LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128905.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.392	524	528	541	rBV	3113419	3031834	81.60%	9.757%
2	6.410	697	701	714	rBV	3048089	3146059	84.67%	10.125%
3	6.751	755	759	763	rBV	935723	728804	19.61%	2.346%
4	7.322	851	856	859	rBV	2182398	2100992	56.54%	6.762%
5	8.033	971	977	980	rBV	1095296	955436	25.71%	3.075%
6	8.745	1096	1098	1101	rVB	53715	45570	1.23%	0.147%
7	8.845	1112	1115	1119	rVB	49604	46425	1.25%	0.149%
8	9.116	1155	1161	1164	rBV	4336411	3715624	100.00%	11.958%
9	9.380	1201	1206	1209	rBV2	44906	56956	1.53%	0.183%
10	9.445	1214	1217	1220	rBV	70224	70060	1.89%	0.225%
11	9.563	1234	1237	1244	rVB	44540	55778	1.50%	0.180%
12	9.651	1246	1252	1256	rBV	62764	64334	1.73%	0.207%
13	9.792	1268	1276	1279	rBV	1087681	1005334	27.06%	3.235%
14	9.822	1279	1281	1284	rVB	116708	91260	2.46%	0.294%
15	9.945	1298	1302	1306	rBV3	31709	42926	1.16%	0.138%
16	9.992	1306	1310	1314	rVV	80319	86325	2.32%	0.278%
17	10.033	1314	1317	1321	rVB4	42111	46840	1.26%	0.151%
18	10.216	1346	1348	1351	rVB2	61637	50080	1.35%	0.161%
19	10.333	1364	1368	1374	rBV2	119739	120863	3.25%	0.389%
20	10.492	1392	1395	1399	rVB3	40871	42182	1.14%	0.136%
21	10.580	1406	1410	1414	rBV	1940453	1669242	44.92%	5.372%
22	10.704	1426	1431	1437	rVB3	79119	134819	3.63%	0.434%
23	10.880	1457	1461	1464	rBV3	45571	64284	1.73%	0.207%
24	11.080	1492	1495	1499	rVB	70000	68915	1.85%	0.222%
25	11.139	1499	1505	1507	rVV2	79414	87218	2.35%	0.281%
26	11.169	1507	1510	1518	rVB	109999	112123	3.02%	0.361%
27	11.274	1524	1528	1530	rBV	983469	809405	21.78%	2.605%
28	11.298	1530	1532	1535	rVV	1040342	820947	22.09%	2.642%
29	11.351	1536	1541	1544	rVB	211225	195707	5.27%	0.630%
30	11.510	1565	1568	1572	rBV	46469	56039	1.51%	0.180%
31	11.569	1575	1578	1581	rBV2	75747	65501	1.76%	0.211%
32	11.604	1582	1584	1590	rVB2	58534	64625	1.74%	0.208%
33	11.669	1592	1595	1597	rBV	81099	64793	1.74%	0.209%
34	11.774	1610	1613	1616	rBV	187836	174325	4.69%	0.561%
35	11.804	1616	1618	1623	rVV2	288744	284310	7.65%	0.915%
36	11.851	1624	1626	1629	rVV	68530	64610	1.74%	0.208%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.886	1629	1632	1635	rVV2	280278	312148	8.40%	1.005%
38	11.910	1635	1636	1640	rVB	176940	110414	2.97%	0.355%
39	11.974	1643	1647	1651	rBV3	49617	59973	1.61%	0.193%
40	12.074	1661	1664	1666	rBV	118577	107168	2.88%	0.345%
41	12.104	1666	1669	1672	rVB	144417	113965	3.07%	0.367%
42	12.251	1692	1694	1697	rBV	49603	44948	1.21%	0.145%
43	12.327	1704	1707	1709	rBV	123023	115623	3.11%	0.372%
44	12.357	1709	1712	1714	rBV2	137995	166531	4.48%	0.536%
45	12.416	1719	1722	1727	rBV	100697	95755	2.58%	0.308%
46	12.492	1731	1735	1738	rBV	937320	805683	21.68%	2.593%
47	12.598	1749	1753	1755	rBV2	45557	59504	1.60%	0.192%
48	12.721	1768	1774	1779	rBV	1026977	1039787	27.98%	3.346%
49	12.774	1779	1783	1787	rVB2	48534	71125	1.91%	0.229%
50	12.863	1794	1798	1802	rVB	2748077	2612341	70.31%	8.407%
51	12.939	1807	1811	1818	rBV5	84380	133057	3.58%	0.428%
52	13.027	1823	1826	1827	rBV2	83219	91063	2.45%	0.293%
53	13.045	1827	1829	1832	rVB	134429	131479	3.54%	0.423%
54	13.092	1834	1837	1839	rBV	66515	66257	1.78%	0.213%
55	13.115	1839	1841	1843	rVB	72906	49005	1.32%	0.158%
56	13.151	1844	1847	1850	rBV2	120964	110697	2.98%	0.356%
57	13.245	1860	1863	1865	rBV	85121	76988	2.07%	0.248%
58	13.274	1865	1868	1871	rVB	105321	92083	2.48%	0.296%
59	13.433	1892	1895	1899	rBV4	70964	88202	2.37%	0.284%
60	13.557	1914	1916	1921	rVB	98648	104178	2.80%	0.335%
61	13.668	1932	1935	1937	rBV	87687	78502	2.11%	0.253%
62	13.692	1937	1939	1942	rVB	79036	61017	1.64%	0.196%
63	13.768	1949	1952	1956	rVB2	135116	135127	3.64%	0.435%
64	13.833	1958	1963	1966	rBV4	71297	152532	4.11%	0.491%
65	13.921	1973	1978	1980	rBV2	807628	1090193	29.34%	3.509%
66	13.945	1980	1982	1988	rVB	443671	360474	9.70%	1.160%
67	14.310	2041	2044	2047	rVB	105299	95583	2.57%	0.308%
68	14.339	2047	2049	2052	rBV	62781	51426	1.38%	0.166%
69	14.386	2054	2057	2062	rBV4	95198	137352	3.70%	0.442%
70	14.668	2102	2105	2111	rBV2	316374	358715	9.65%	1.154%
71	14.951	2149	2153	2156	rBV	268317	383469	10.32%	1.234%
72	15.239	2200	2202	2207	rVB	151023	175311	4.72%	0.564%
73	15.304	2209	2213	2219	rVV	246930	301158	8.11%	0.969%
74	15.362	2219	2223	2235	rVB2	462226	681667	18.35%	2.194%
75	17.209	2533	2537	2544	rBV	55893	111240	2.99%	0.358%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

