LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133423.D
Acq On : 17 May 2023 20:22
Operator : CG\JU
Sample : 02812-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WG-0516-B1-0-3

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133423.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	473	477	491	rVB	689443	901527	19.06%	1.685%
2	5.328	547	551	562	rBV	3907376	3771719	79.76%	7.051%
3	5.716	614	617	623	rBV	60971	58982	1.25%	0.110%
4	6.357	722	726	729	rBV	3969027	3818318	80.75%	7.138%
5	6.710	783	786	790	rBV	1452720	1152085	24.36%	2.154%
6	7.281	878	883	886	rBV	2828855	2512920	53.14%	4.698%
7	7.481	914	917	921	rVB	70252	55323	1.17%	0.103%
8	7.998	1001	1005	1007	rBV	1963966	1589754	33.62%	2.972%
9	8.016	1007	1008	1011	rVB	102894	60554	1.28%	0.113%
10	8.710	1123	1126	1133	rBV	70089	55716	1.18%	0.104%
11	8.810	1140	1143	1148	rBV	67120	60275	1.27%	0.113%
12	9.075	1184	1188	1191	rBV	5814307	4728777	100.00%	8.840%
13	9.339	1228	1233	1237	rBV2	39208	60298	1.28%	0.113%
14	9.410	1242	1245	1247	rVV	87640	82464	1.74%	0.154%
15	9.434	1247	1249	1254	rVB2	56999	63553	1.34%	0.119%
16	9.610	1276	1279	1283	rVB	80430	67321	1.42%	0.126%
17	9.751	1299	1303	1305	rBV	2021175	1784241	37.73%	3.335%
18	9.781	1305	1308	1312	rVB	490325	387888	8.20%	0.725%
19	9.951	1334	1337	1342	rBV	230953	196270	4.15%	0.367%
20	10.292	1392	1395	1401	rVB	406052	359960	7.61%	0.673%
21	10.381	1408	1410	1413	rVB2	80107	56810	1.20%	0.106%
22	10.457	1420	1423	1427	rVB2	189373	219055	4.63%	0.409%
23	10.539	1433	1437	1440	rBV	3107730	2699912	57.10%	5.047%
24	10.845	1482	1489	1491	rBV3	99245	159505	3.37%	0.298%
25	11.039	1519	1522	1526	rVB	98917	92192	1.95%	0.172%
26	11.086	1526	1530	1534	rBV3	101369	147660	3.12%	0.276%
27	11.128	1534	1537	1543	rVB	189679	176395	3.73%	0.330%
28	11.233	1551	1555	1557	rBV	2124433	1882549	39.81%	3.519%
29	11.257	1557	1559	1562	rVV	2922917	2267785	47.96%	4.239%
30	11.304	1562	1567	1571	rVV	697957	734115	15.52%	1.372%
31	11.339	1571	1573	1577	rVB	59325	62644	1.32%	0.117%
32	11.463	1588	1594	1597	rBV2	262896	306069	6.47%	0.572%
33	11.563	1609	1611	1617	rVB4	46045	59929	1.27%	0.112%
34	11.733	1635	1640	1642	rBV	351183	304414	6.44%	0.569%
35	11.763	1642	1645	1649	rVV	516448	521273	11.02%	0.974%
36	11.810	1649	1653	1656	rVV	247641	241957	5.12%	0.452%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133423.D
Acq On : 17 May 2023 20:22
Operator : CG\JU
Sample : 02812-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WG-0516-B1-0-3

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.845	1656	1659	1661	rVV	536146	535454	11.32%	1.001%
38	11.869	1661	1663	1668	rVB	228433	193680	4.10%	0.362%
39	12.027	1687	1690	1693	rBV	196730	176860	3.74%	0.331%
40	12.057	1693	1695	1698	rVB	130386	102847	2.17%	0.192%
41	12.180	1711	1716	1719	rBV3	79409	91931	1.94%	0.172%
42	12.280	1728	1733	1737	rBV	164248	222145	4.70%	0.415%
43	12.322	1737	1740	1745	rVB4	128343	200959	4.25%	0.376%
44	12.369	1745	1748	1753	rVB2	115356	143613	3.04%	0.268%
45	12.445	1757	1761	1764	rBV	2728588	2148482	45.43%	4.016%
46	12.510	1770	1772	1775	rVB2	64069	55708	1.18%	0.104%
47	12.592	1779	1786	1790	rBV3	90708	158467	3.35%	0.296%
48	12.675	1793	1800	1802	rVV2	1839194	2048619	43.32%	3.830%
49	12.692	1802	1803	1806	rVV2	95726	84277	1.78%	0.158%
50	12.722	1806	1808	1814	rVB2	141380	165493	3.50%	0.309%
51	12.792	1816	1820	1821	rBV	161378	133496	2.82%	0.250%
52	12.822	1821	1825	1828	rVV	4240452	3964111	83.83%	7.410%
53	12.898	1831	1838	1841	rBV2	132677	232864	4.92%	0.435%
54	12.974	1849	1851	1853	rBV3	98506	113095	2.39%	0.211%
55	13.004	1853	1856	1859	rVB	299019	289420	6.12%	0.541%
56	13.069	1859	1867	1869	rBV3	272129	318025	6.73%	0.595%
57	13.104	1869	1873	1876	rBV	222577	236690	5.01%	0.442%
58	13.198	1886	1889	1891	rVB	91960	74719	1.58%	0.140%
59	13.227	1891	1894	1896	rBV	108383	97048	2.05%	0.181%
60	13.398	1917	1923	1926	rBV5	79012	140711	2.98%	0.263%
61	13.510	1940	1942	1946	rVB	100655	105136	2.22%	0.197%
62	13.616	1956	1960	1963	rBV	116383	145007	3.07%	0.271%
63	13.645	1963	1965	1967	rVV	148378	122766	2.60%	0.229%
64	13.669	1967	1969	1971	rVV	93494	94161	1.99%	0.176%
65	13.721	1975	1978	1986	rBV2	226242	360991	7.63%	0.675%
66	13.869	1995	2003	2006	rBV2	1538927	2153598	45.54%	4.026%
67	13.892	2006	2007	2014	rVB	702857	593196	12.54%	1.109%
68	13.974	2016	2021	2023	rBV2	148894	134350	2.84%	0.251%
69	14.045	2030	2033	2035	rBV4	57346	60165	1.27%	0.112%
70	14.257	2065	2069	2072	rBV	181111	182747	3.86%	0.342%
71	14.292	2072	2075	2078	rVB2	83399	80080	1.69%	0.150%
72	14.351	2082	2085	2087	rVV2	143441	161463	3.41%	0.302%
73	14.380	2088	2090	2092	rVV	152457	142426	3.01%	0.266%
74	14.404	2092	2094	2097	rVB2	88101	81447	1.72%	0.152%
75	14.563	2118	2121	2123	rBV2	77418	72718	1.54%	0.136%
76	14.586	2123	2125	2131	rVB7	44870	61272	1.30%	0.115%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133423.D
Acq On : 17 May 2023 20:22
Operator : CG\JU
Sample : 02812-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B1-0-3

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.645	2131	2135	2137	rBV4	61134	84016	1.78%	0.157%
78	14.786	2155	2159	2165	rVB5	159506	195606	4.14%	0.366%
79	14.886	2172	2176	2179	rBV	684240	988318	20.90%	1.848%
80	14.963	2186	2189	2191	rBV2	88023	96495	2.04%	0.180%
81	14.992	2191	2194	2197	rVV	140644	155339	3.28%	0.290%
82	15.174	2221	2225	2230	rVB	391576	488693	10.33%	0.914%
83	15.233	2230	2235	2240	rBV	653608	740505	15.66%	1.384%
84	15.292	2240	2245	2248	rBV	1147817	1331384	28.15%	2.489%
85	15.321	2248	2250	2257	rVB2	218390	258198	5.46%	0.483%
86	15.733	2317	2320	2325	rVB2	93329	131549	2.78%	0.246%
87	16.474	2442	2446	2452	rBV3	70665	145855	3.08%	0.273%
88	16.668	2474	2479	2487	rVB2	233723	418481	8.85%	0.782%
89	17.080	2544	2549	2561	rVB	137782	279646	5.91%	0.523%

