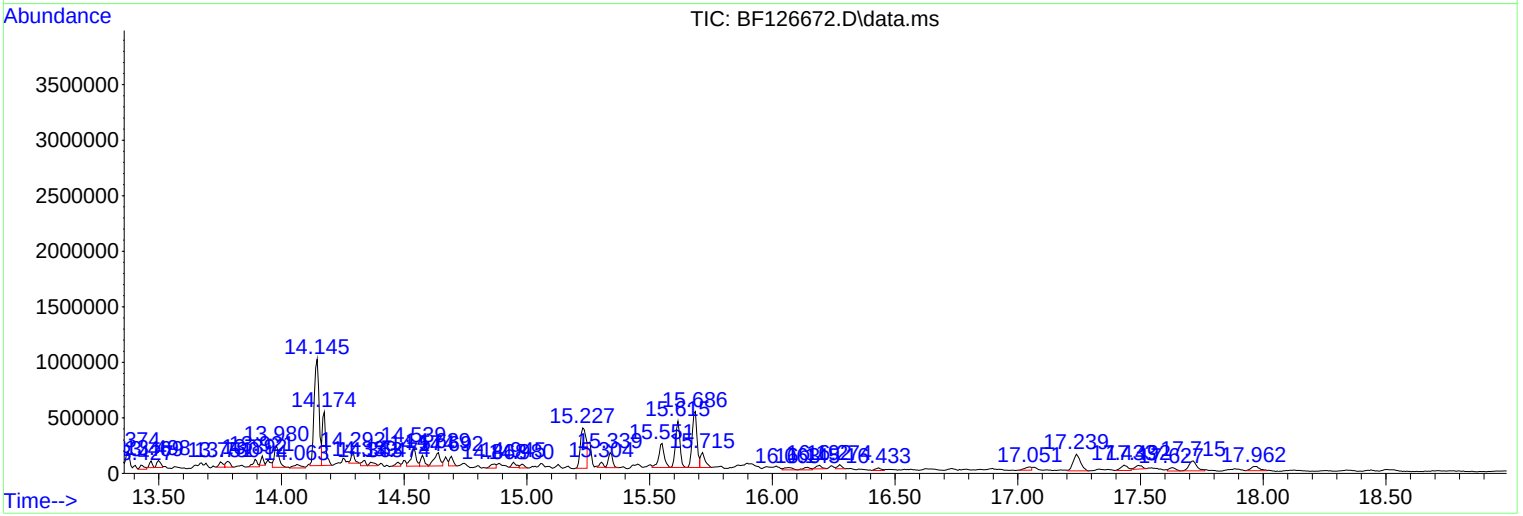
Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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\BF012522\
Data File : BF126672.D
Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

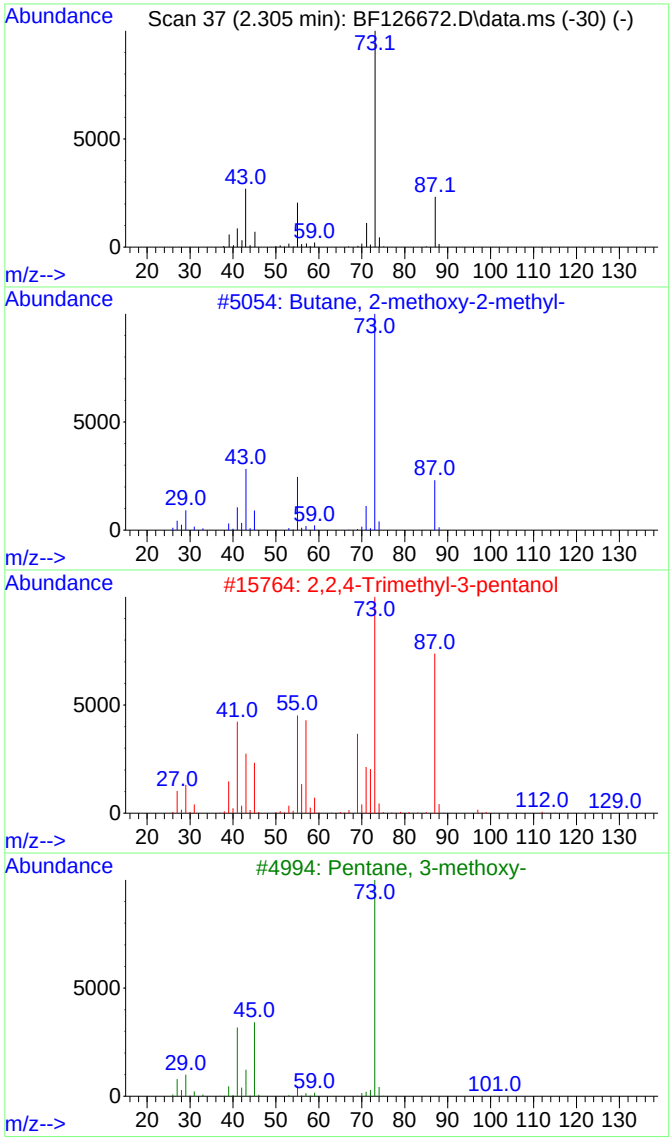
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

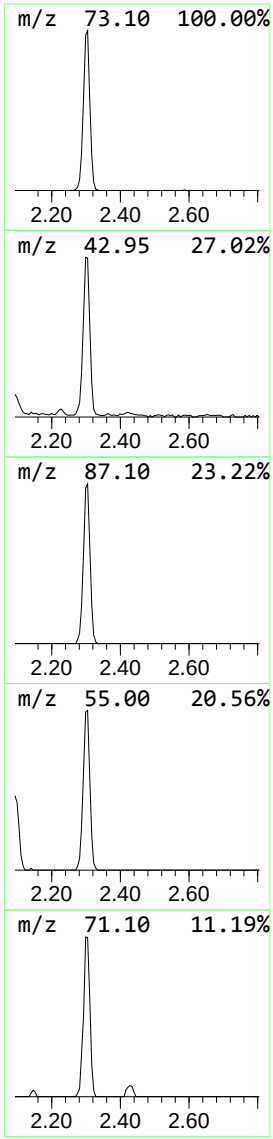
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.305	10.54 ng	403830	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126672.D
Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

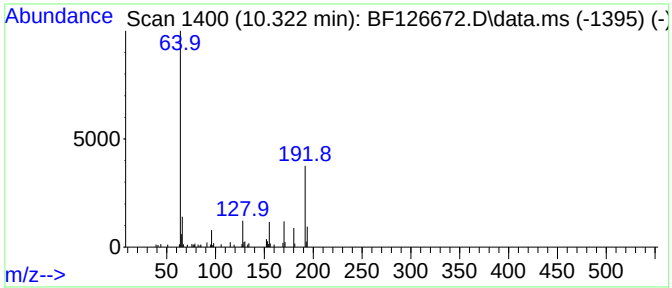
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

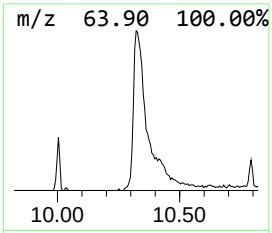
****

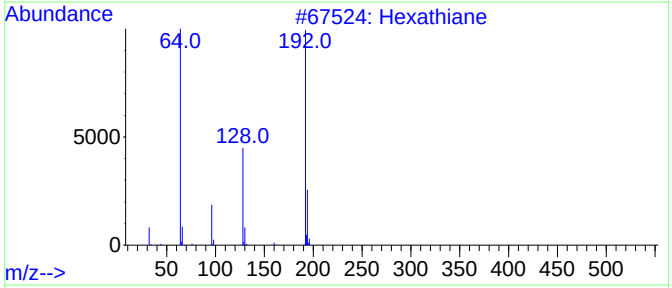
Peak Number 2 unknown10.322 Concentration Rank 19

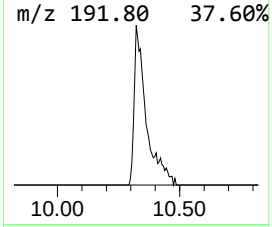
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	2.09 ng	111996	Acenaphthene-d10	10.004

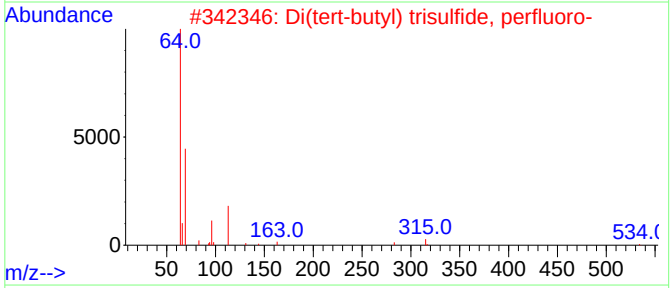
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexathiane	192	S6	013798-23-7	9
2	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	7
4	S-Methyl n-propylphosphonamidoth...	153	C4H12NOPS	1000306-04-5	4
5	2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1010256-39-2	4