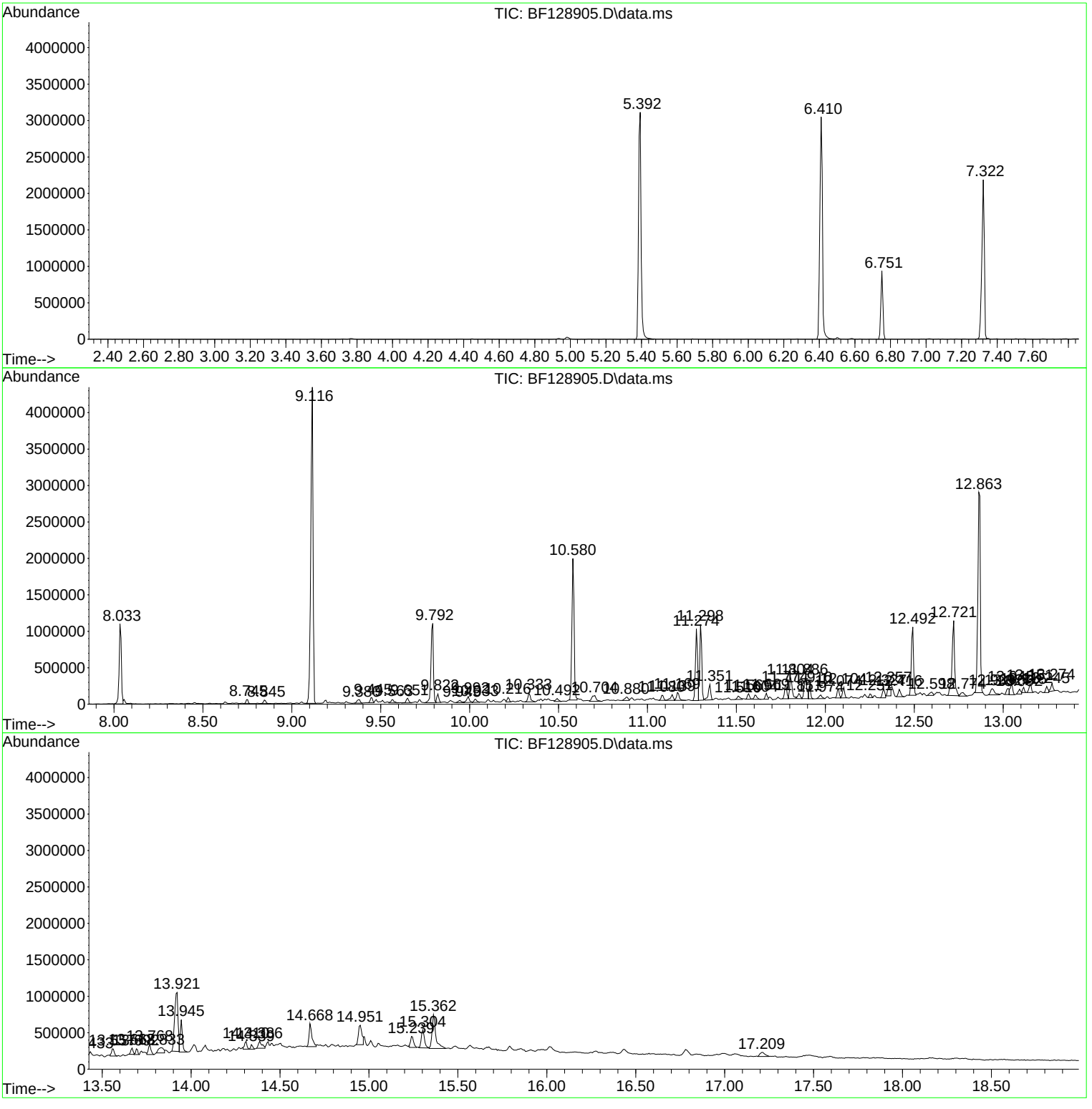
Sum of corrected areas: 31072285

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

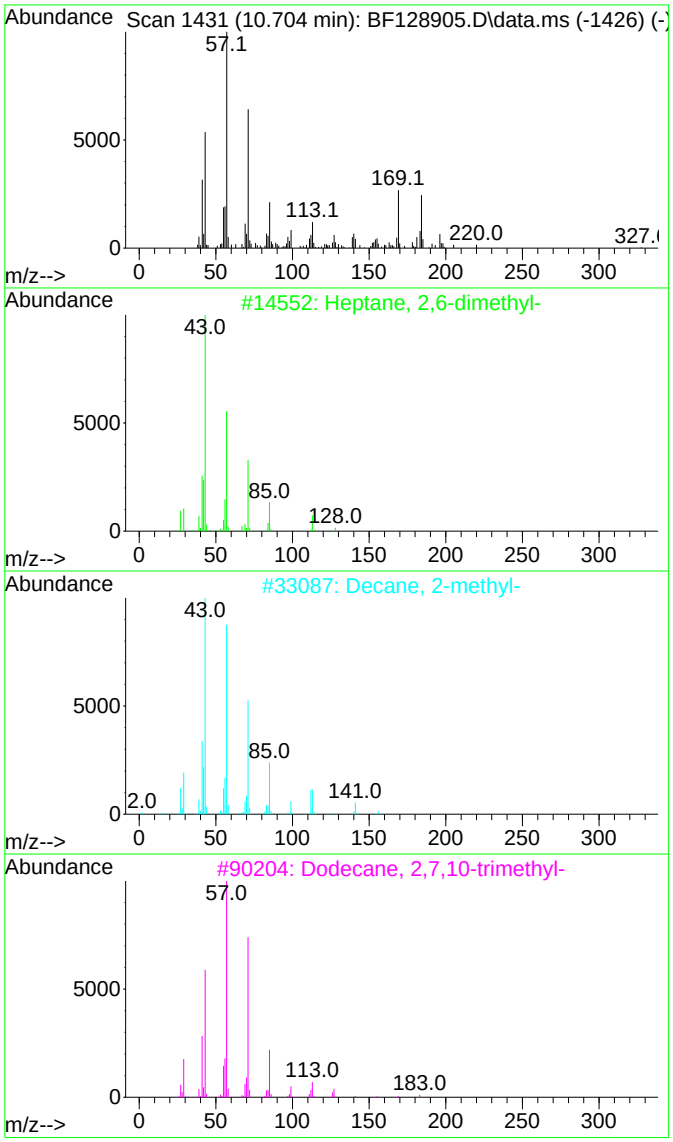
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

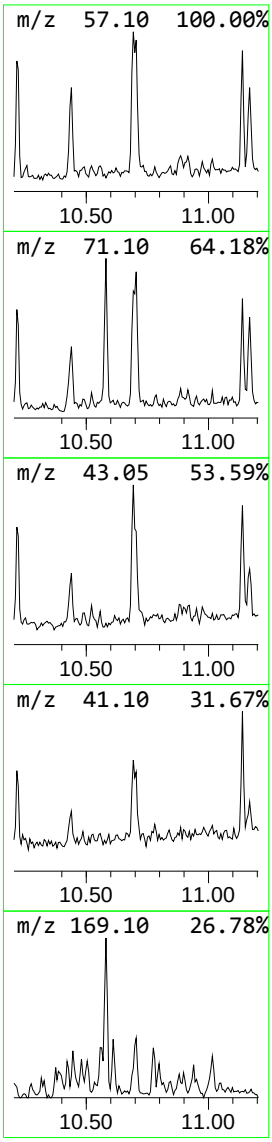
****

Peak Number 1 Heptane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	3.33 ng	134819	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	52
2	Decane, 2-methyl-	156	C11H24	006975-98-0	52
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	49
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