Sum of corrected areas: 53494531

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
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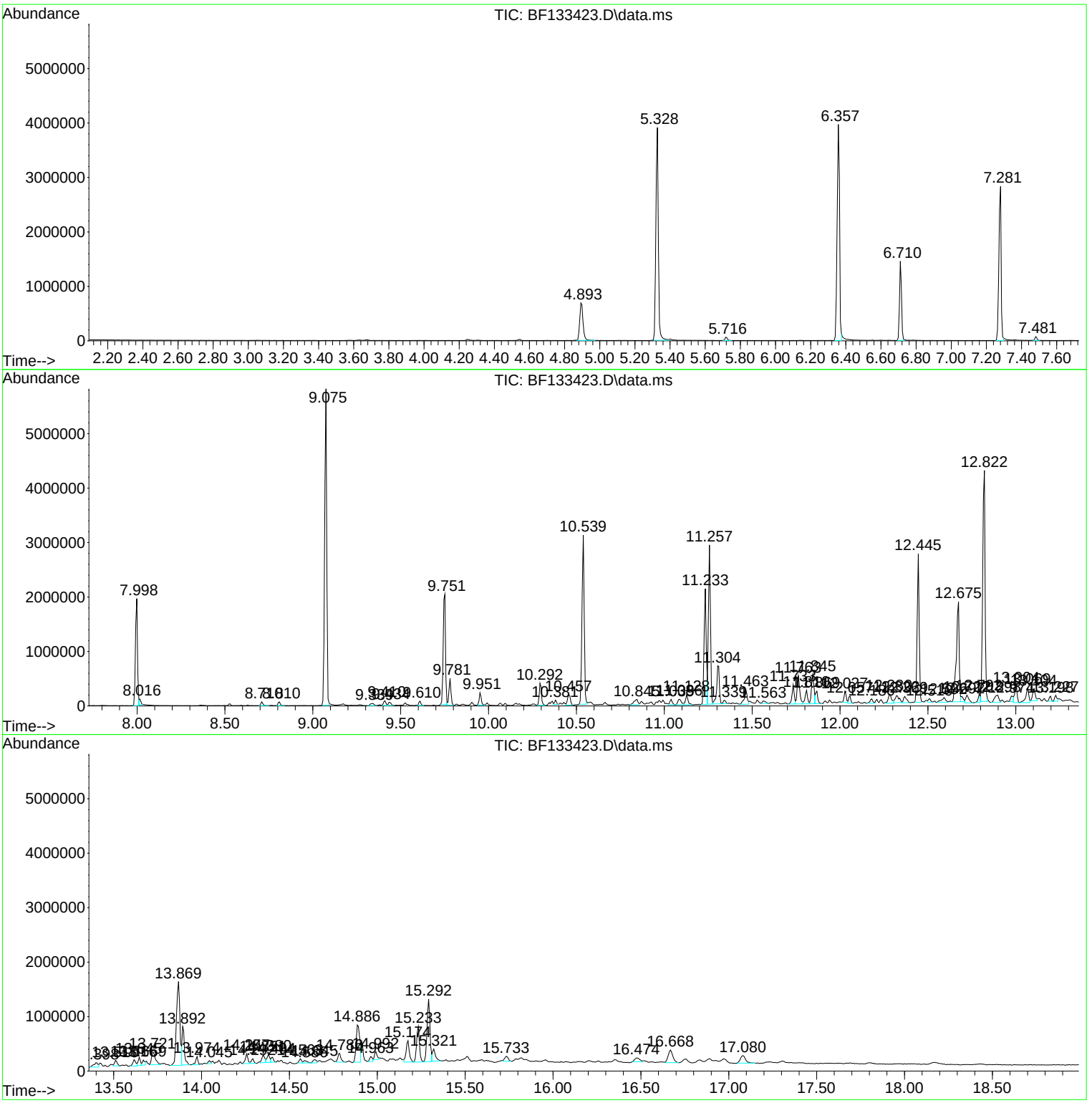
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B1-0-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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\BF051723\
Data File : BF133423.D
Acq On : 17 May 2023 20:22
Operator : CG\JU
Sample : 02812-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B1-0-3

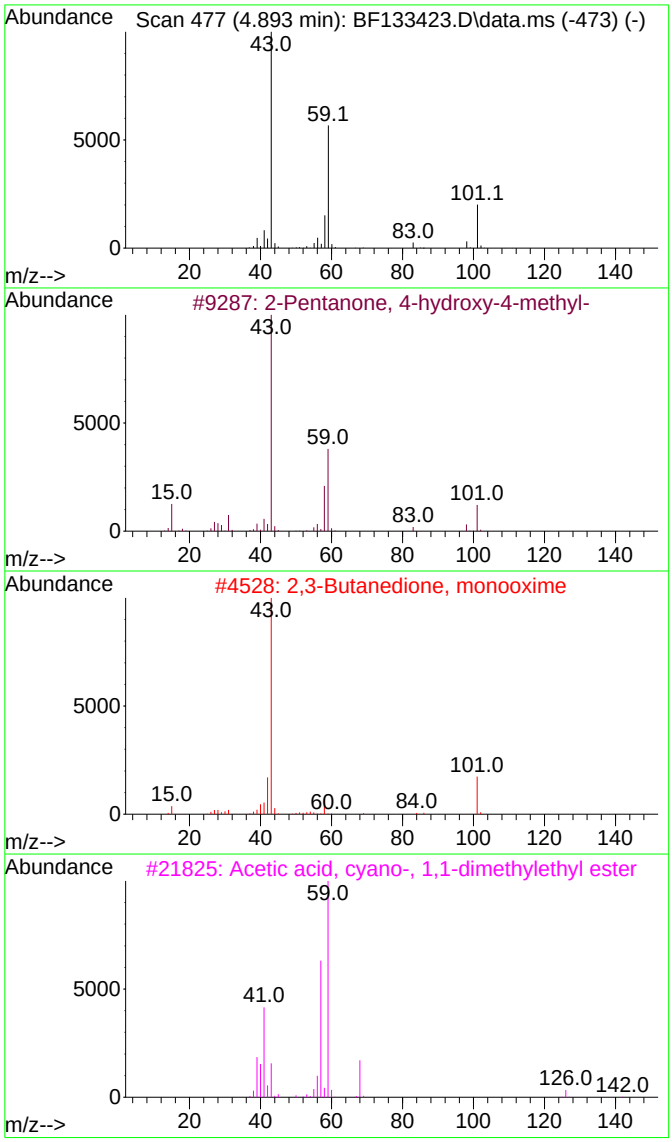
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

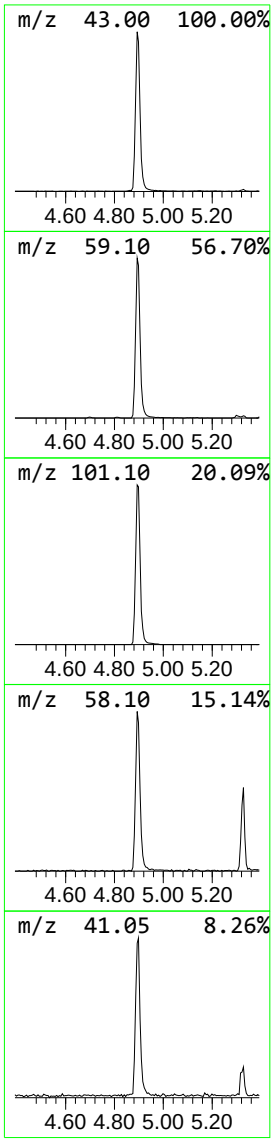
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	15.65 ng	901527	1,4-Dichlorobenzene-d4	6.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133423.D
Acq On : 17 May 2023 20:22
Operator : CG\JU
Sample : 02812-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B1-0-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

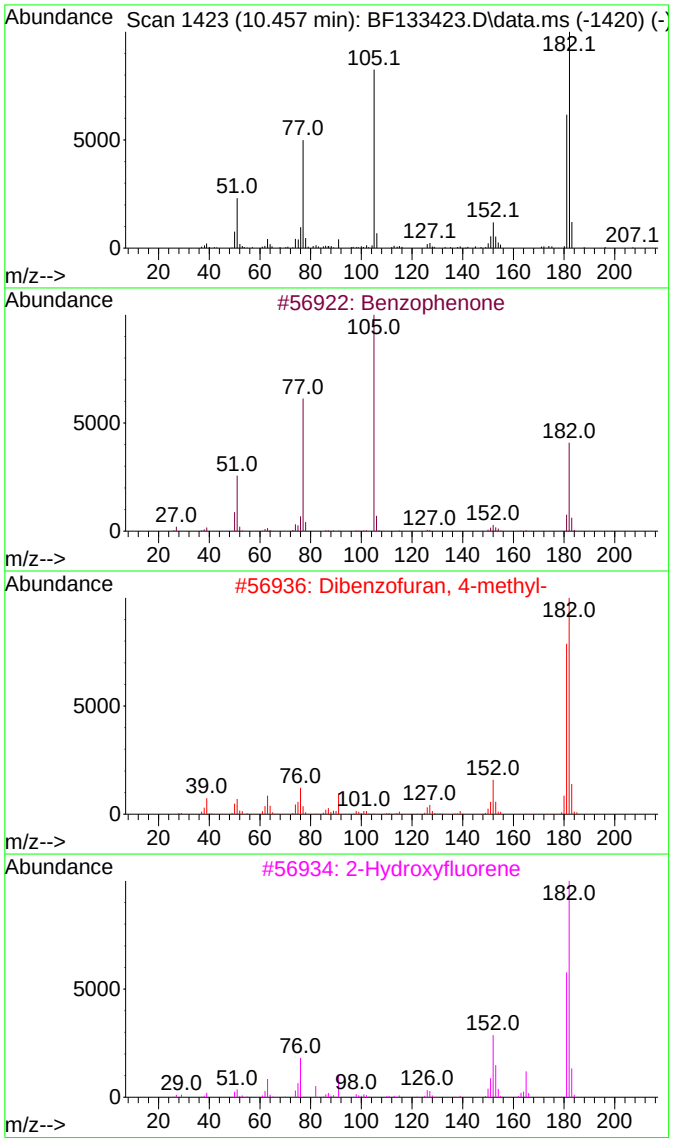
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

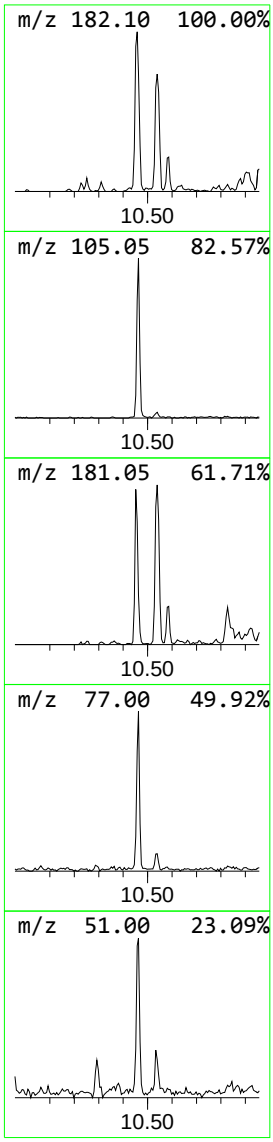
****

Peak Number 2 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	2.46 ng	219055	Acenaphthene-d10	9.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	81
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	52
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	52
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	52
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133423.D
Acq On : 17 May 2023 20:22
Operator : CG\JU
Sample : 02812-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B1-0-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