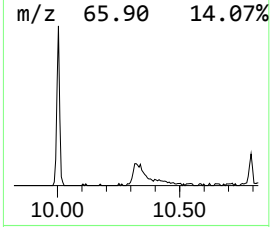


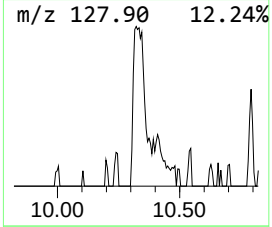


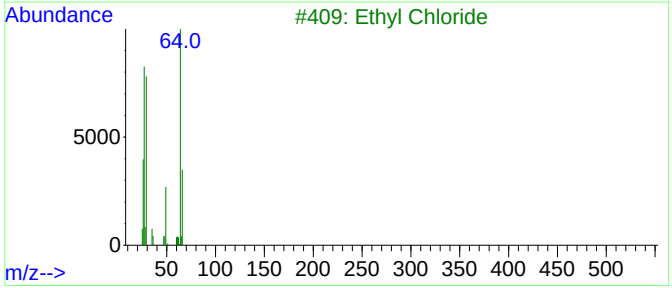


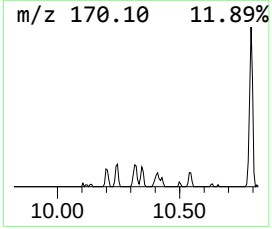












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126672.D
Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

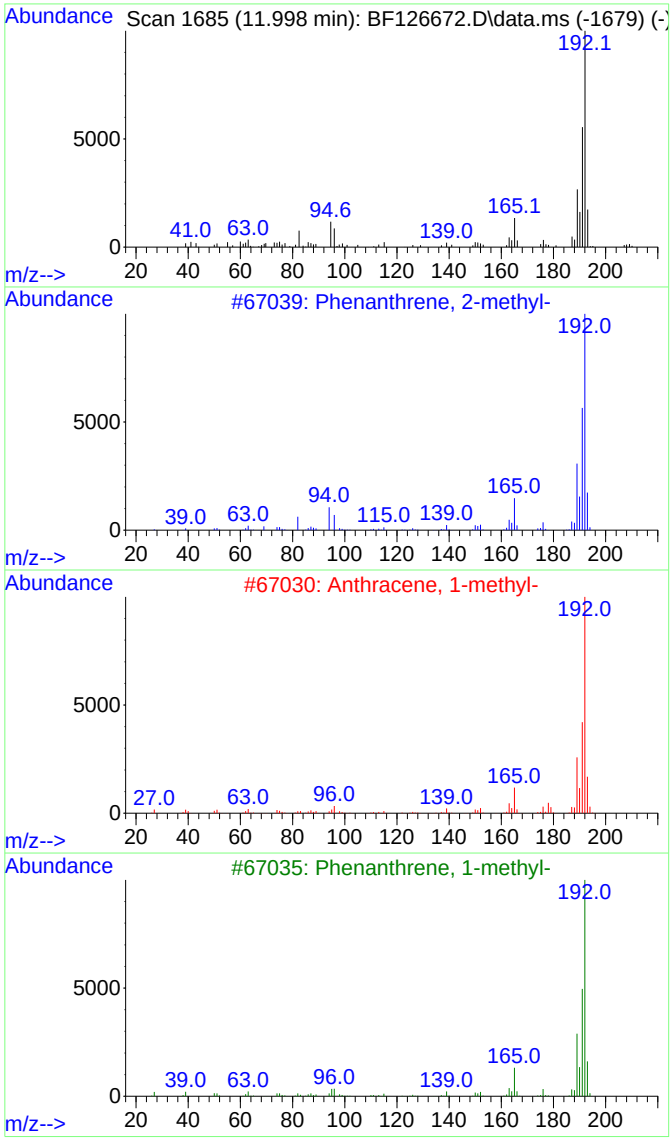
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

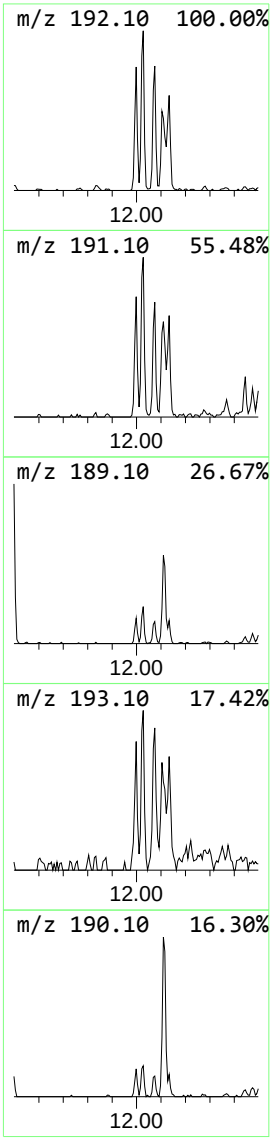
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	3.31 ng	168361	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126672.D
Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

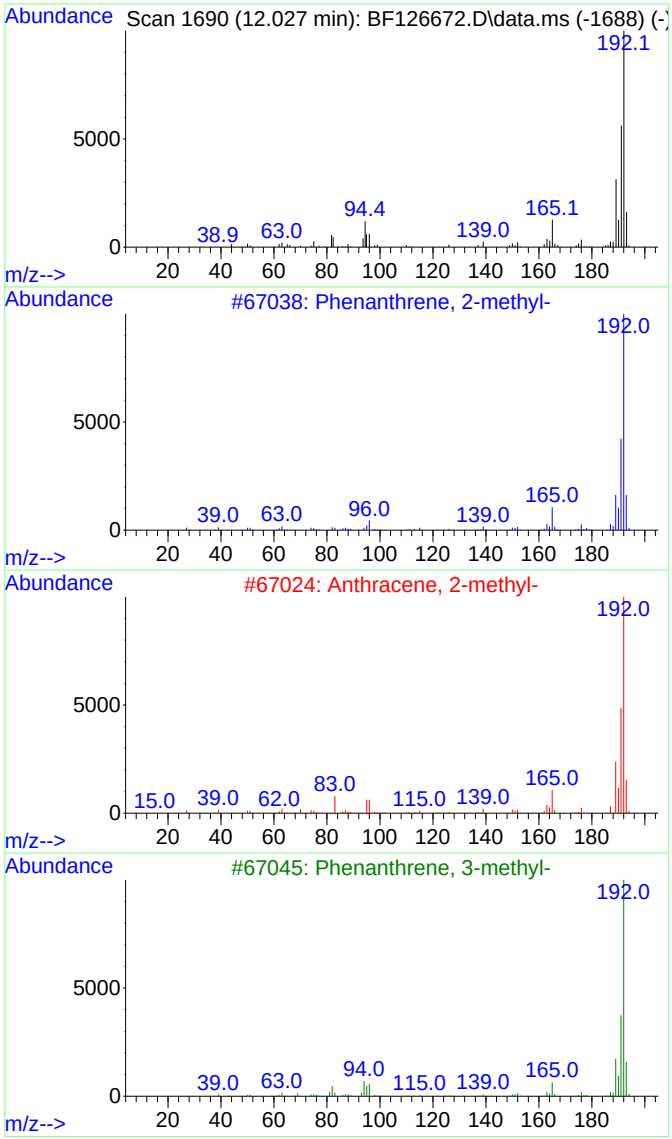
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

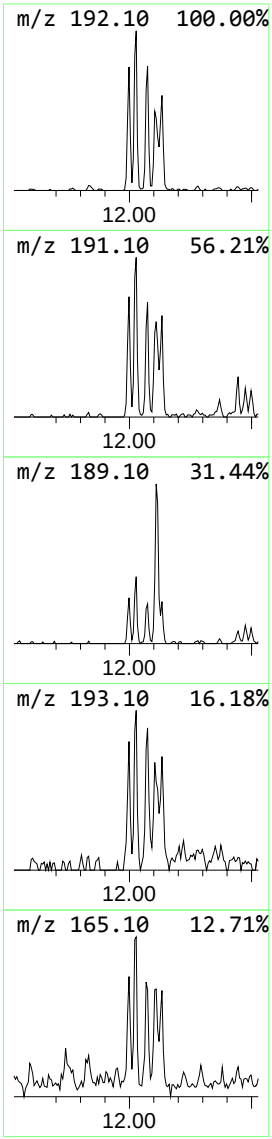
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	2.66 ng	135428	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5(3.5-4)