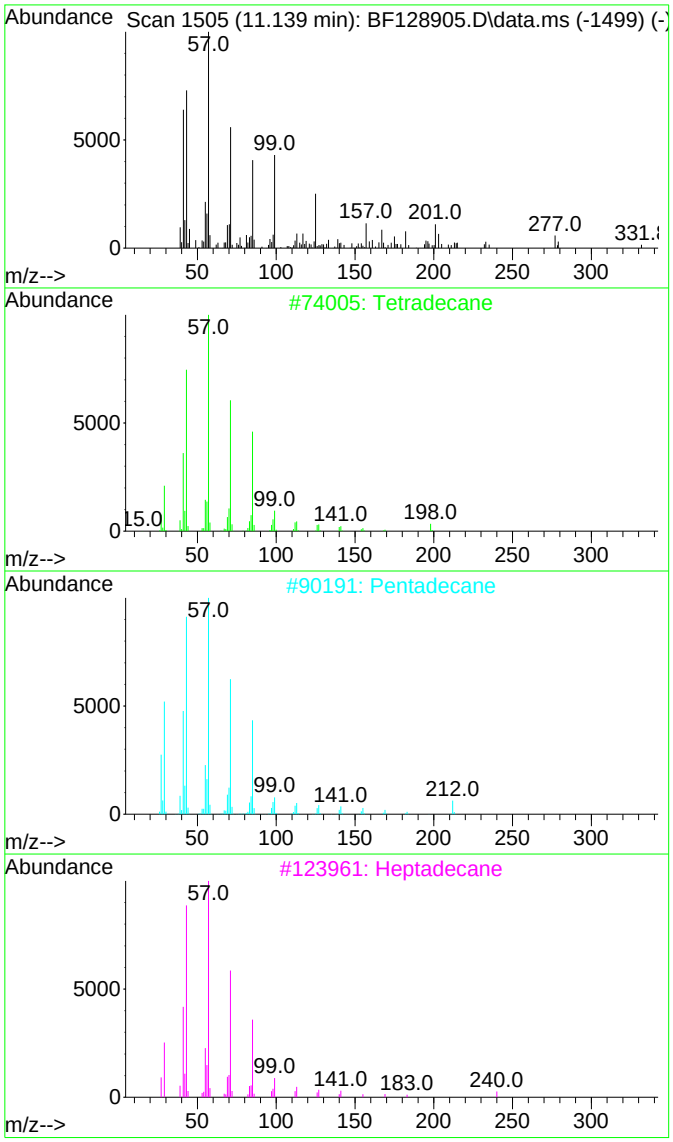
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

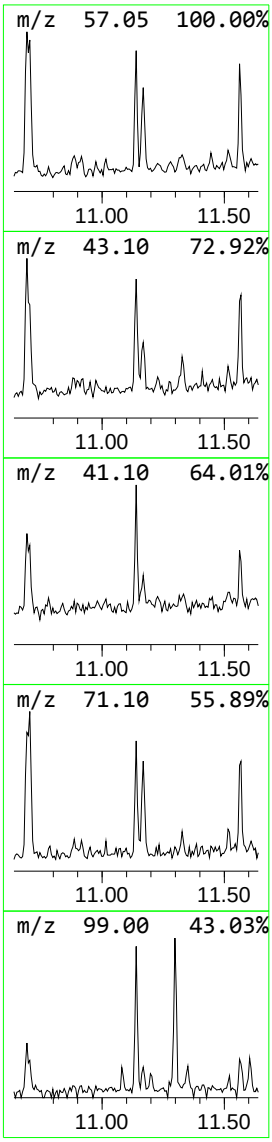
****

Peak Number 2 unknown11.139 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.139	2.16 ng	87218	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	46
2	Pentadecane	212	C15H32	000629-62-9	46
3	Heptadecane	240	C17H36	000629-78-7	46
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	46
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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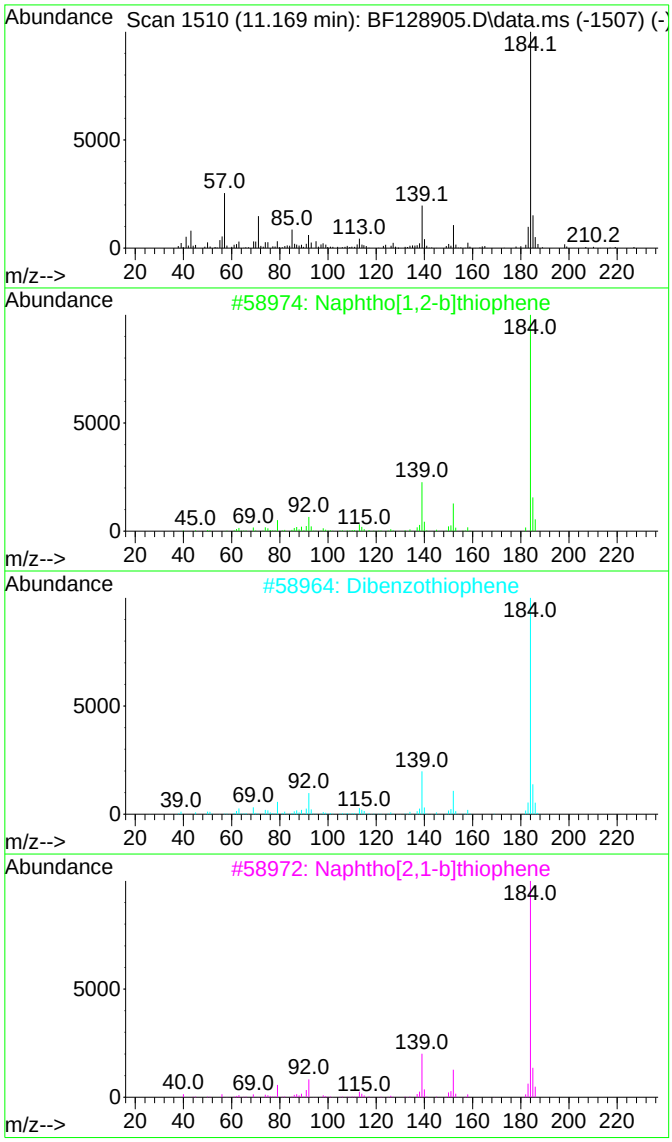
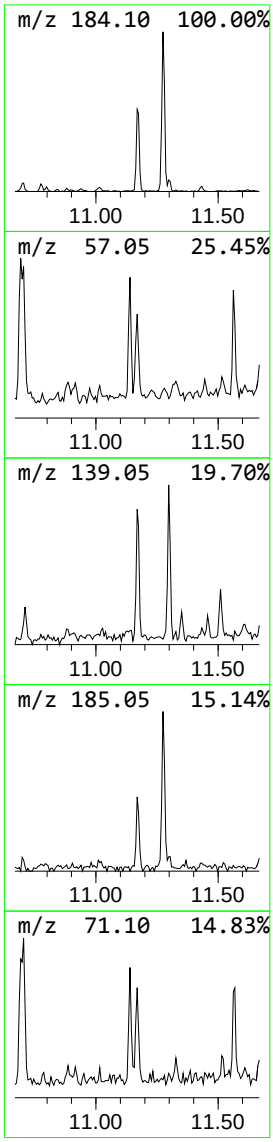
Peak Number 3 Naphtho[1,2-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	2.77 ng	112123	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 21 Jun 2022 19:00
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Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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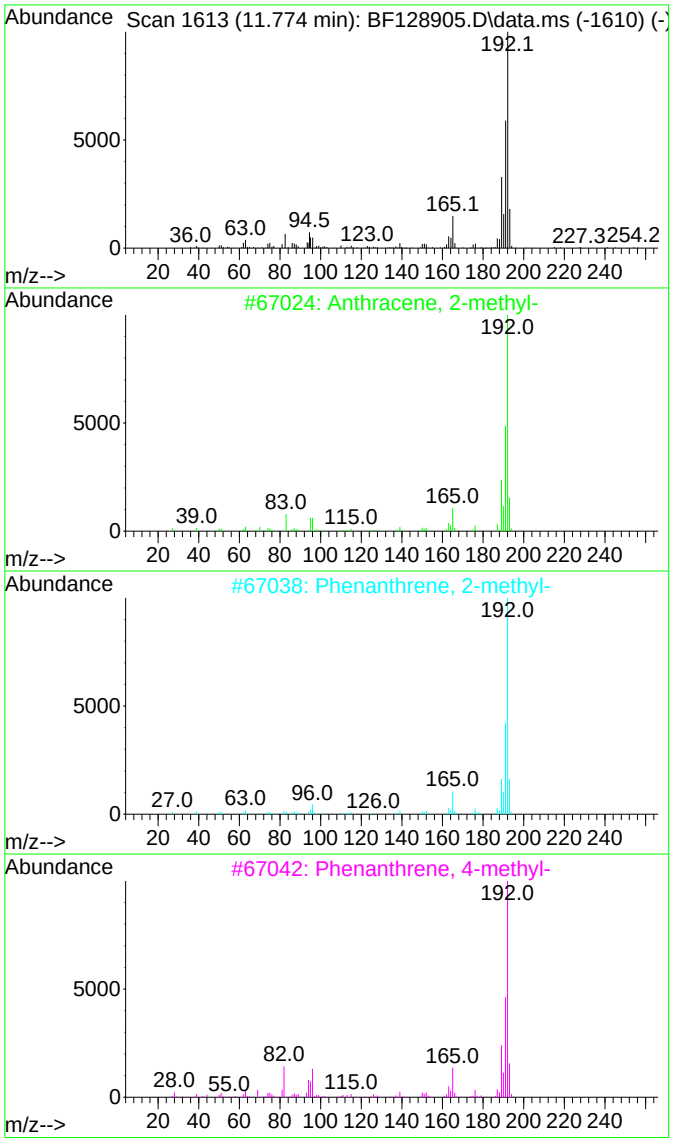
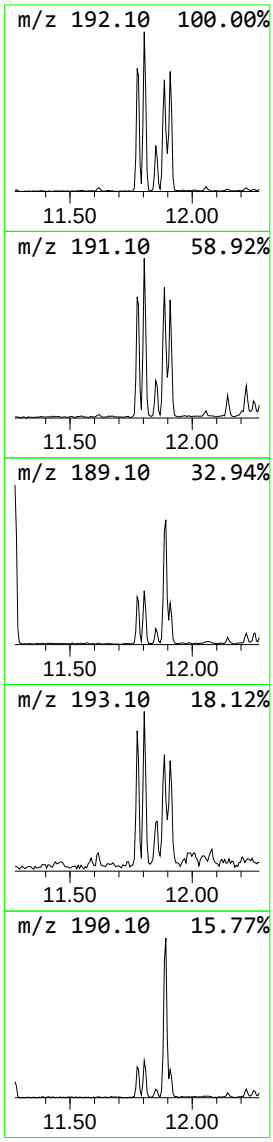
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	4.31 ng	174325	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