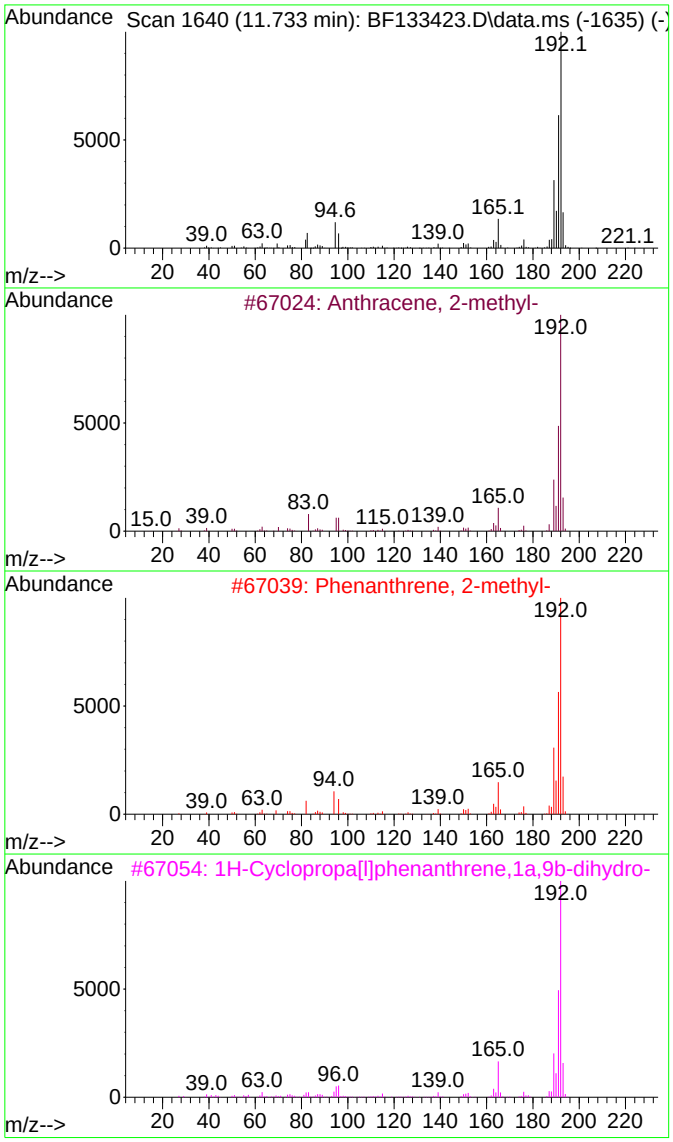
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

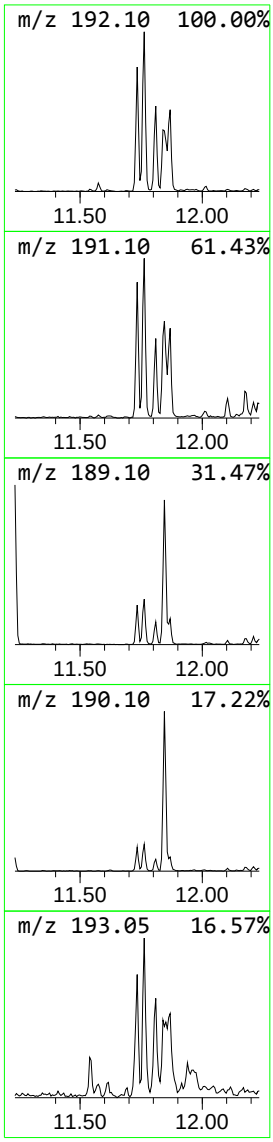
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	3.23 ng	304414	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133423.D
Acq On : 17 May 2023 20:22
Operator : CG\JU
Sample : 02812-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B1-0-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

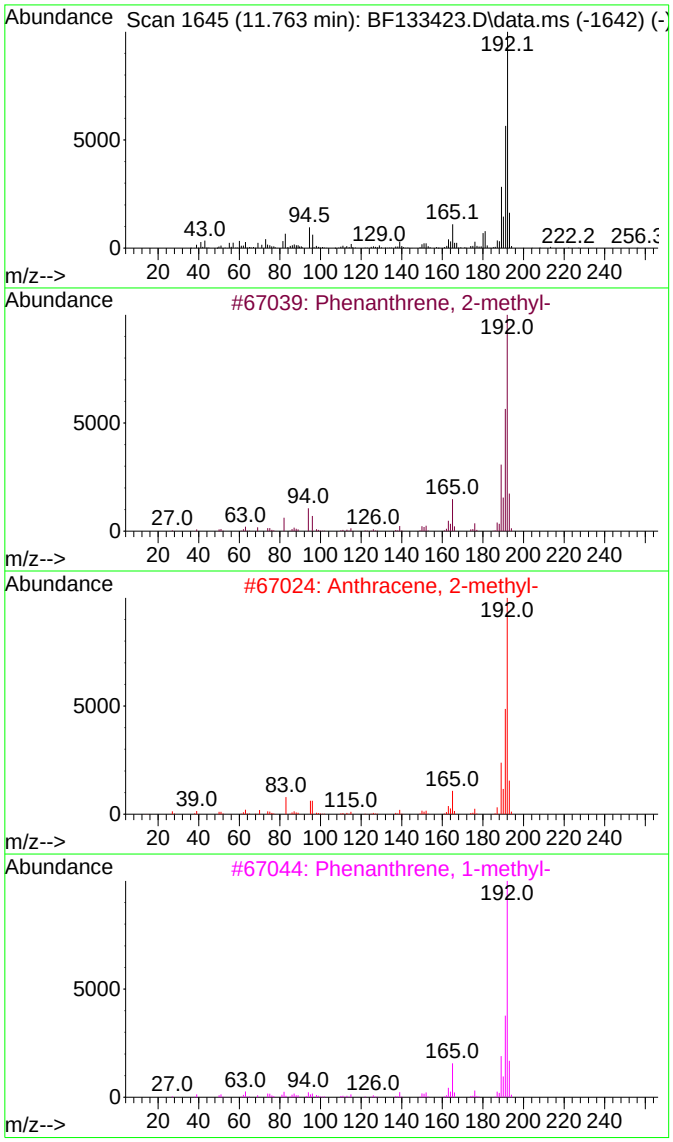
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

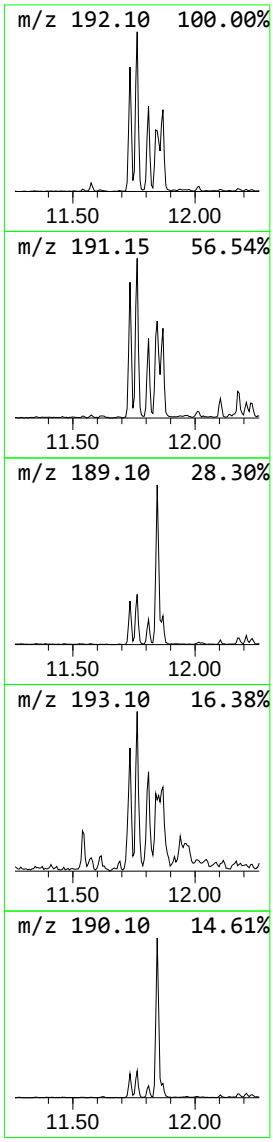
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	5.54 ng	521273	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133423.D
Acq On : 17 May 2023 20:22
Operator : CG\JU
Sample : 02812-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B1-0-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

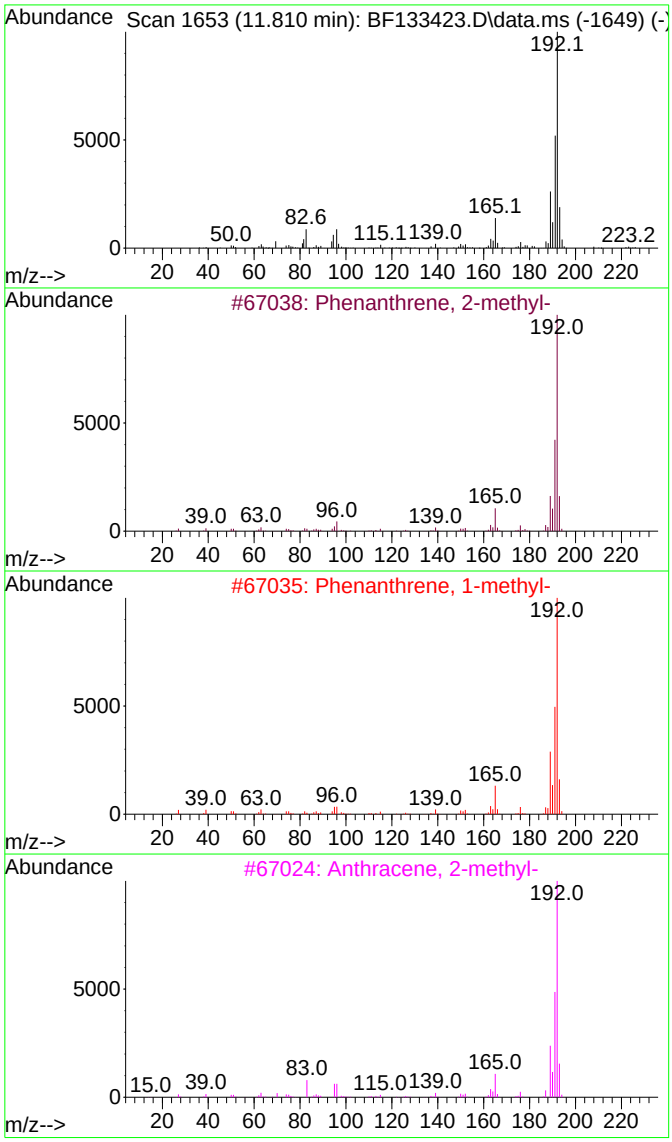
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