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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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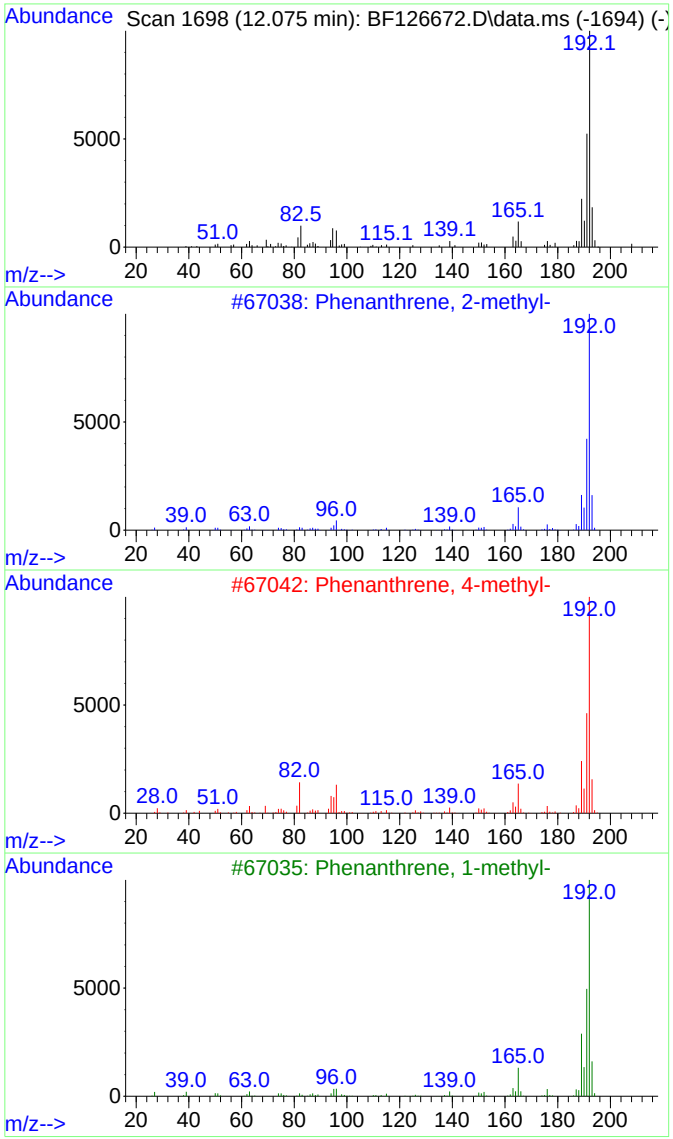
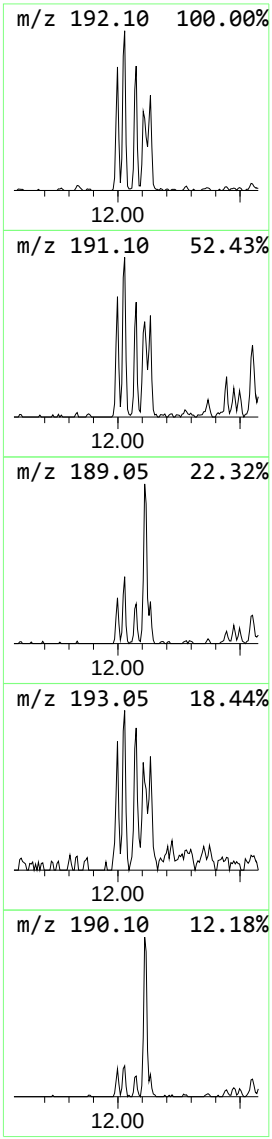
Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	2.29 ng	116607	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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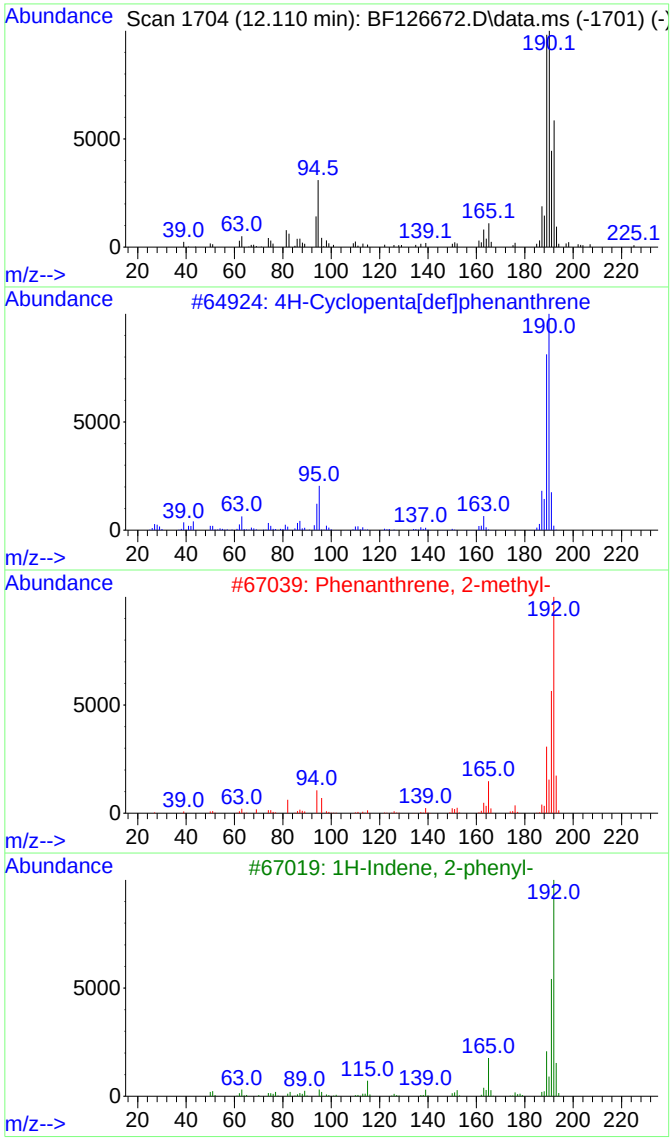
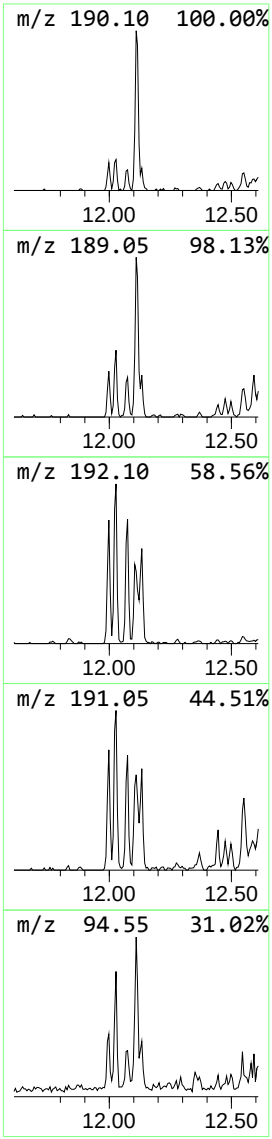
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	3.91 ng	198920	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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Misc :
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Instrument :
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ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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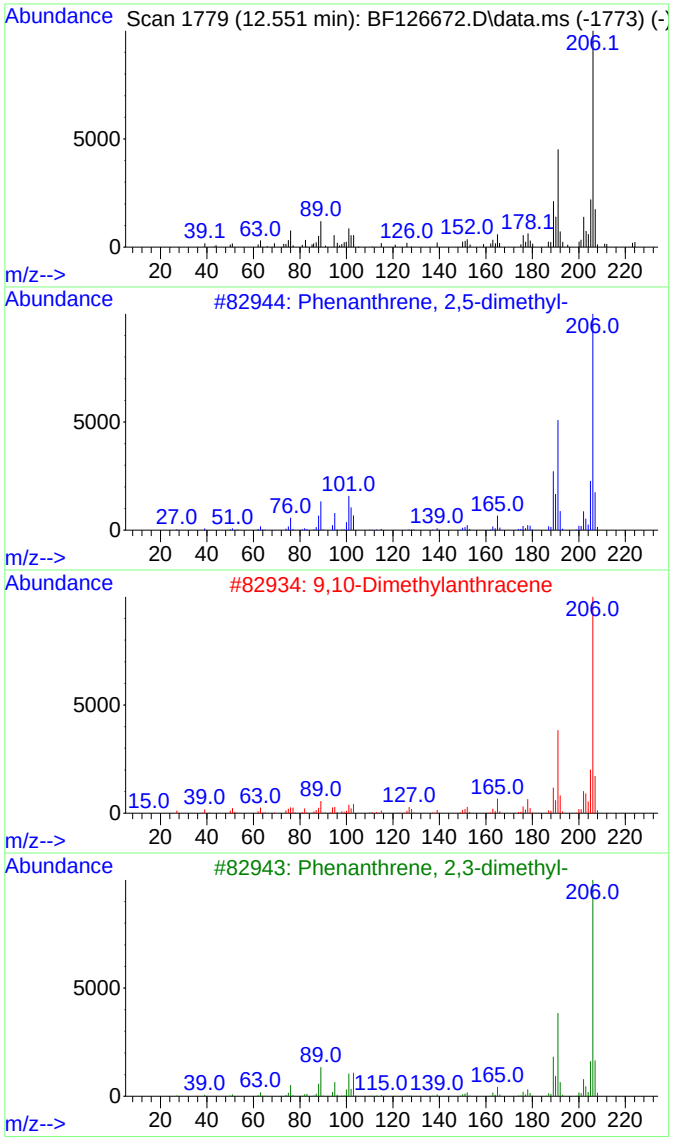
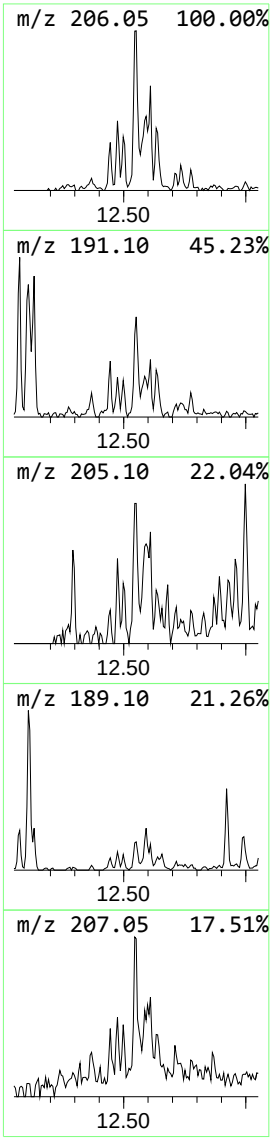
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.551	2.70 ng	137452	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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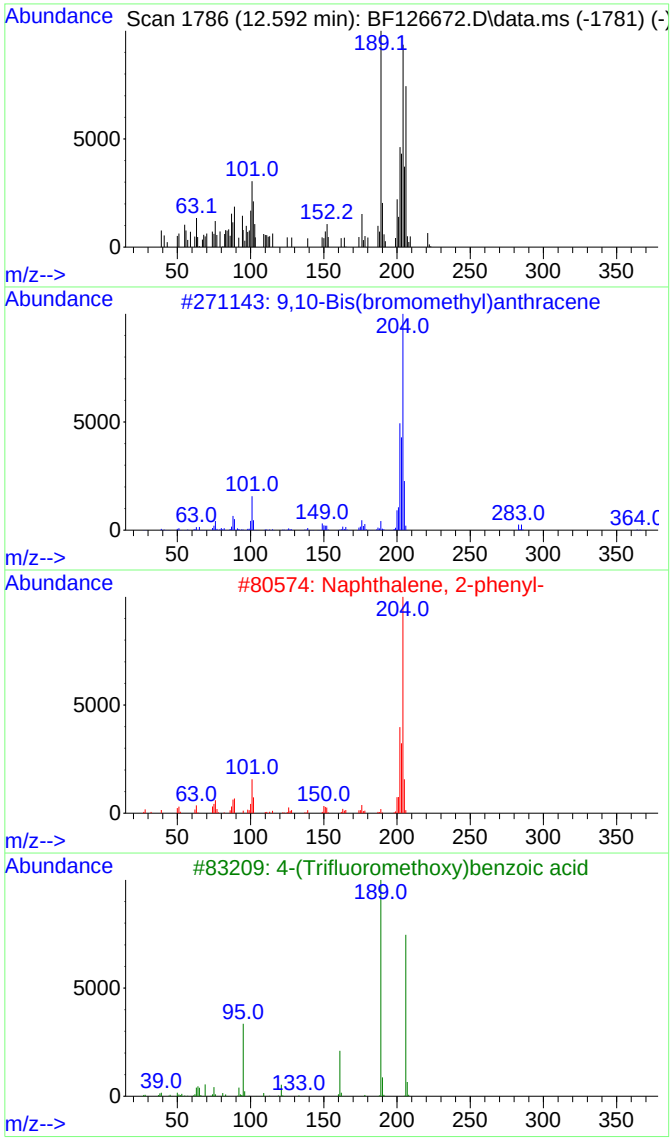
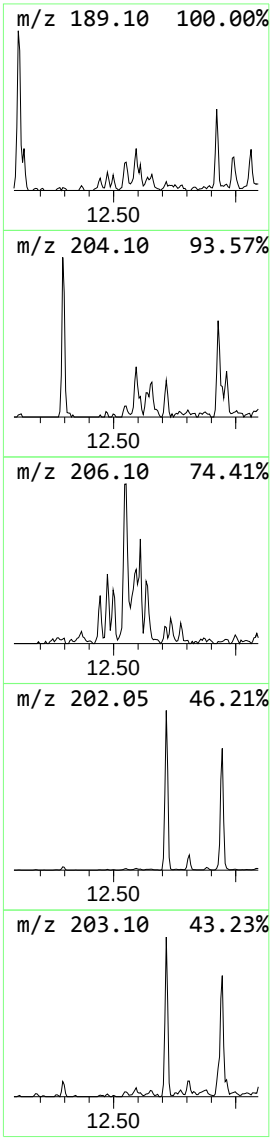
Peak Number 8 unknown12.592 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	2.26 ng	114947	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
3	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	30
4	m-Trifluoromethoxybenzoic acid	206	C8H5F3O3	001014-81-9	27
5	1-(5-Nitro-1H-indol-3-yl)ethan-1...	204	C10H8N2O3	004771-10-2	27