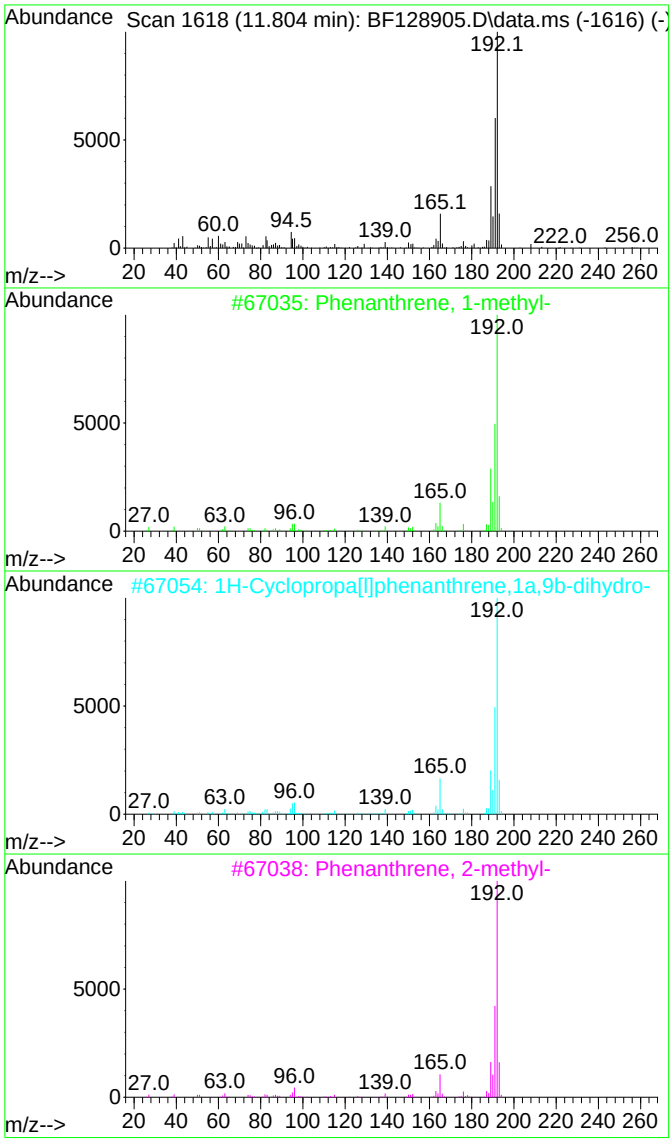
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

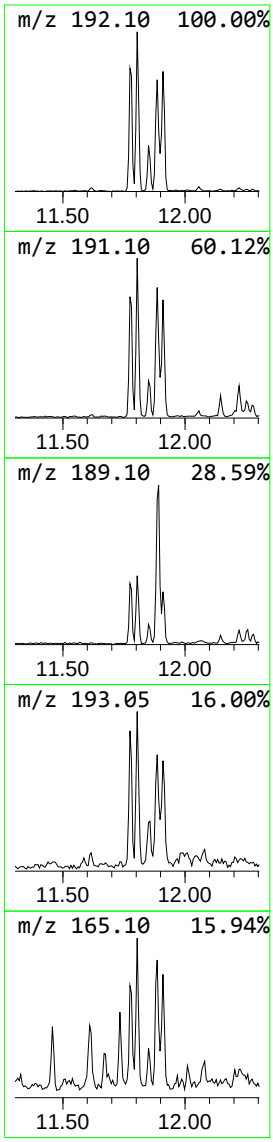
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	7.03 ng	284310	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

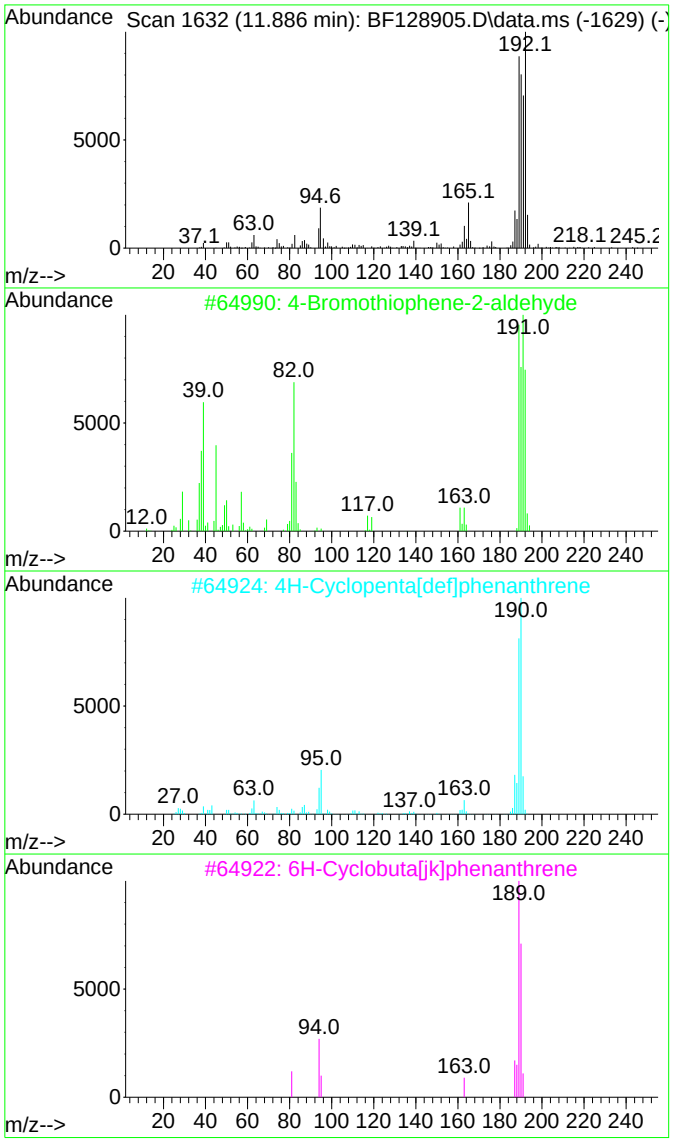
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