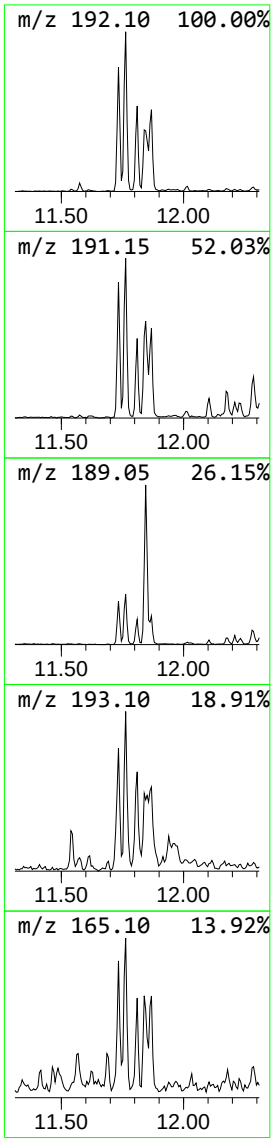
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	2.57 ng	241957	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133423.D
Acq On : 17 May 2023 20:22
Operator : CG\JU
Sample : 02812-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B1-0-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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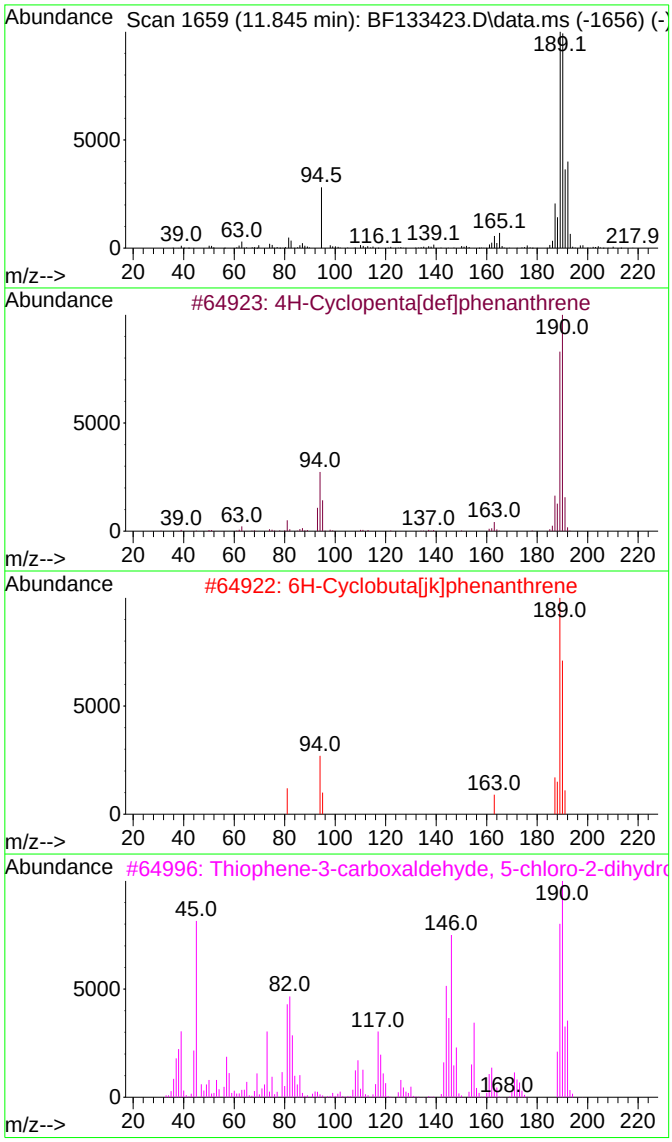
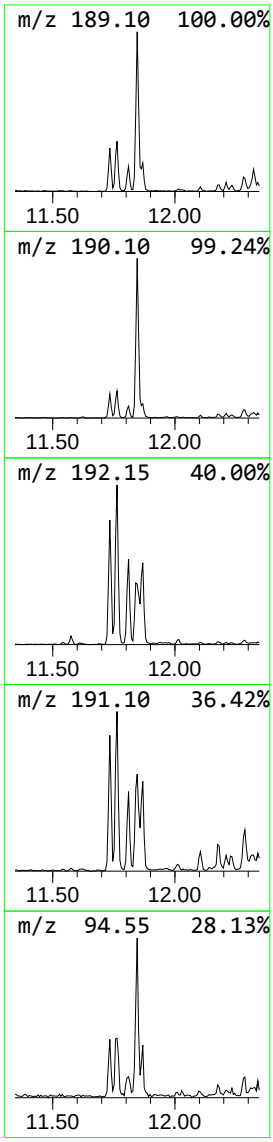
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	5.69 ng	535454	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Sample : 02812-18
Misc :
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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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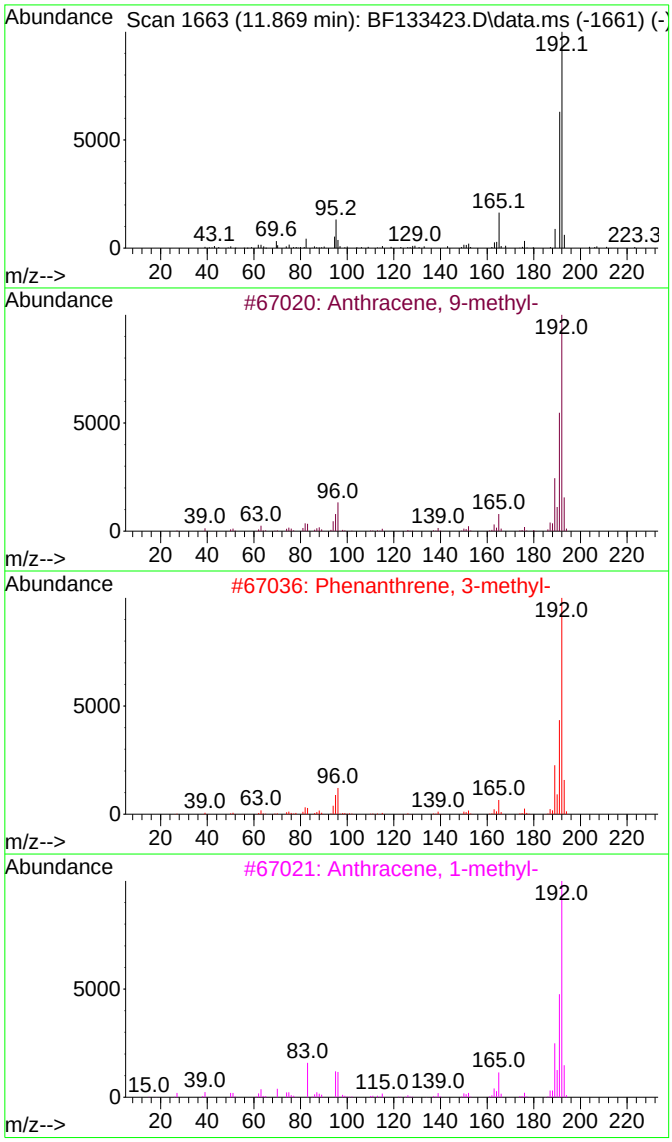
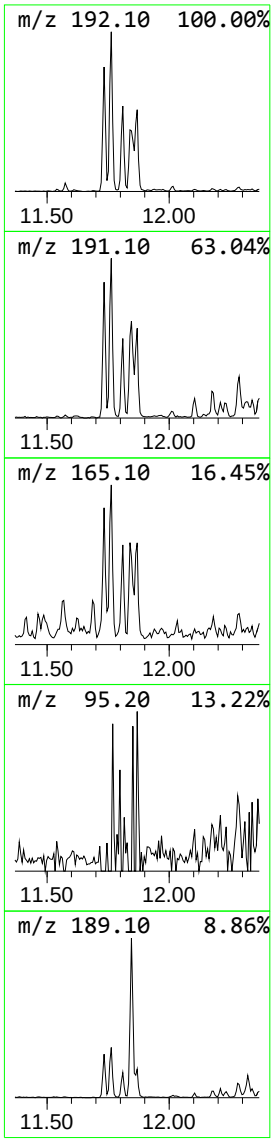
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	2.06 ng	193680	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	78