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Sample : N1245-10
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SB-5(3.5-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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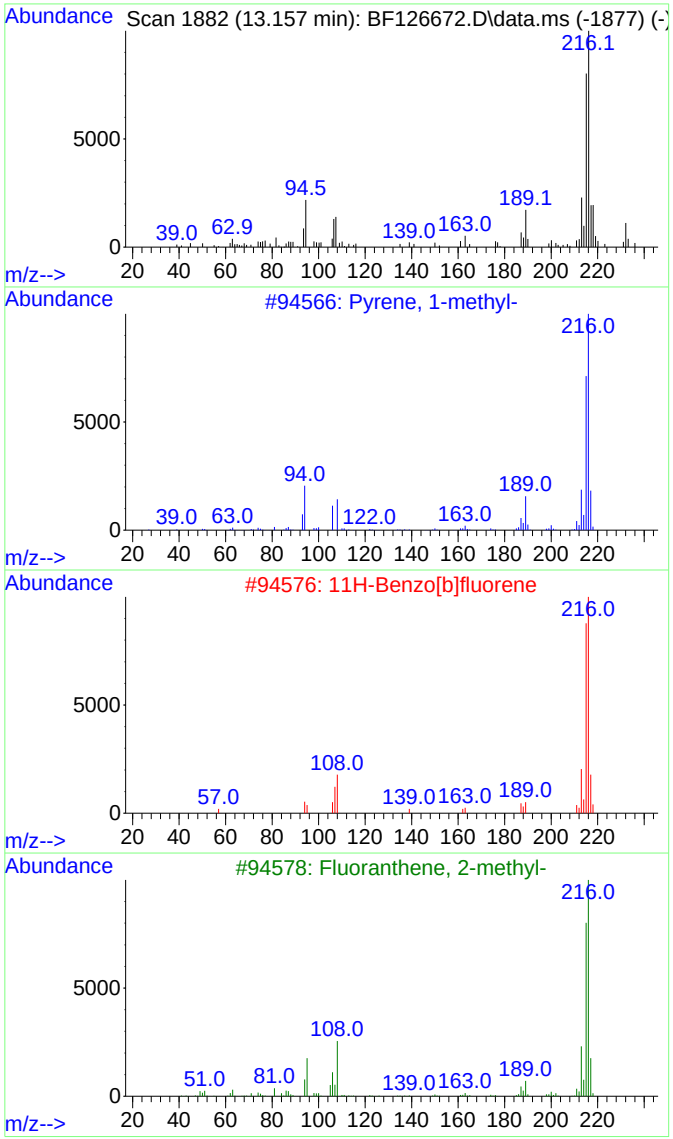
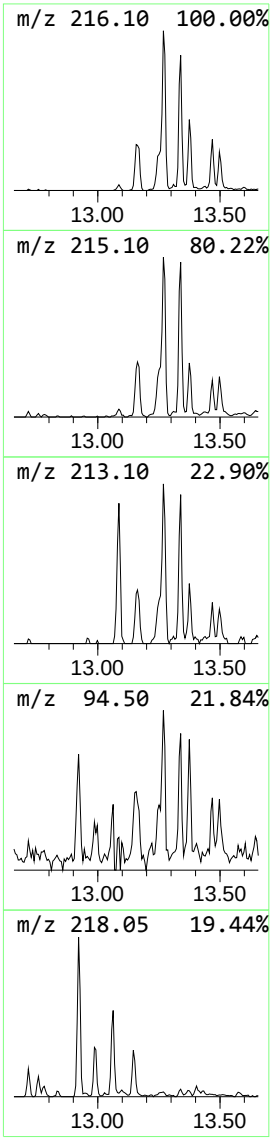
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.63 ng	179190	Chrysene-d12	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Instrument :
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ClientSampleId :
SB-5(3.5-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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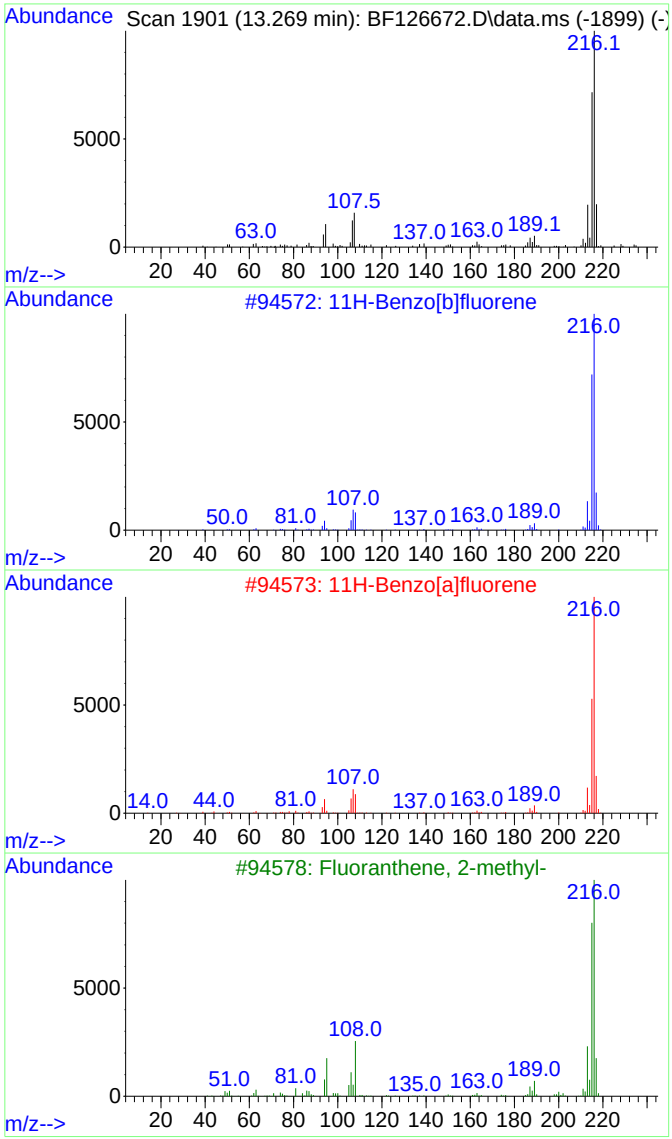
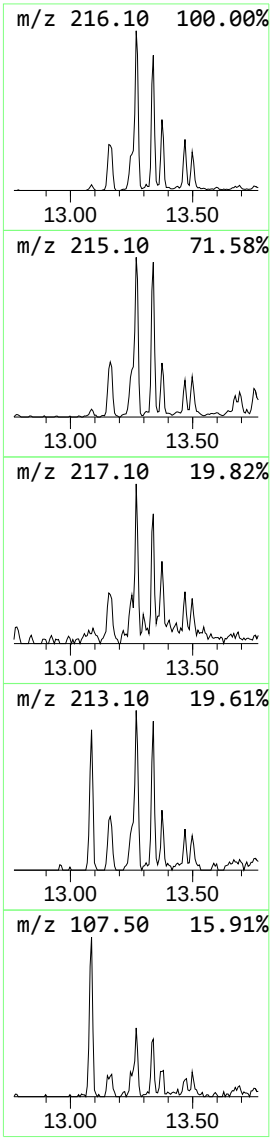
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	3.11 ng	211607	Chrysene-d12	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