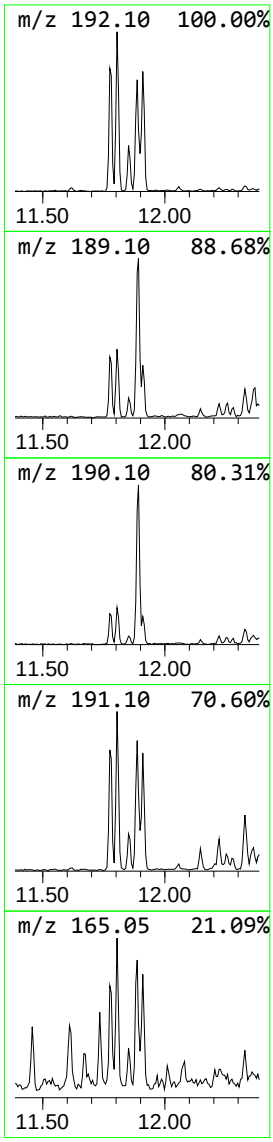
****

Peak Number 6 4-Bromothiophene-2-aldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	7.71 ng	312148	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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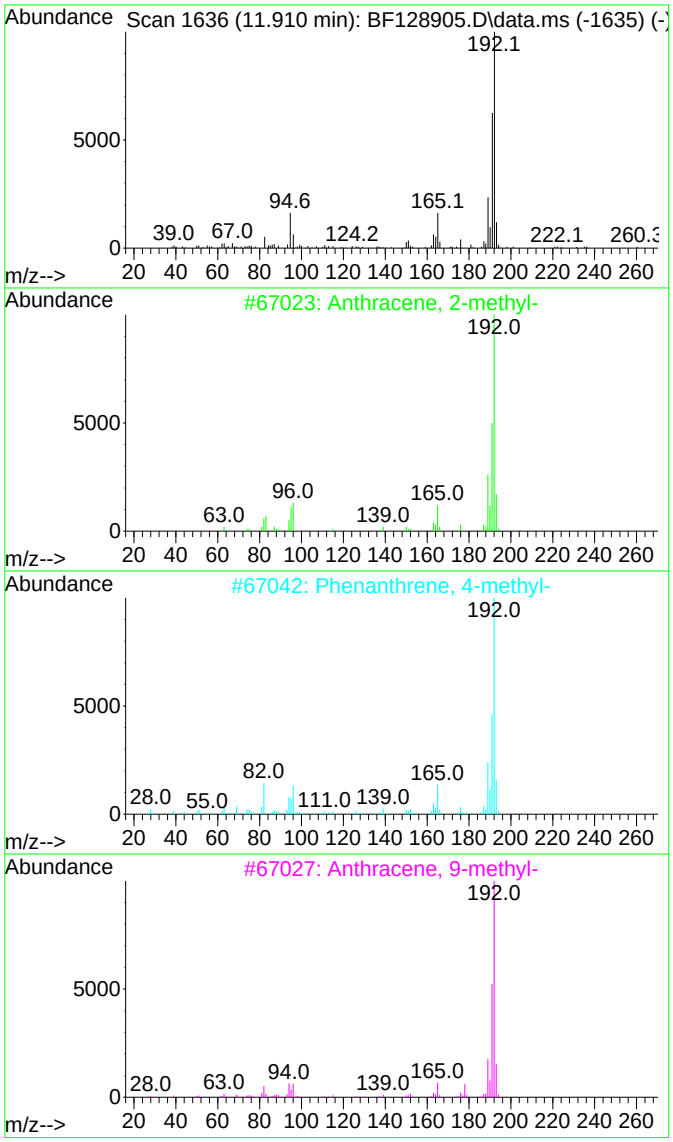
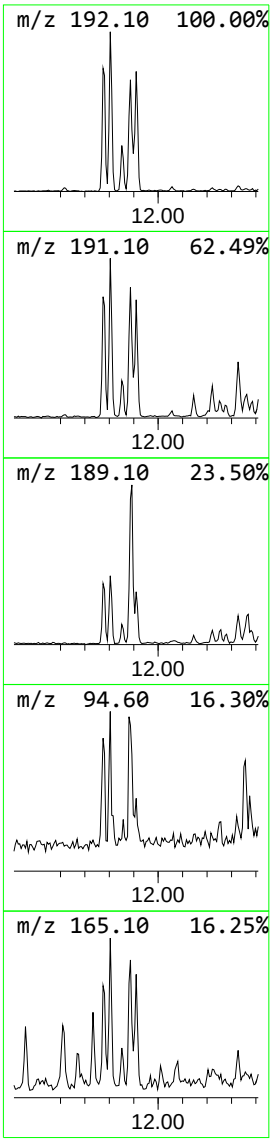
Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	2.73 ng	110414	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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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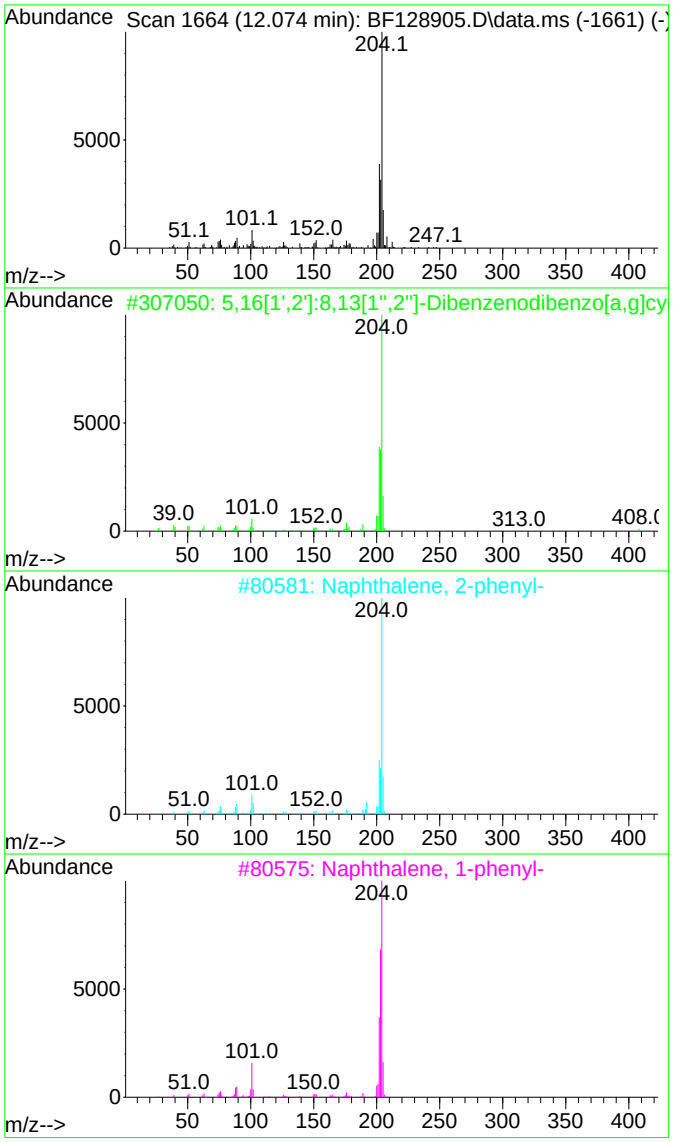
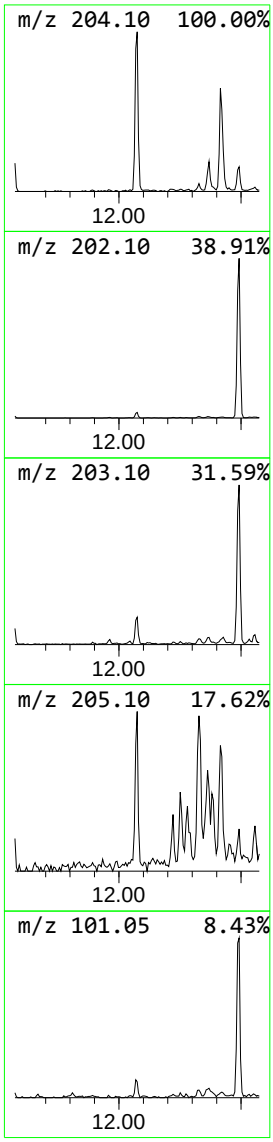
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	2.65 ng	107168	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53