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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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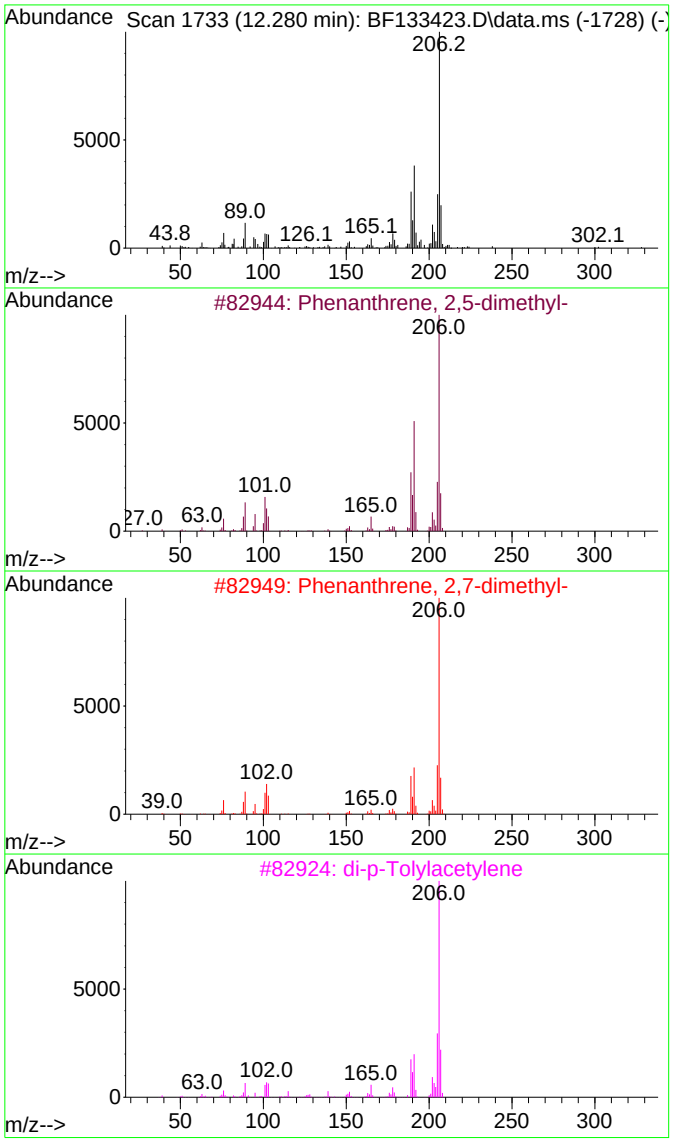
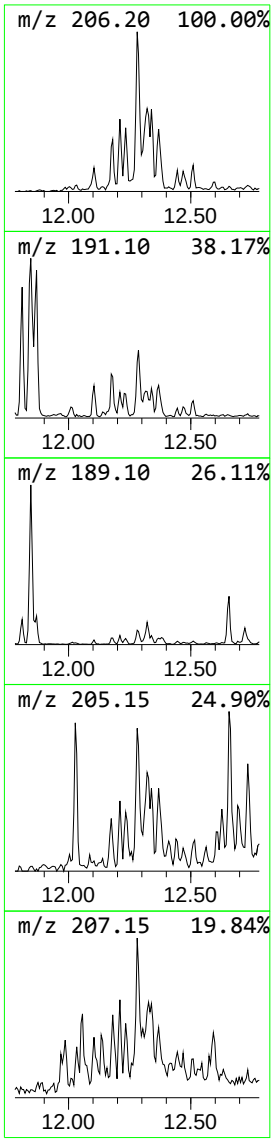
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	2.36 ng	222145	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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TIC Library : C:\Database\NIST20.L
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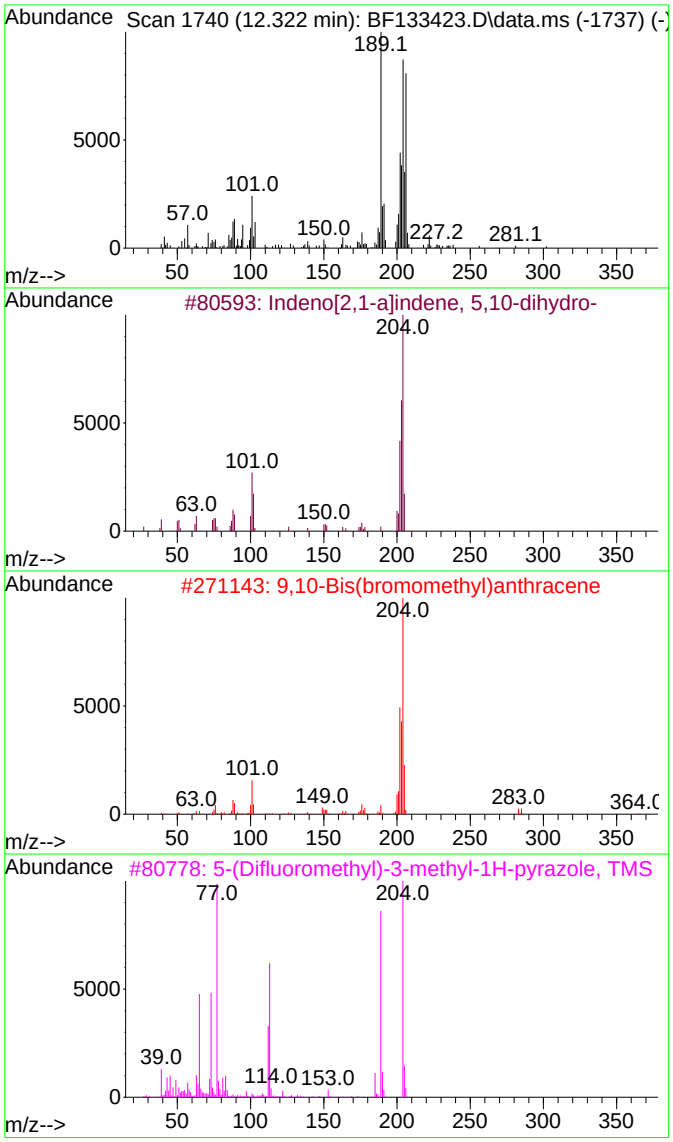
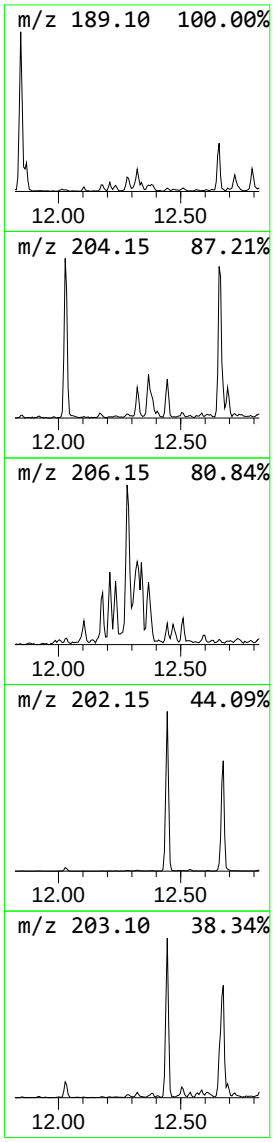
Peak Number 9 unknown12.322 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.322	2.13 ng	200959	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
3	5-(Difluoromethyl)-3-methyl-1H-p...	204	C8H14F2N2Si	1000498-58-2	38
4	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1010250-17-8	38
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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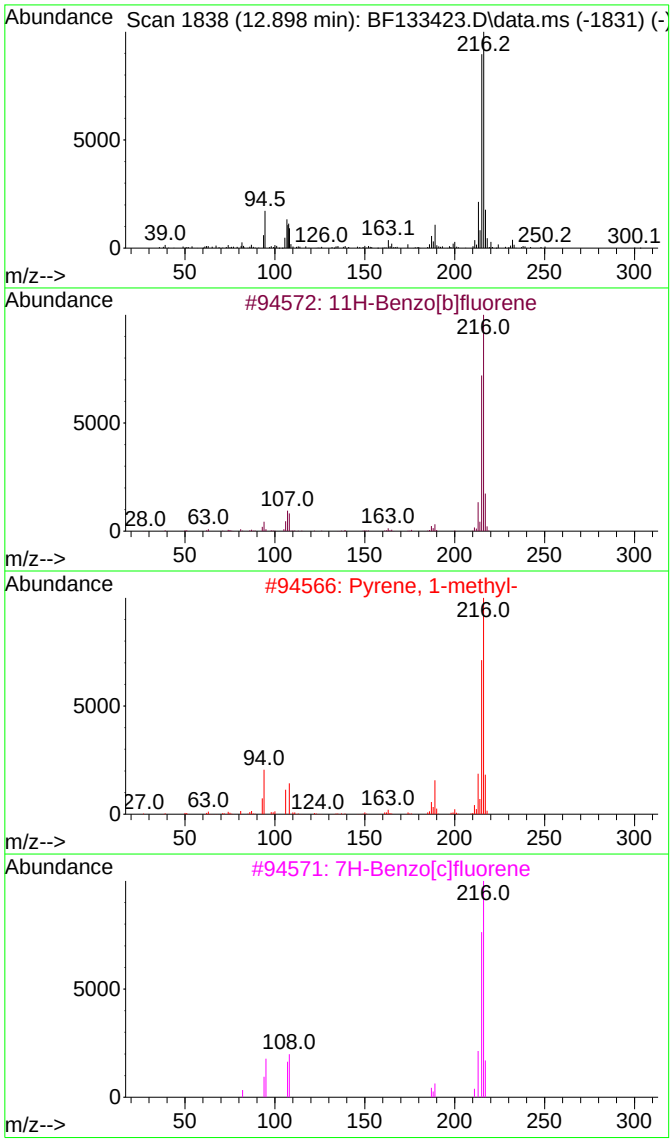
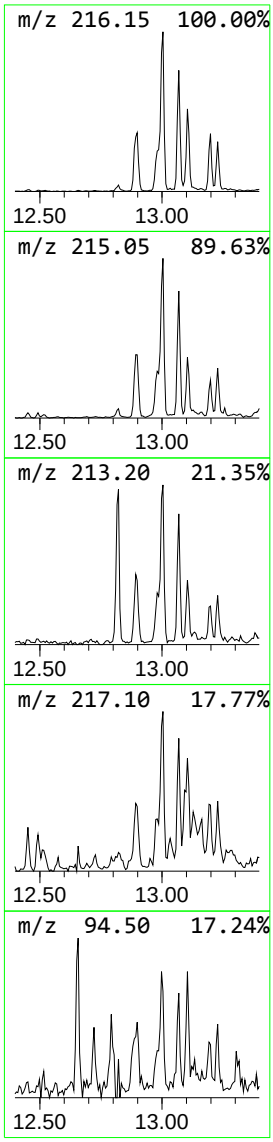
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.898	2.16 ng	232864	Chrysene-d12	13.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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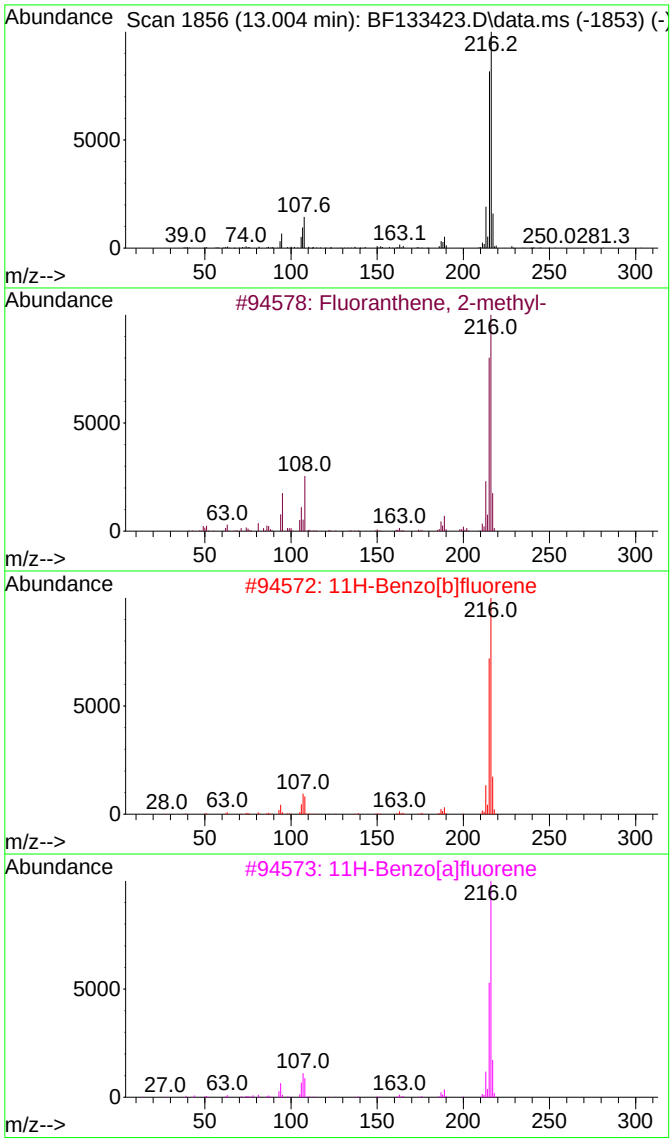
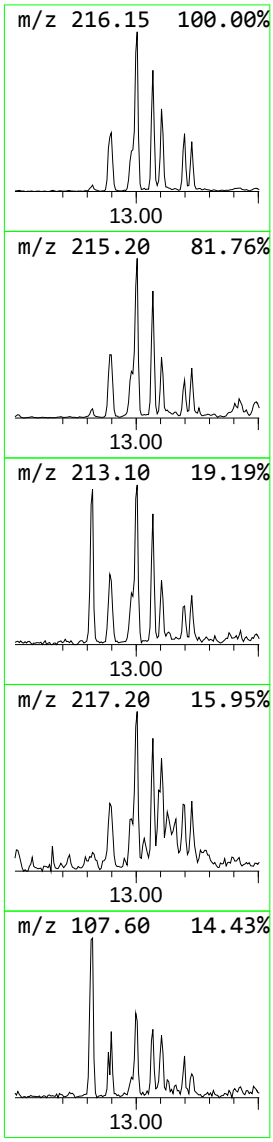
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.004	2.69 ng	289420	Chrysene-d12	13.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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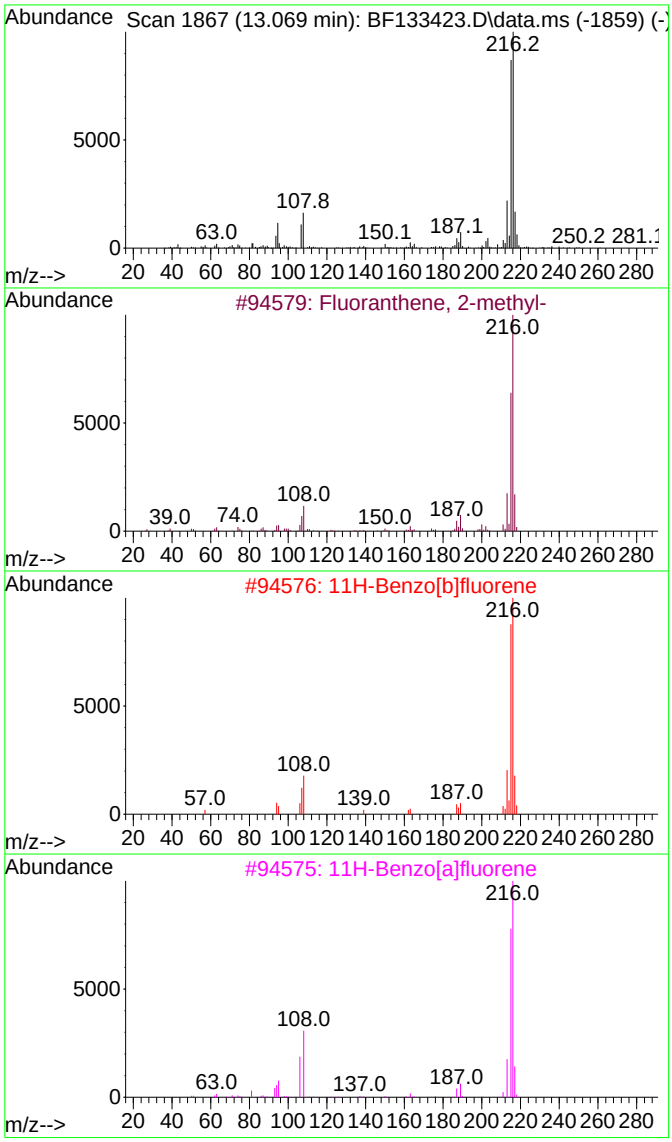
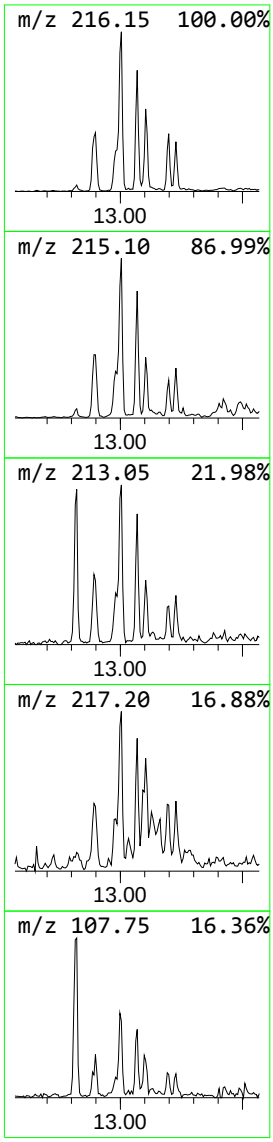
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	2.95 ng	318025	Chrysene-d12	13.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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TIC Library : C:\Database\NIST20.L
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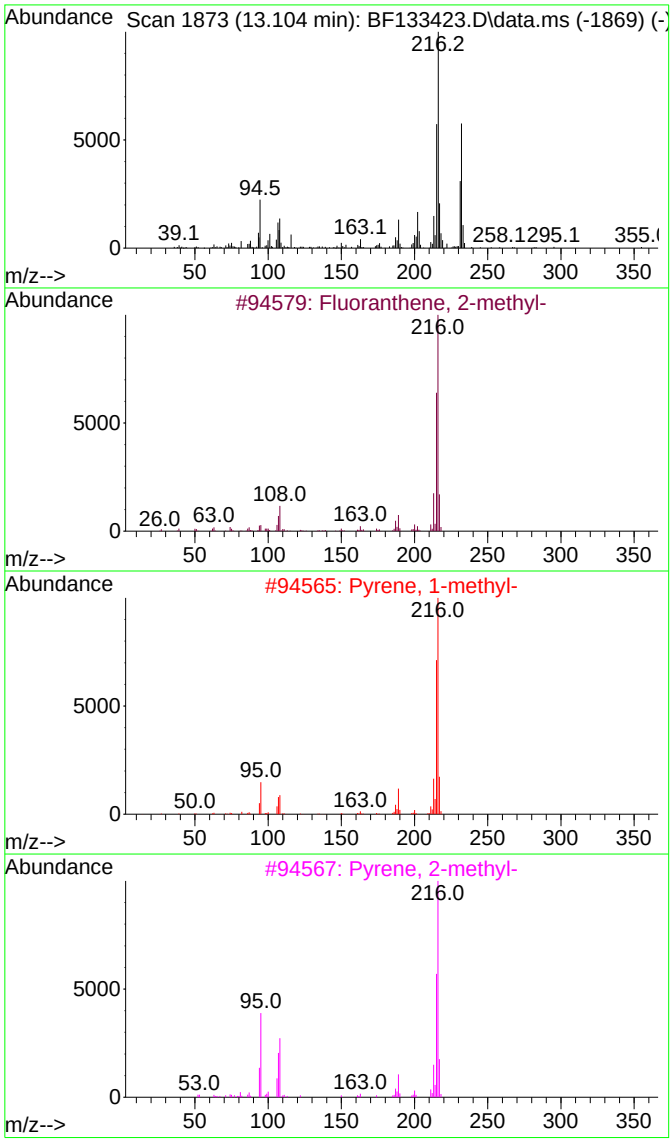
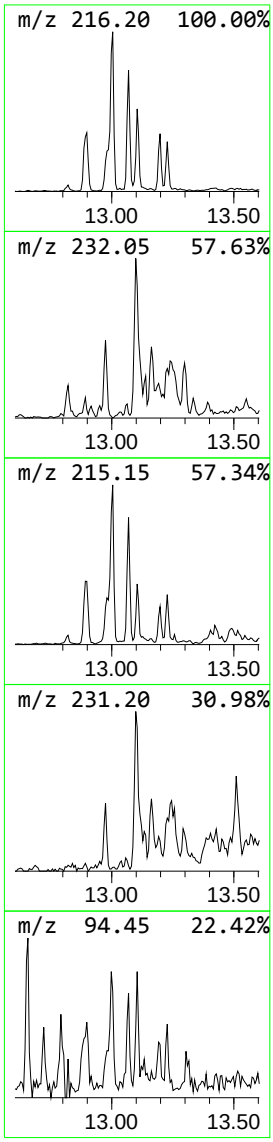
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	2.20 ng	236690	Chrysene-d12	13.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	53