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Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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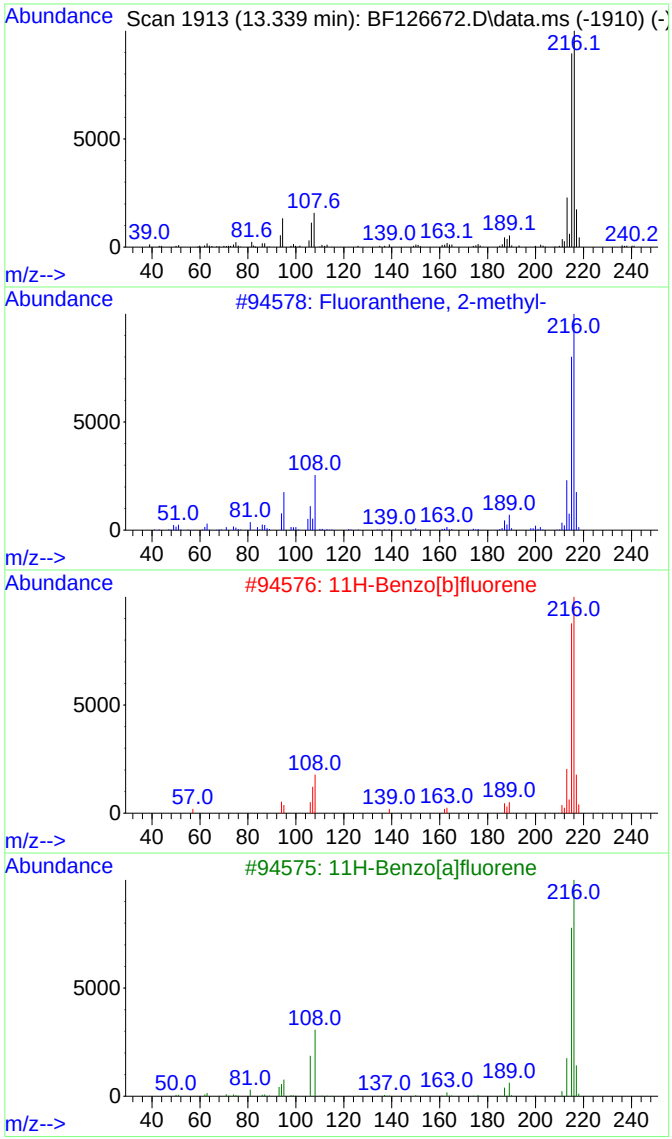
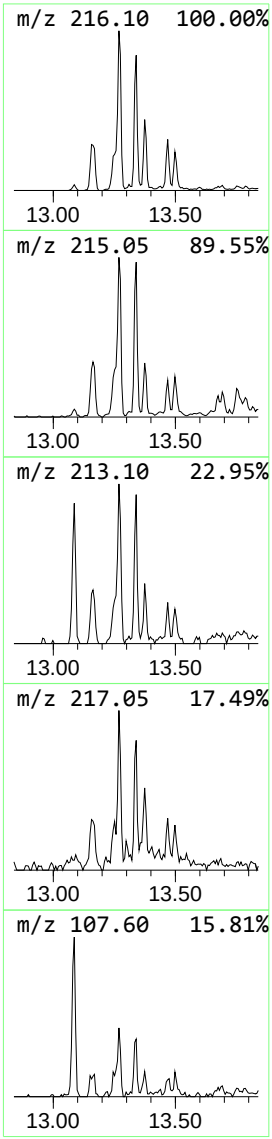
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.339	2.57 ng	174729	Chrysene-d12	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5(3.5-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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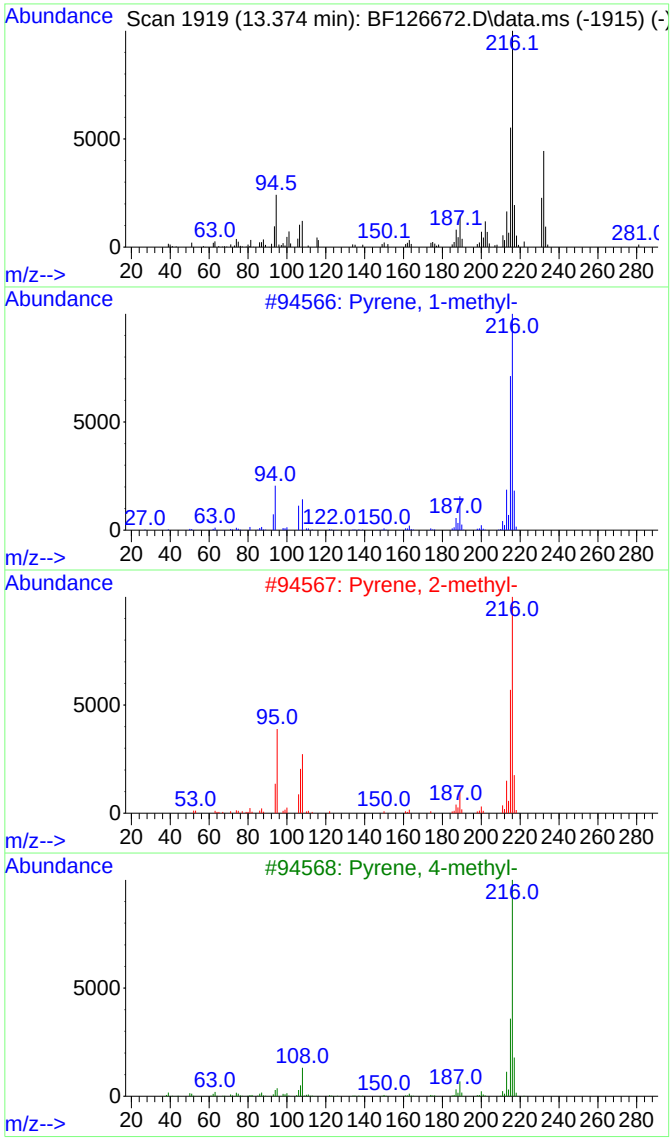
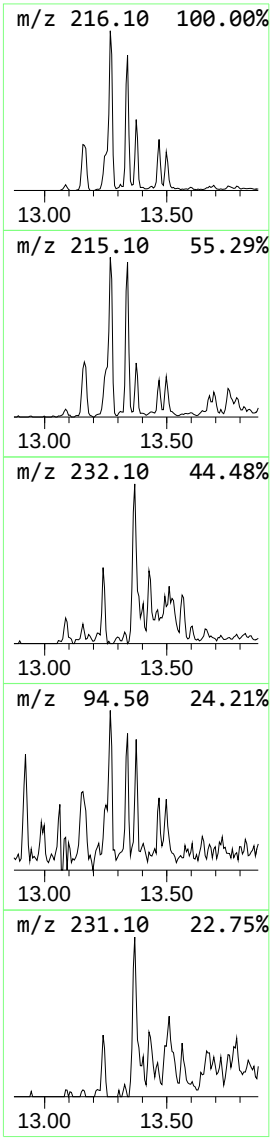
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.374	2.37 ng	161263	Chrysene-d12	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49





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ClientSampleId :
SB-5(3.5-4)