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Sample : N3384-01
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ALS Vial : 6 Sample Multiplier: 1

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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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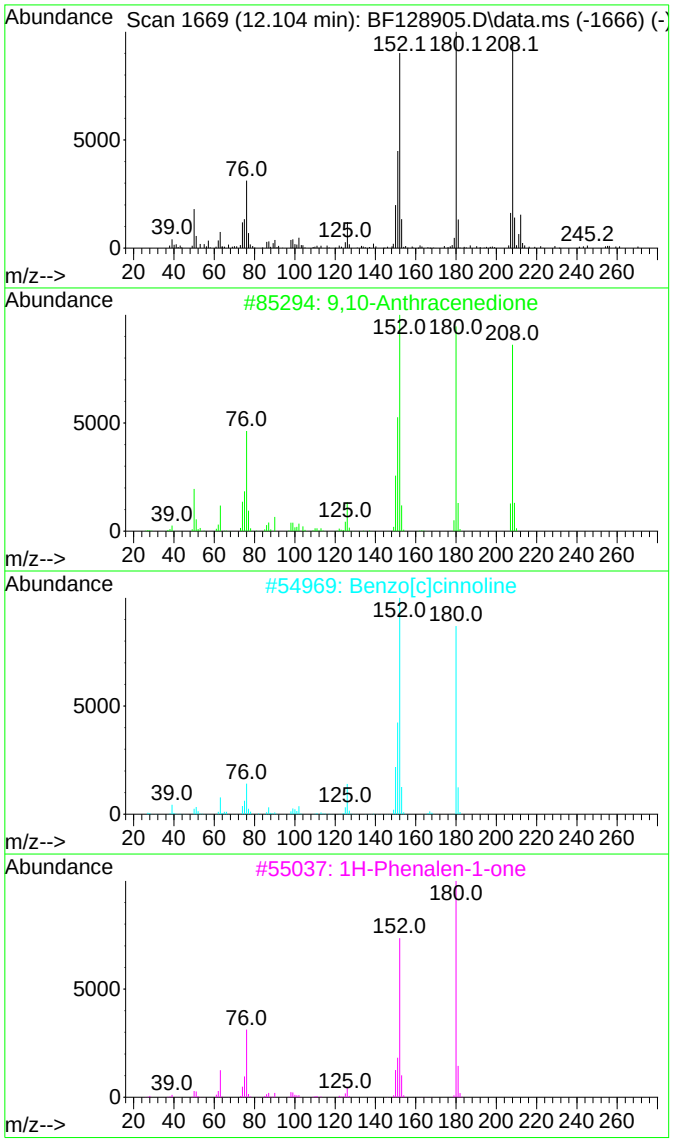
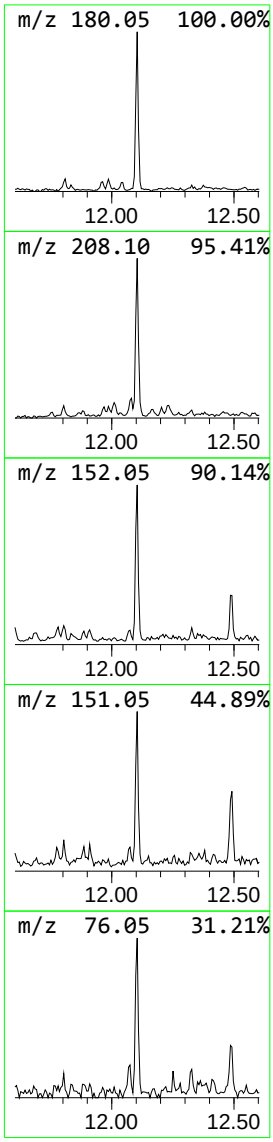
Peak Number 9 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	2.82 ng	113965	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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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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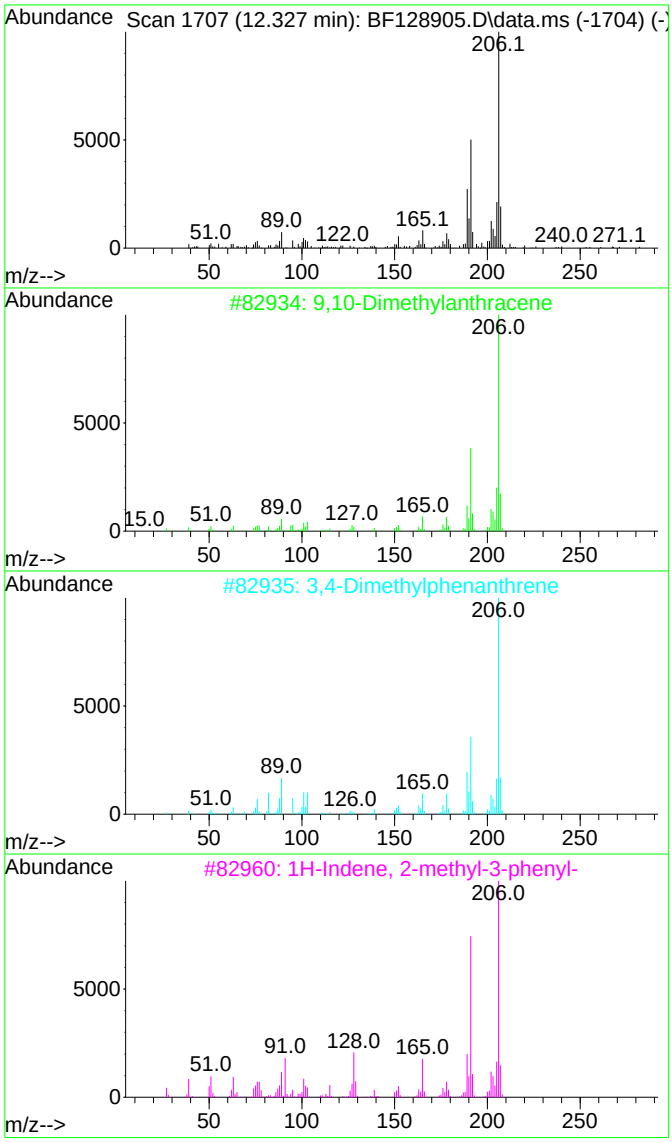
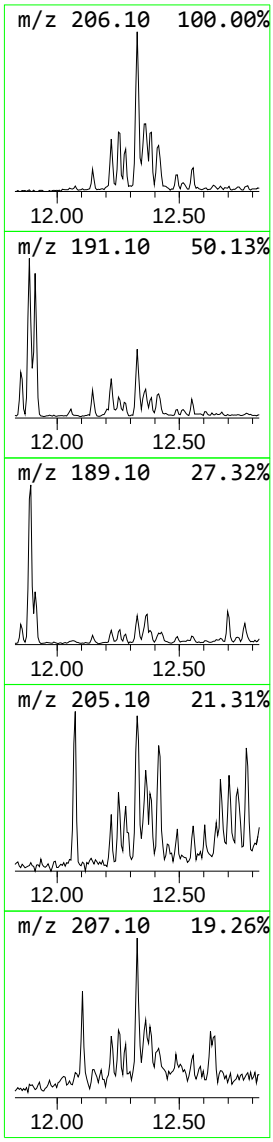
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	2.86 ng	115623	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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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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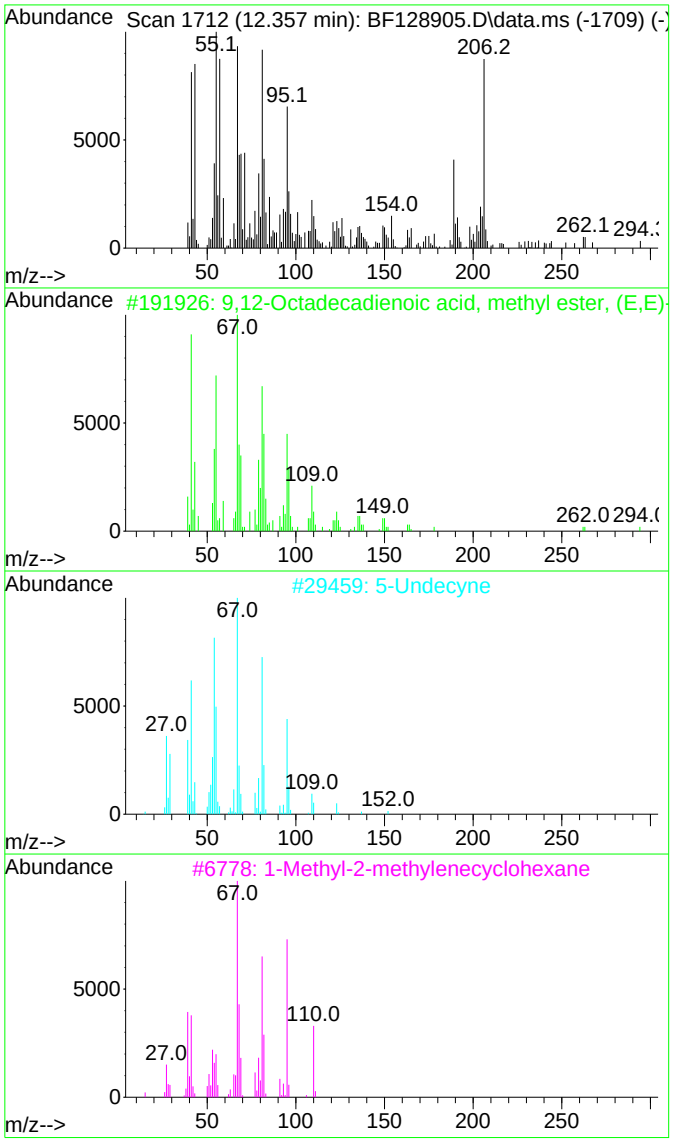
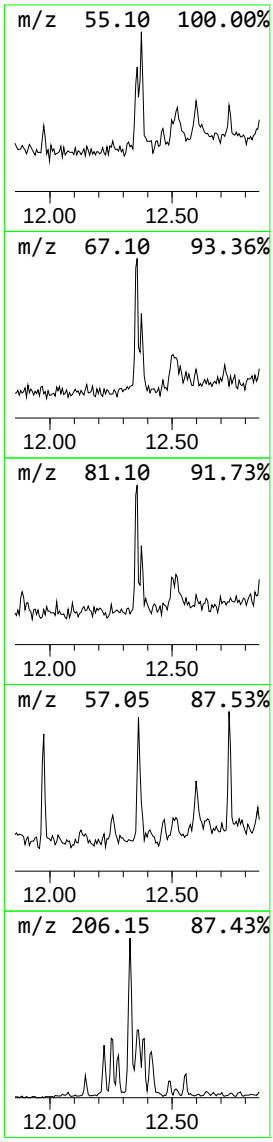
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	4.11 ng	166531	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	81
2	5-Undecyne	152	C11H20	002294-72-6	55
3	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	50
4	2,11-Dodecadiene, 4-chloro-	200	C12H21Cl	1000155-54-5	50
5	9-Octadecyne	250	C18H34	035365-59-4	49