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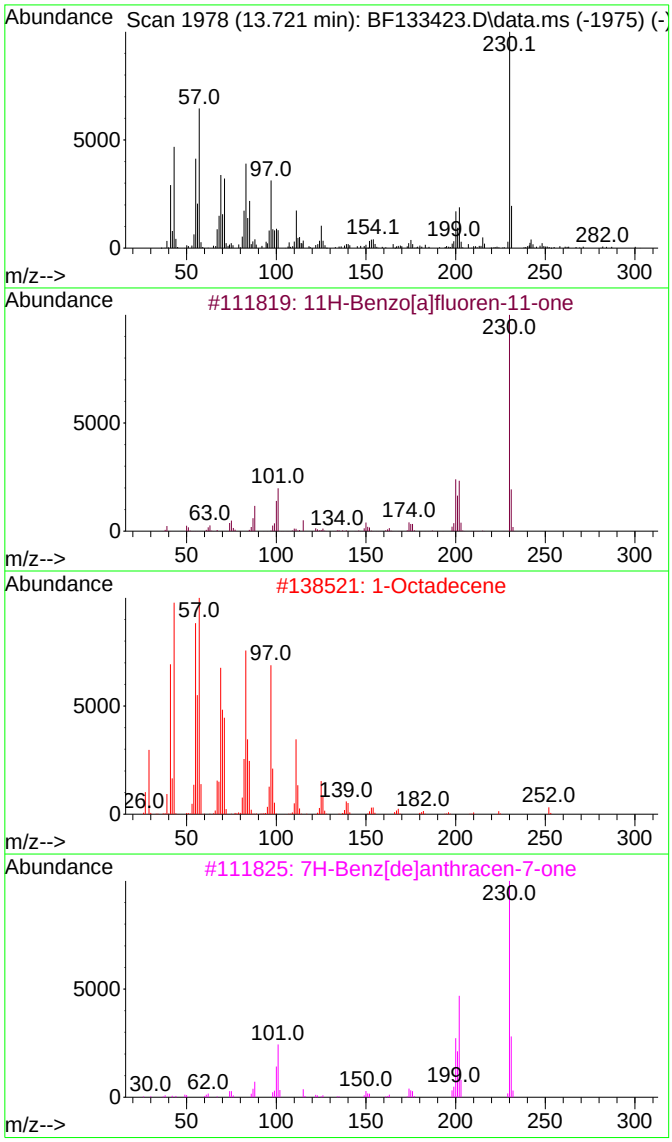
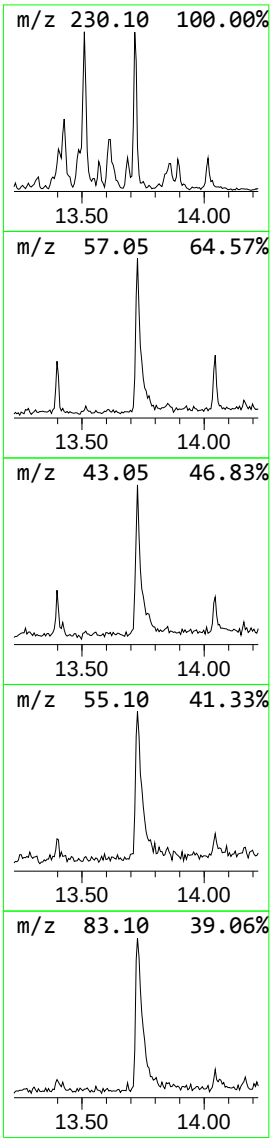
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	3.35 ng	360991	Chrysene-d12	13.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	70
2	1-Octadecene	252	C18H36	000112-88-9	53
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	49
4	m-Terphenyl	230	C18H14	000092-06-8	45
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	42