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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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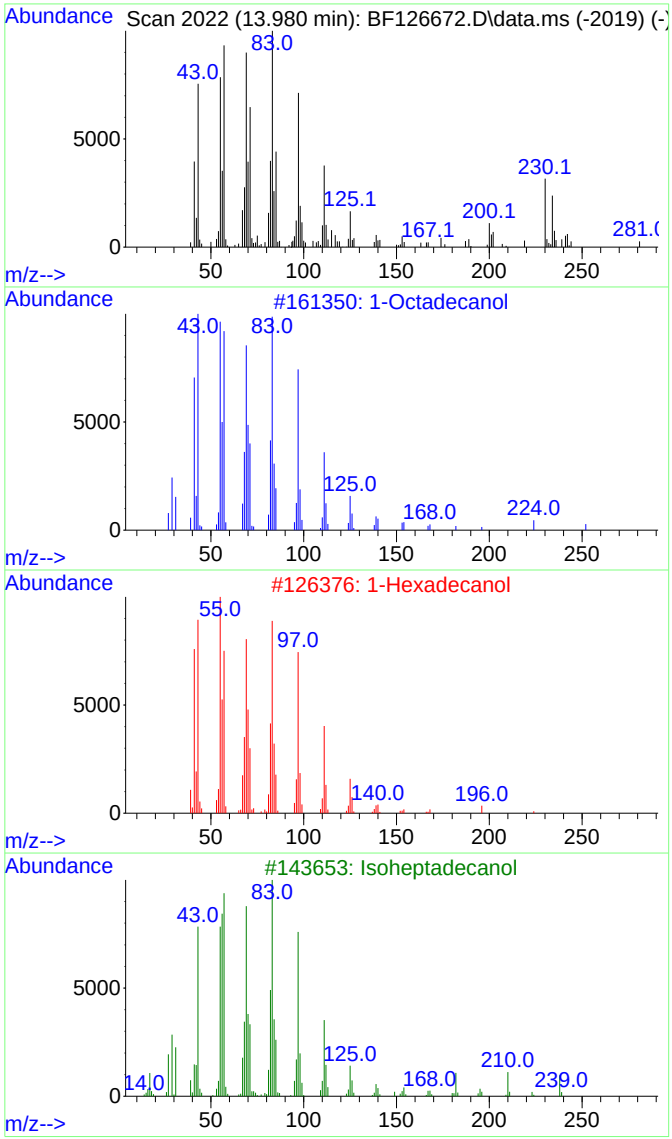
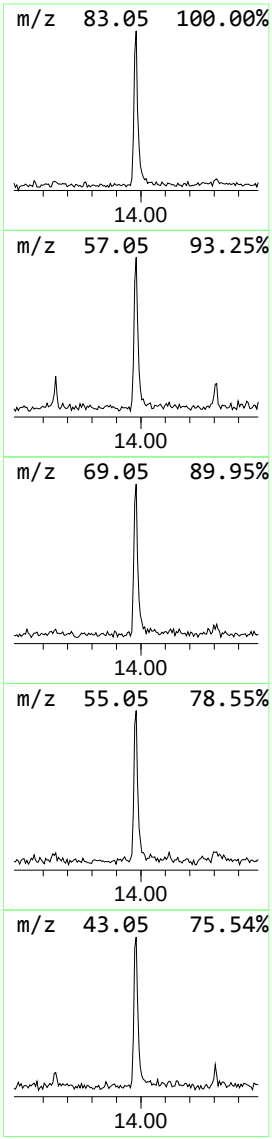
Peak Number 13 1-Octadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.980	3.66 ng	248967	Chrysene-d12	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	81
2	1-Hexadecanol	242	C16H34O	036653-82-4	74
3	Isoheptadecanol	256	C17H36O	057289-07-3	74
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	70
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	68





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ClientSampleId :
SB-5(3.5-4)

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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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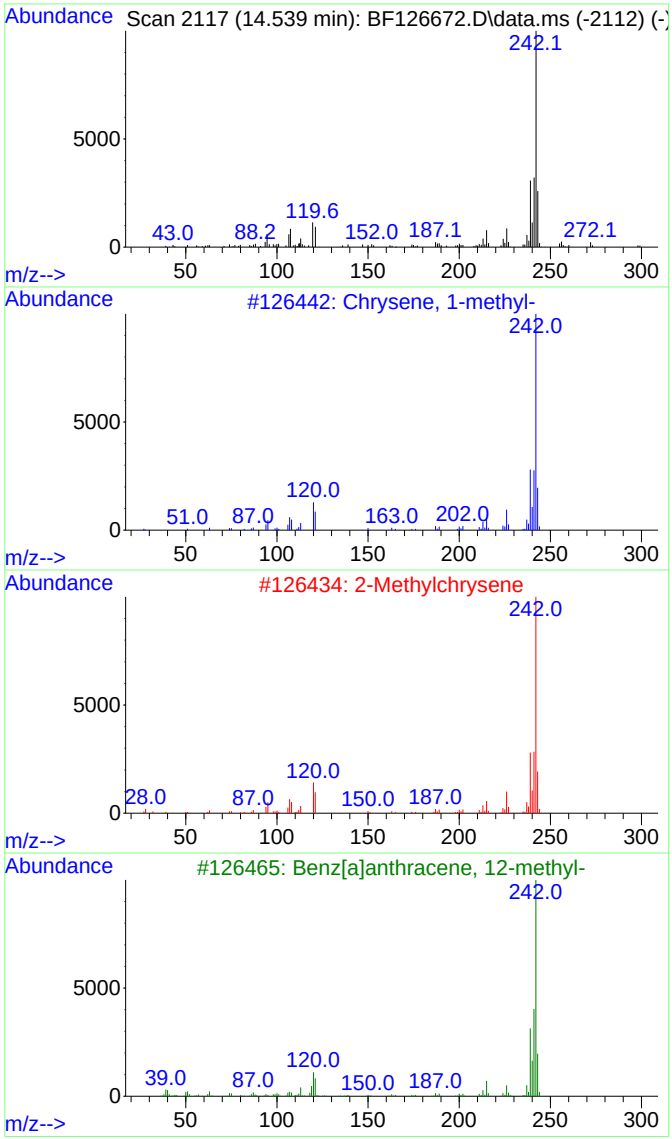
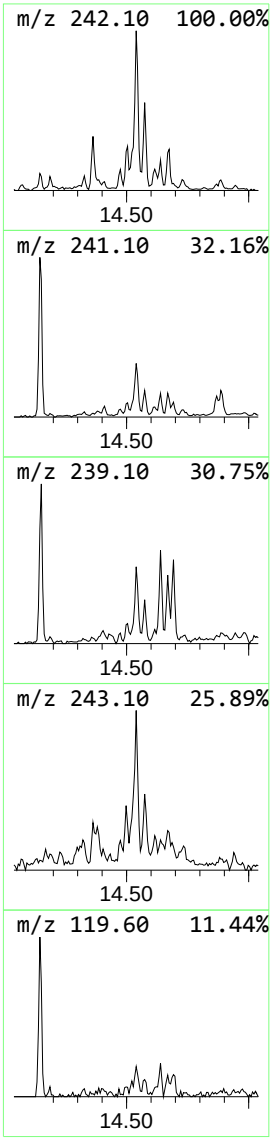
Peak Number 14 Chrysene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	3.38 ng	229844	Chrysene-d12	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	2-Methylchrysene	242	C19H14	003351-32-4	96
3	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	96
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	95
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94