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ALS Vial : 6 Sample Multiplier: 1

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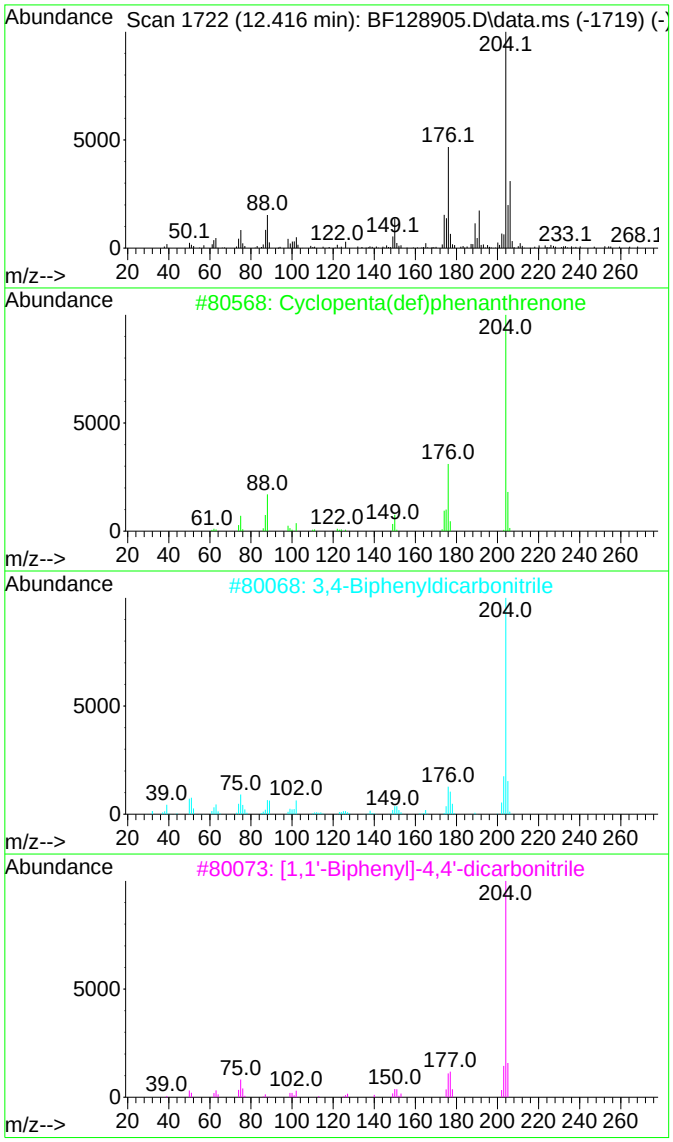
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

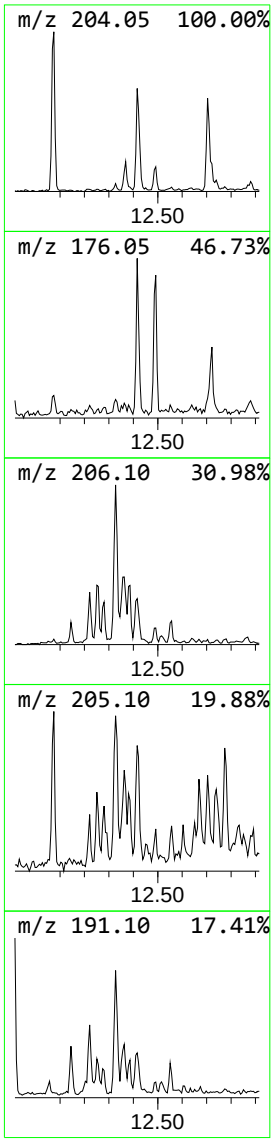
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	2.37 ng	95755	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	47
5	3-pyrazolidinone, 4,4-dimethyl-1...	204	C12H16N2O	1000400-48-1	43