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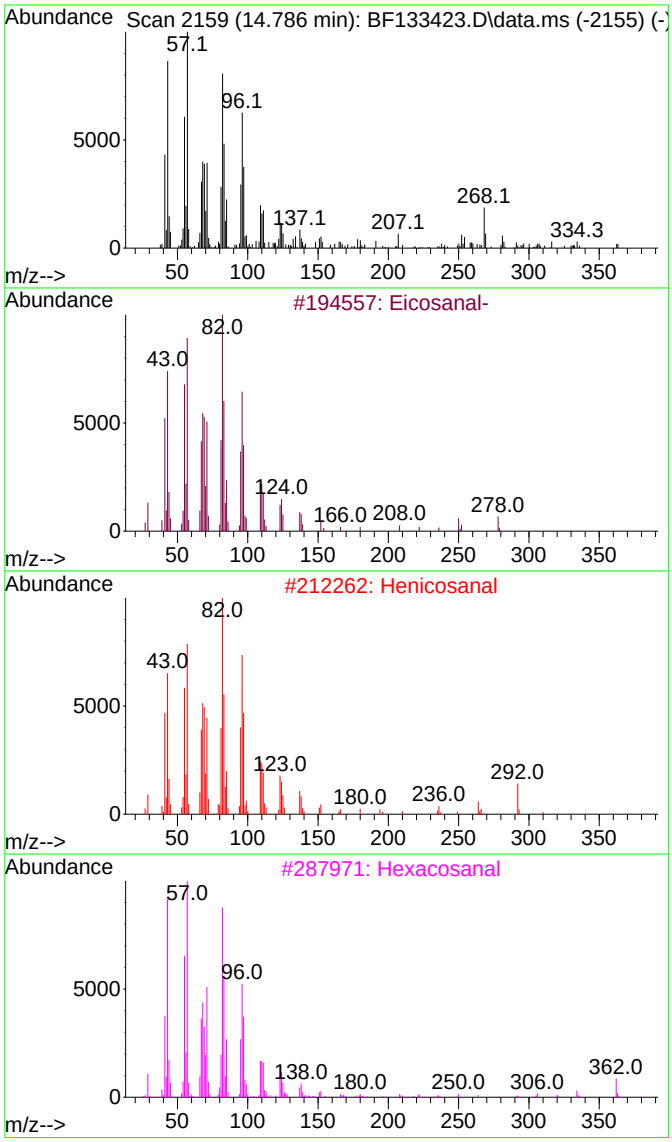
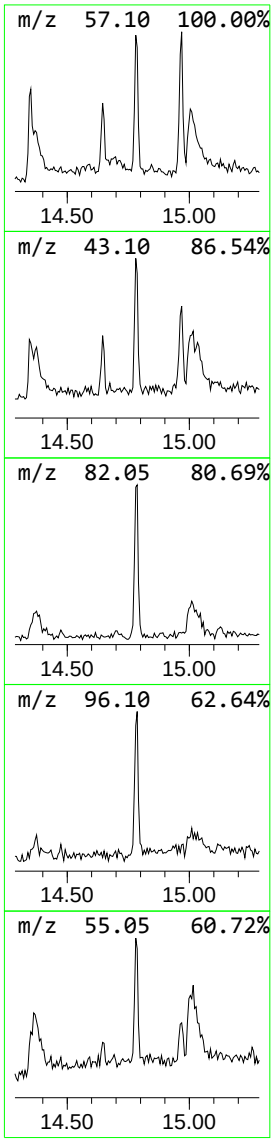
Peak Number 15 Eicosanal- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	2.94 ng	195606	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanal-	296	C20H40O	002400-66-0	94
2	Henicosanal	310	C21H42O	051227-32-8	93
3	Hexacosanal	380	C26H52O	026627-85-0	93
4	Tetracosanal	352	C24H48O	057866-08-7	93
5	Octadecanal	268	C18H36O	000638-66-4	91