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ClientSampleId :
SB-5(3.5-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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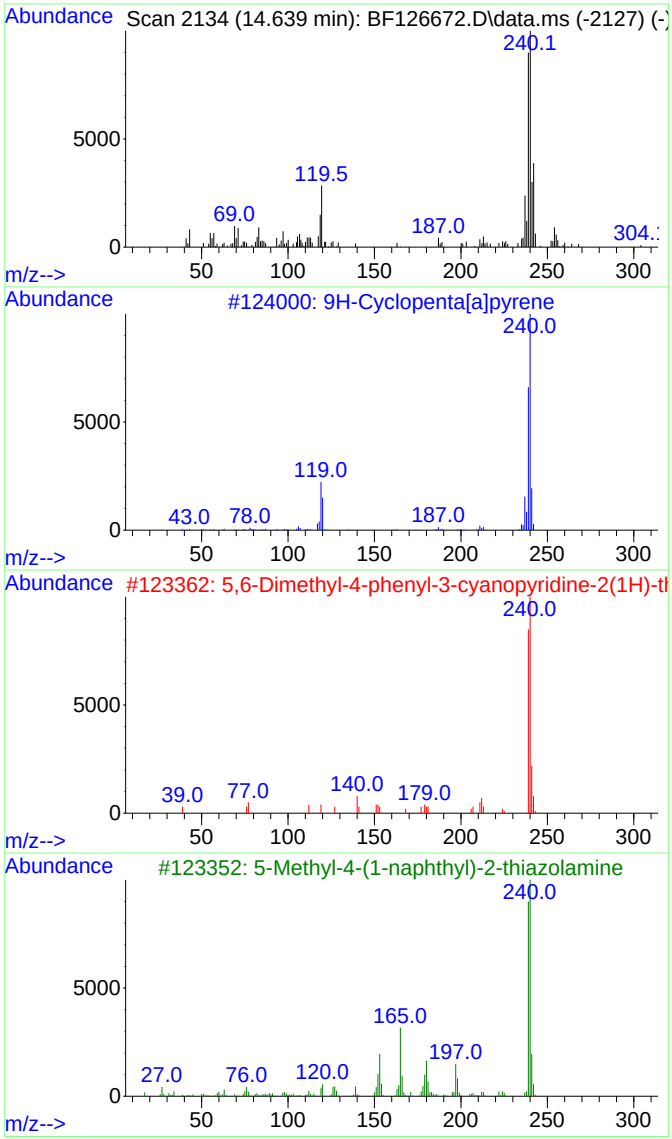
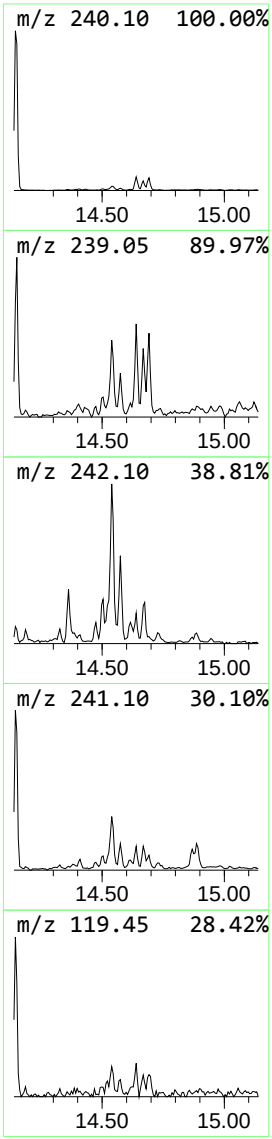
Peak Number 15 9H-Cyclopenta[a]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	3.08 ng	209797	Chrysene-d12	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	74
2	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	50
3	5-Methyl-4-(1-naphthyl)-2-thiazo...	240	C14H12N2S	107411-05-2	47
4	(9-Hydroxymethyl-[1,10]phenanthr...	240	C14H12N2O2	078831-36-4	38
5	5-(4-Chlorophenyl)pyrazine-2,3-d...	240	C12H5ClN4	067823-08-9	35





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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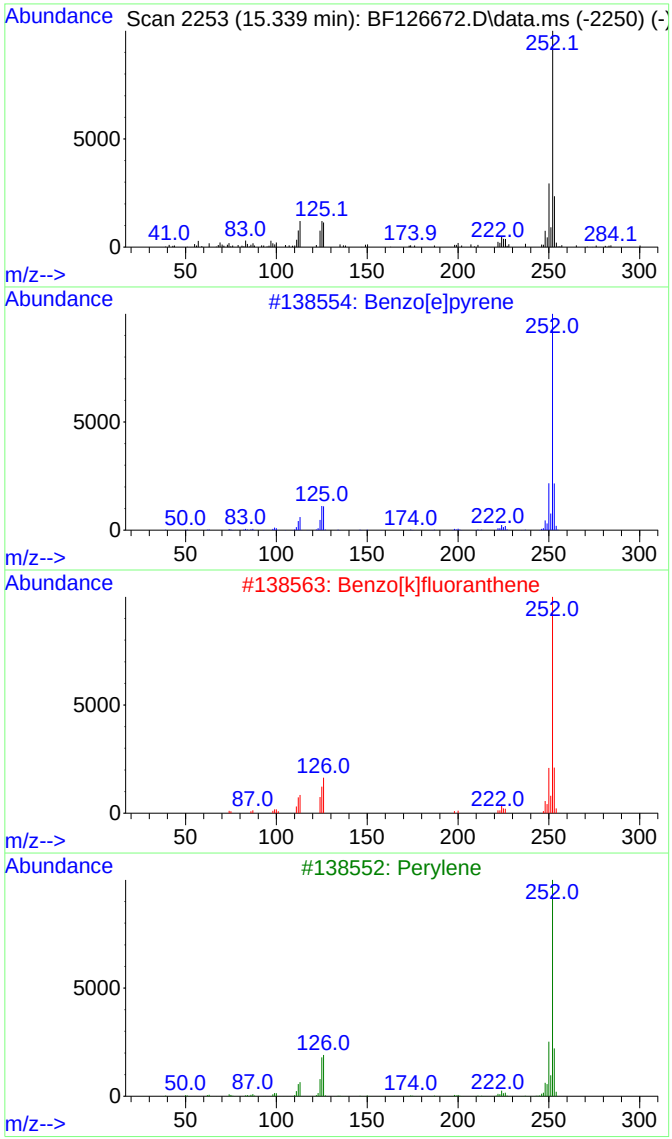
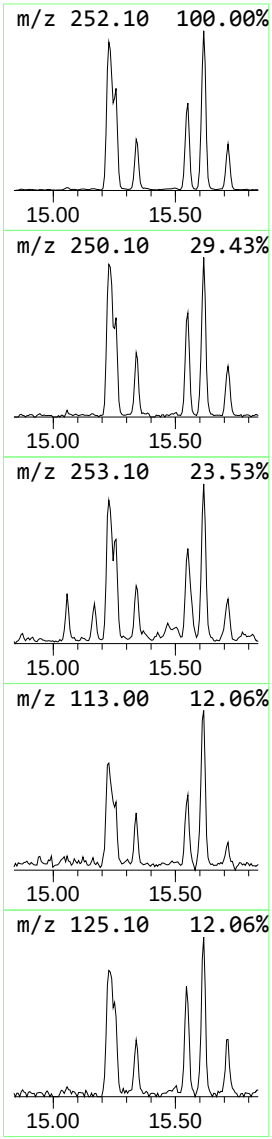
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	4.43 ng	155220	Perylene-d12	15.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126672.D
Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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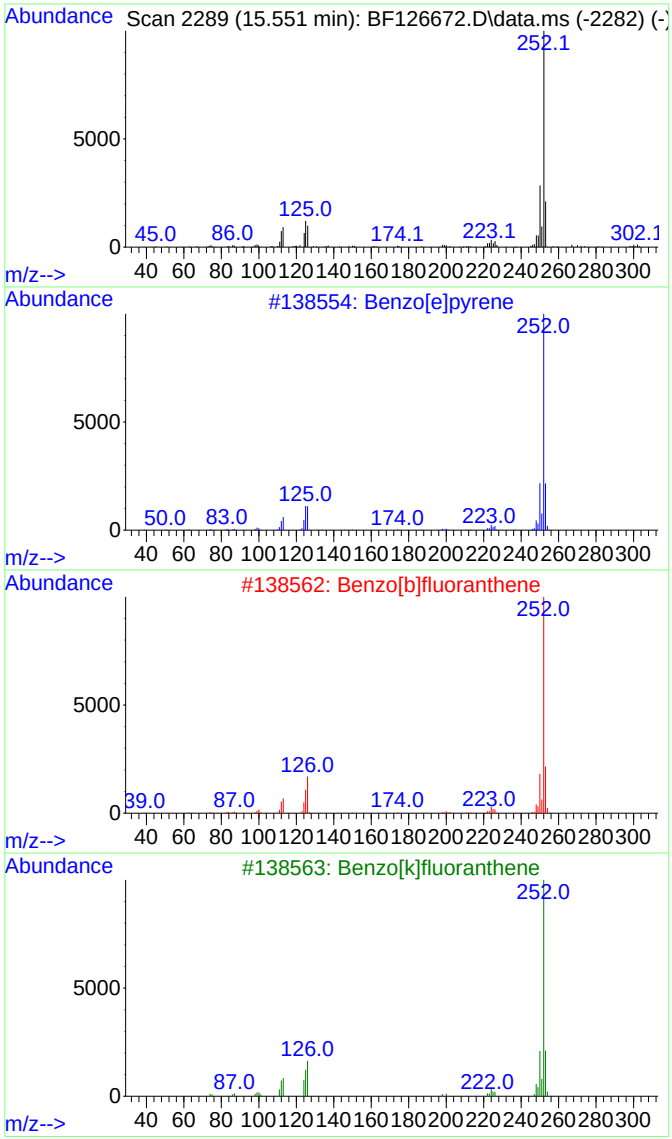
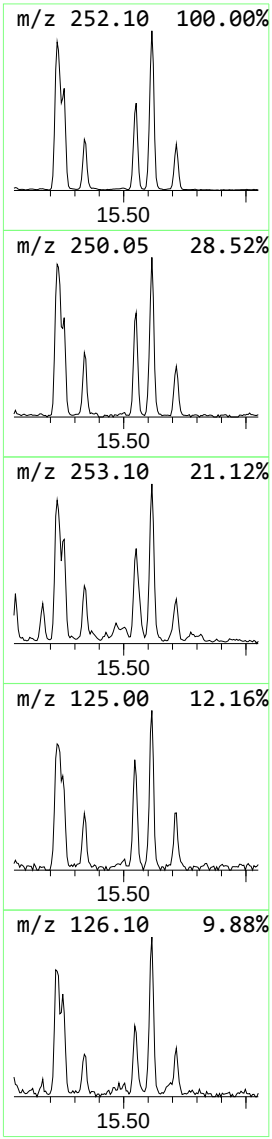
Peak Number 17 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.551	9.48 ng	332460	Perylene-d12	15.686

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	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126672.D
Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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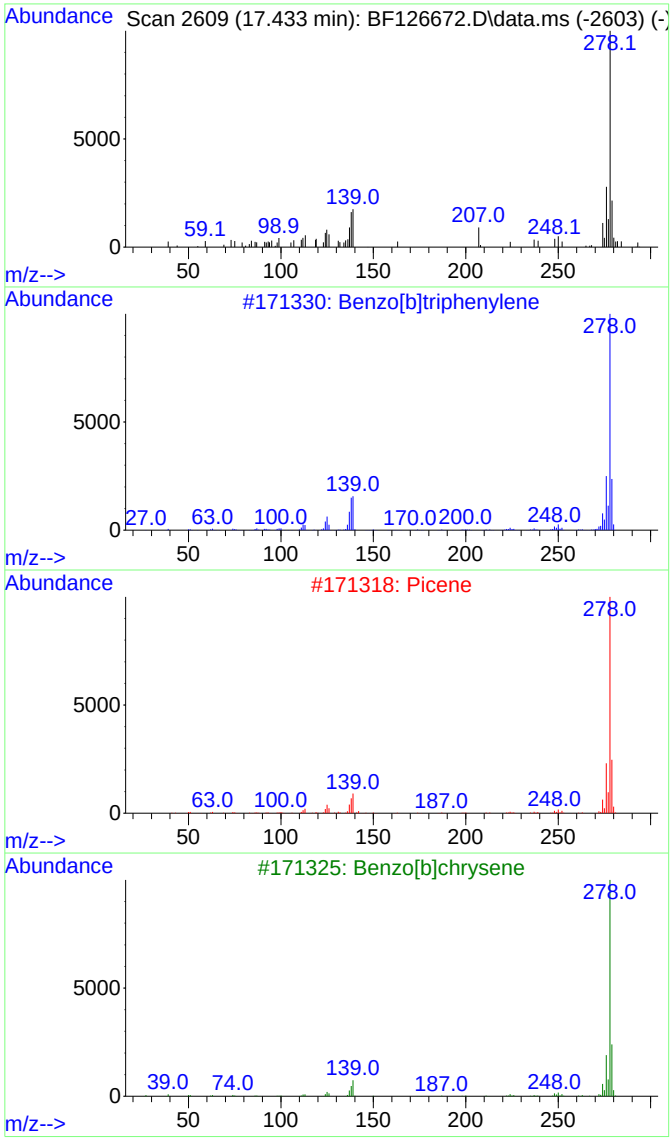
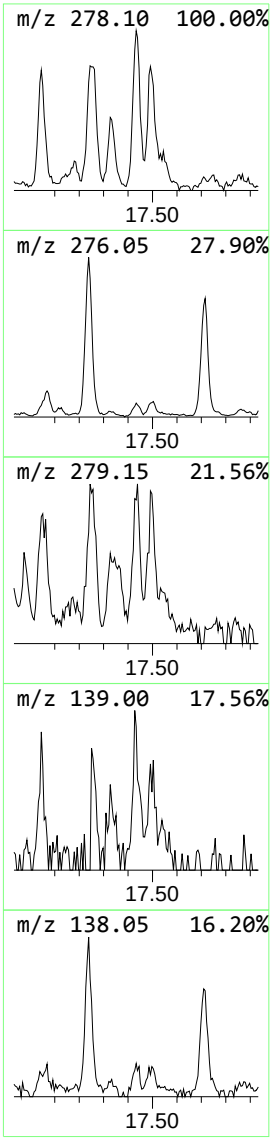
Peak Number 18 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.433	2.95 ng	103428	Perylene-d12	15.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2	Picene	278	C22H14	000213-46-7	95
3	Benzo[b]chrysene	278	C22H14	000214-17-5	89
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	87
5	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126672.D
Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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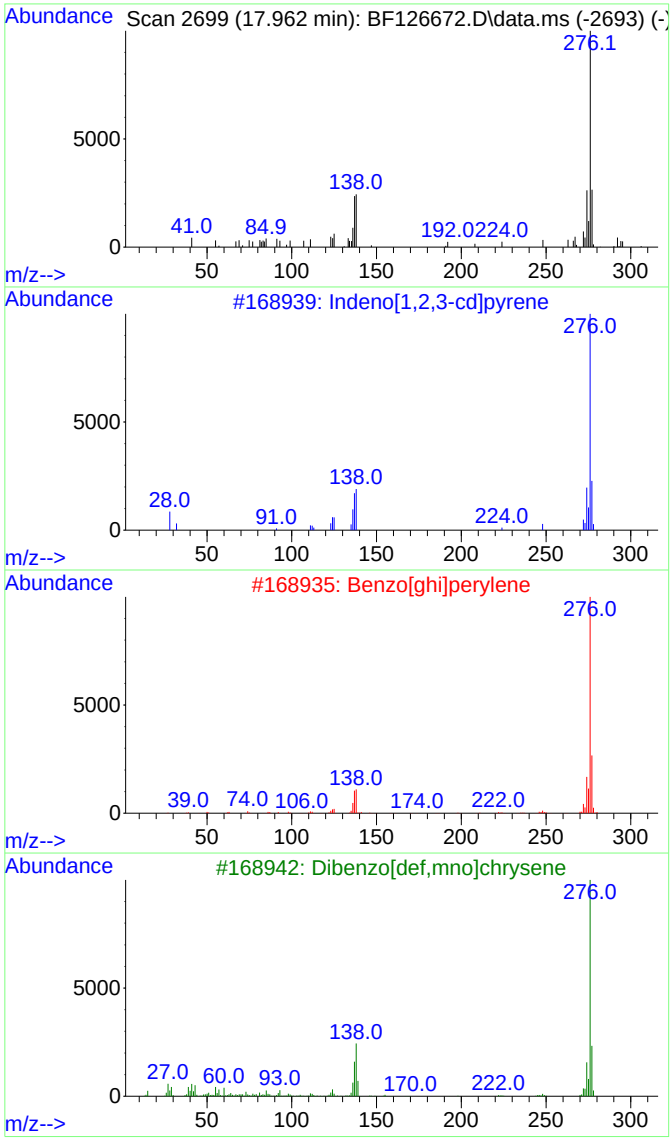
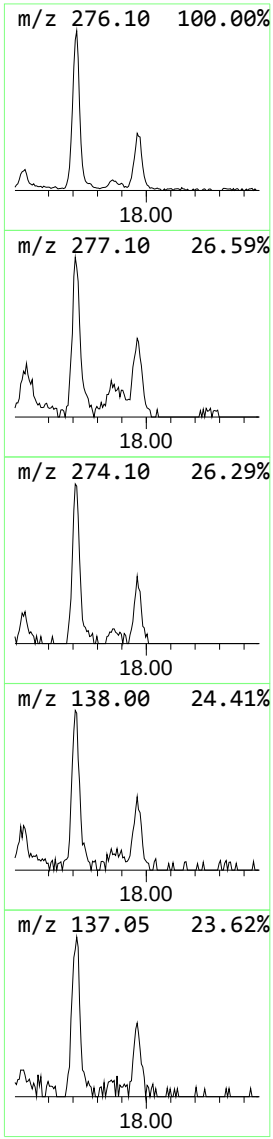
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.962	2.75 ng	96381	Perylene-d12	15.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	87
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5	2-Dodecyl-p-cresol	276	C19H32O	025912-91-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126672.D
Acq On : 25 Jan 2022 19:10
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(3.5-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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
Butane, 2-metho...	2.305	10.5	ng	403830	1	6.963	766342	20.0
unknown10.322	10.322	2.1	ng	111996	3	10.004	1069340	20.0
Phenanthrene, 2...	11.998	3.3	ng	168361	4	11.498	1016740	20.0
Anthracene, 2-m...	12.028	2.7	ng	135428	4	11.498	1016740	20.0
Phenanthrene, 4...	12.075	2.3	ng	116607	4	11.498	1016740	20.0
4H-Cyclopenta[d...	12.110	3.9	ng	198920	4	11.498	1016740	20.0
Phenanthrene, 2...	12.551	2.7	ng	137452	4	11.498	1016740	20.0
unknown12.592	12.592	2.3	ng	114947	4	11.498	1016740	20.0
Pyrene, 1-methyl-	13.157	2.6	ng	179190	5	14.145	1360510	20.0
11H-Benzo[b]flu...	13.269	3.1	ng	211607	5	14.145	1360510	20.0
Fluoranthene, 2...	13.339	2.6	ng	174729	5	14.145	1360510	20.0
Pyrene, 2-methyl-	13.374	2.4	ng	161263	5	14.145	1360510	20.0
1-Octadecanol	13.980	3.7	ng	248967	5	14.145	1360510	20.0
Chrysene, 1-met...	14.539	3.4	ng	229844	5	14.145	1360510	20.0
9H-Cyclopenta[a...	14.639	3.1	ng	209797	5	14.145	1360510	20.0
Benzo[e]pyrene	15.339	4.4	ng	155220	6	15.686	701190	20.0
Benzo[j]fluoran...	15.551	9.5	ng	332460	6	15.686	701190	20.0
Benzo[b]triphen...	17.433	3.0	ng	103428	6	15.686	701190	20.0
Dibenzo[def,mno...	17.962	2.8	ng	96381	6	15.686	701190	20.0