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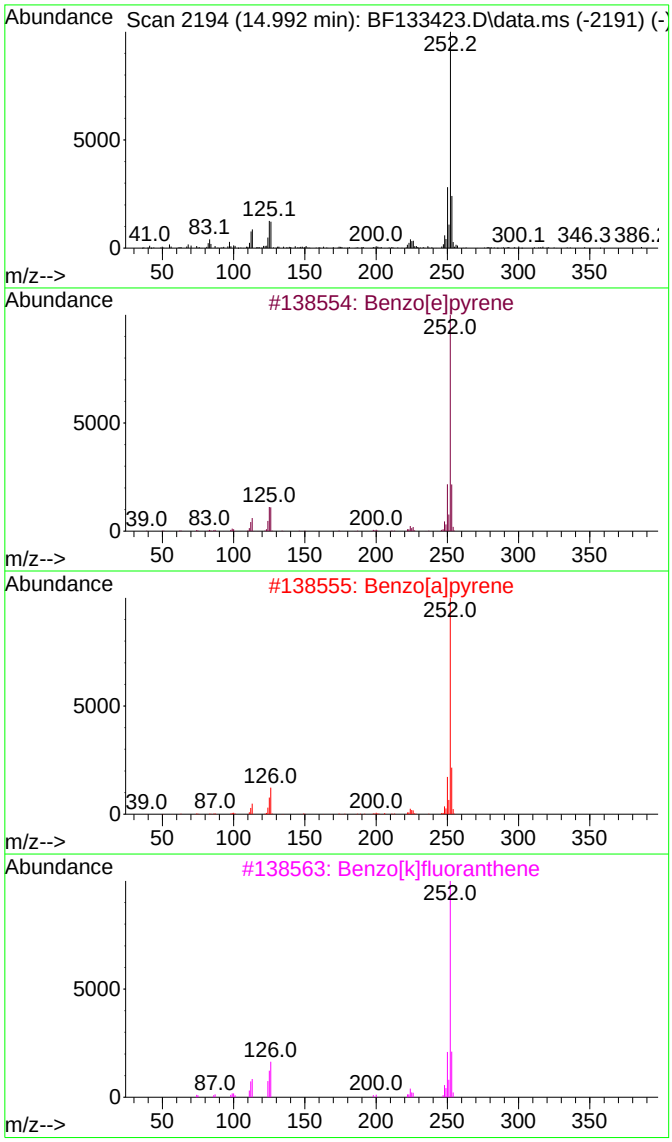
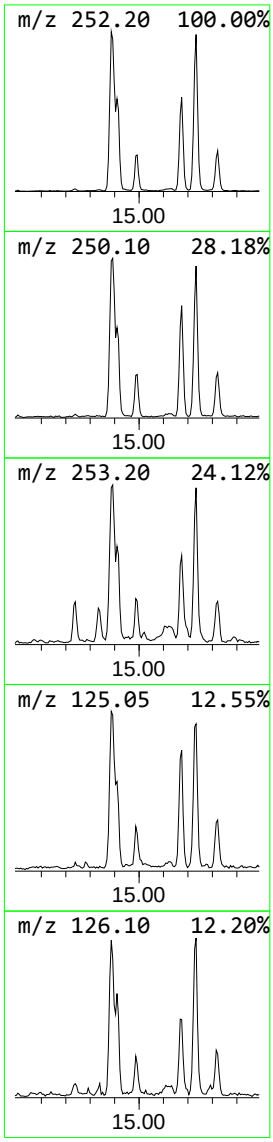
Peak Number 16 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.992	2.33 ng	155339	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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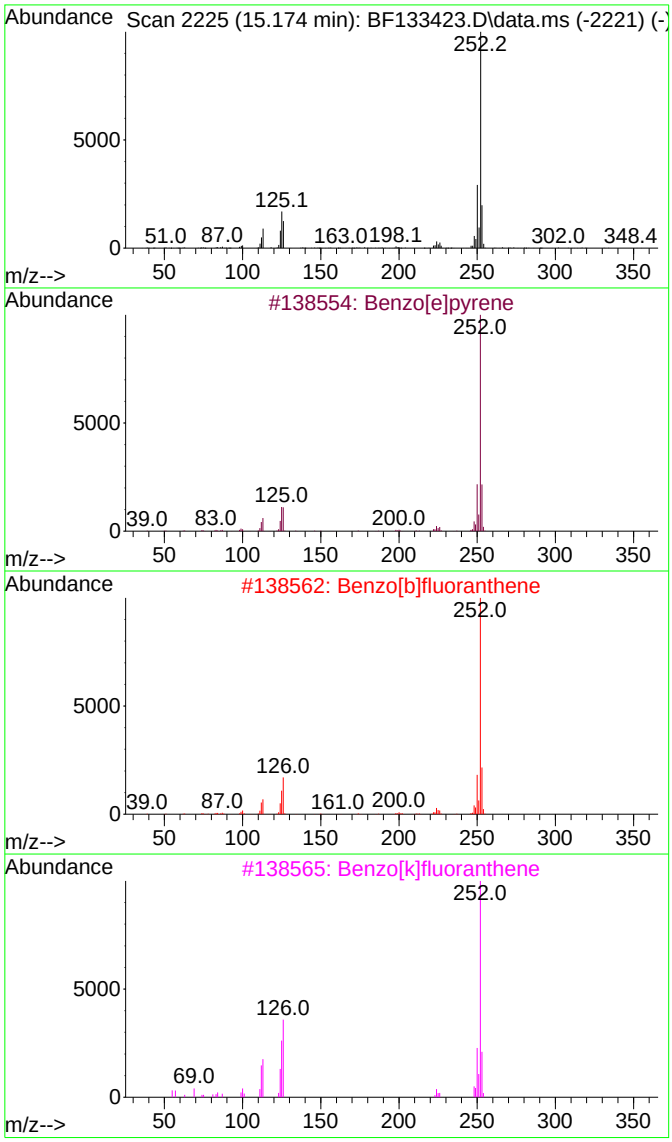
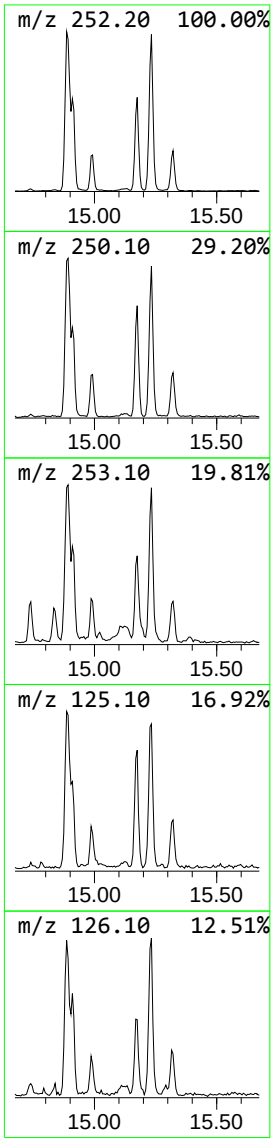
Peak Number 17 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	7.34 ng	488693	Perylene-d12	15.292

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	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133423.D
Acq On : 17 May 2023 20:22
Operator : CG\JU
Sample : 02812-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B1-0-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

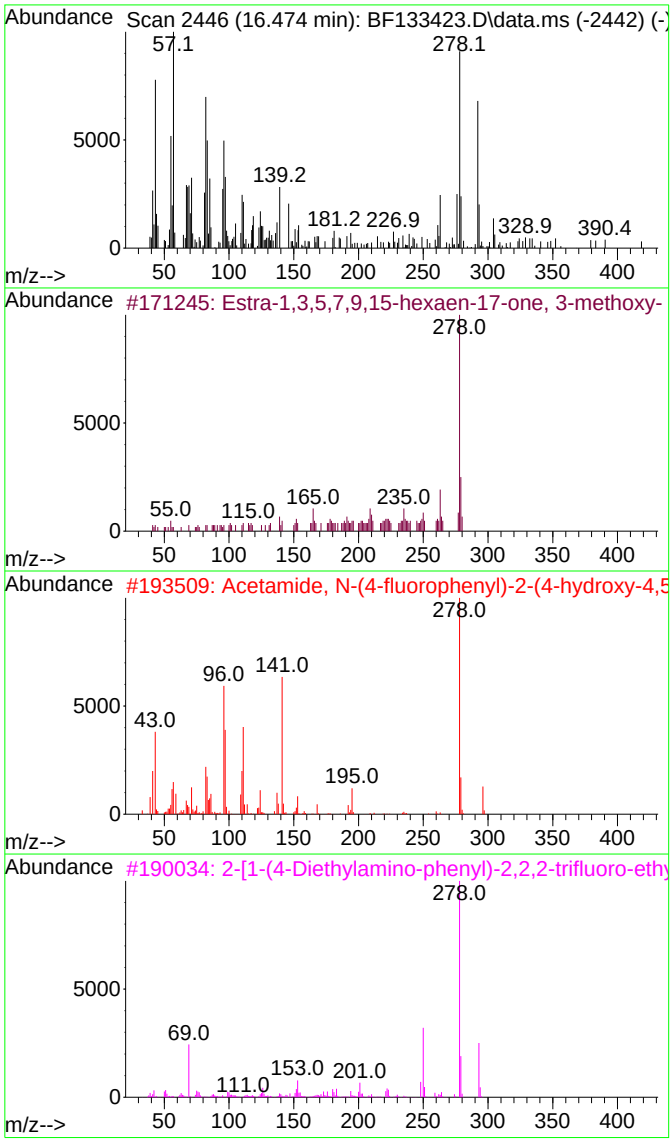
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

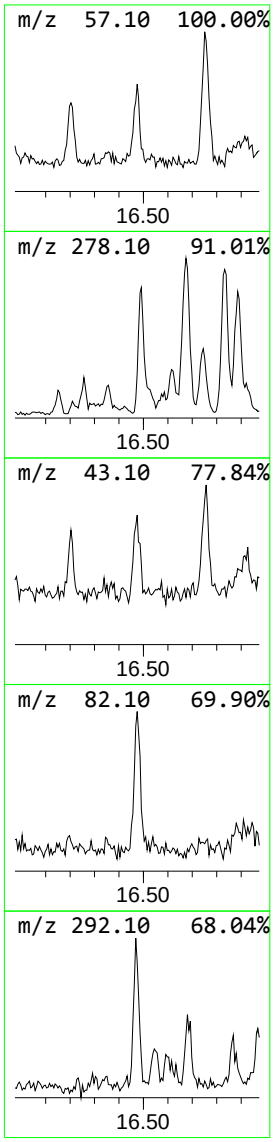
****

Peak Number 18 unknown16.474 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.474	2.19 ng	145855	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	45
2	Acetamide, N-(4-fluorophenyl)-2-...	296	C14H17FN2O4	1000304-98-1	38
3	2-[1-(4-Diethylamino-phenyl)-2,2...	293	C15H14F3N3	128451-11-6	30
4	2-Cinnamylidene-6-methoxycoumara...	278	C18H14O3	077765-15-2	30
5	[4,5'-Bipyrimidine]-2,2',4',6(1H...	278	C12H14N4O4	062880-87-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133423.D
Acq On : 17 May 2023 20:22
Operator : CG\JU
Sample : 02812-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B1-0-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
2-Pentanone, 4-...	4.893	15.7	ng	901527	1	6.710	1152090	20.0
Benzophenone	10.457	2.5	ng	219055	3	9.751	1784240	20.0
Anthracene, 2-m...	11.733	3.2	ng	304414	4	11.233	1882550	20.0
Phenanthrene, 2...	11.763	5.5	ng	521273	4	11.233	1882550	20.0
Phenanthrene, 1...	11.810	2.6	ng	241957	4	11.233	1882550	20.0
4H-Cyclopenta[d...	11.845	5.7	ng	535454	4	11.233	1882550	20.0
Anthracene, 9-m...	11.869	2.1	ng	193680	4	11.233	1882550	20.0
Phenanthrene, 2...	12.280	2.4	ng	222145	4	11.233	1882550	20.0
unknown12.322	12.322	2.1	ng	200959	4	11.233	1882550	20.0
11H-Benzo[b]flu...	12.898	2.2	ng	232864	5	13.868	2153600	20.0
Fluoranthene, 2...	13.004	2.7	ng	289420	5	13.868	2153600	20.0
11H-Benzo[a]flu...	13.069	3.0	ng	318025	5	13.868	2153600	20.0
Pyrene, 1-methyl-	13.104	2.2	ng	236690	5	13.868	2153600	20.0
11H-Benzo[a]flu...	13.722	3.4	ng	360991	5	13.868	2153600	20.0
Eicosanal-	14.786	2.9	ng	195606	6	15.292	1331380	20.0
Benzo[e]pyrene	14.992	2.3	ng	155339	6	15.292	1331380	20.0
Benzo[j]fluoran...	15.174	7.3	ng	488693	6	15.292	1331380	20.0
unknown16.474	16.474	2.2	ng	145855	6	15.292	1331380	20.0