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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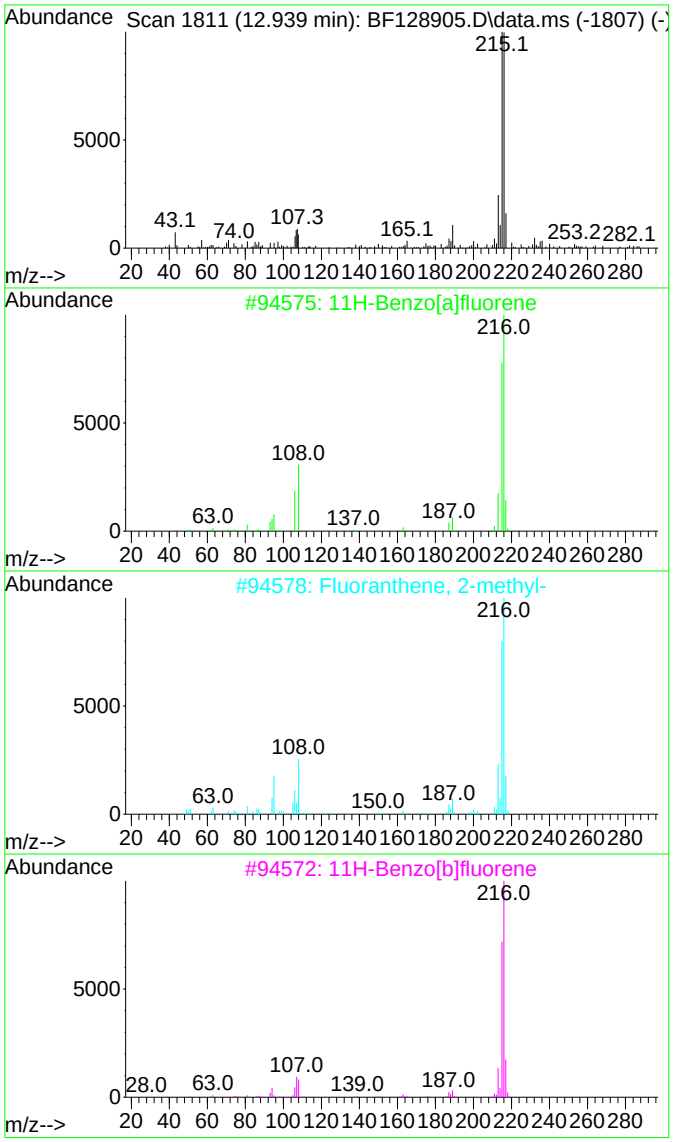
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

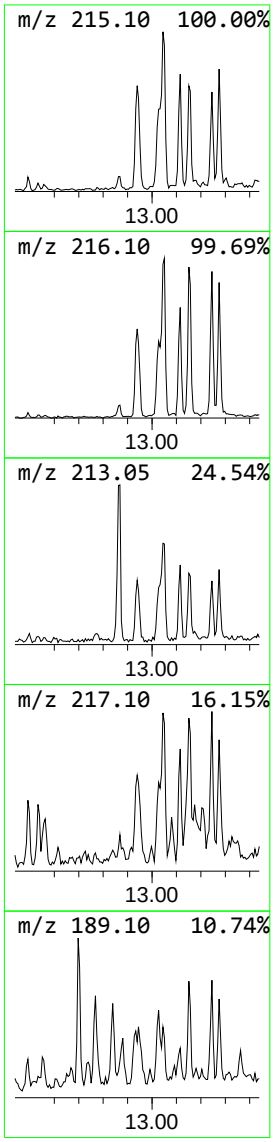
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.939	2.44 ng	133057	Chrysene-d12	13.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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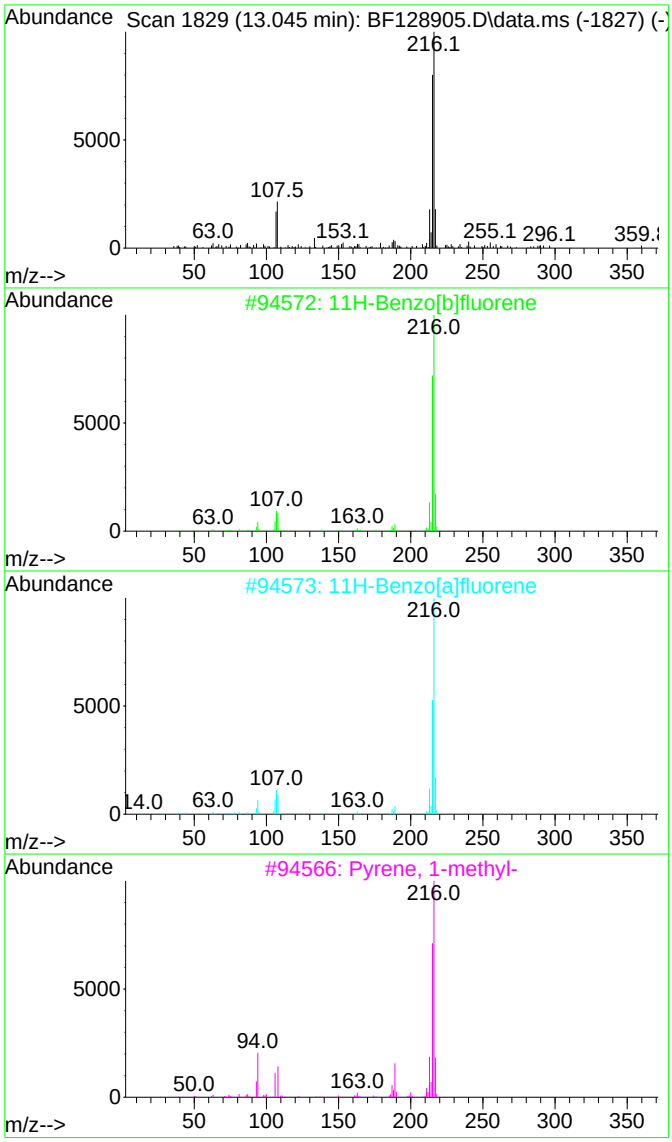
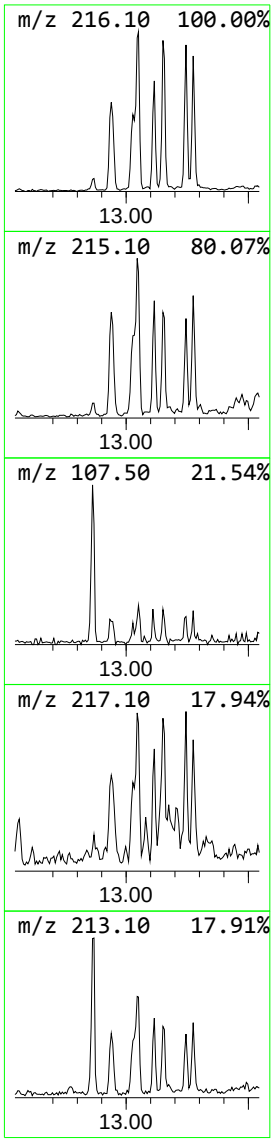
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.045	2.41 ng	131479	Chrysene-d12	13.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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

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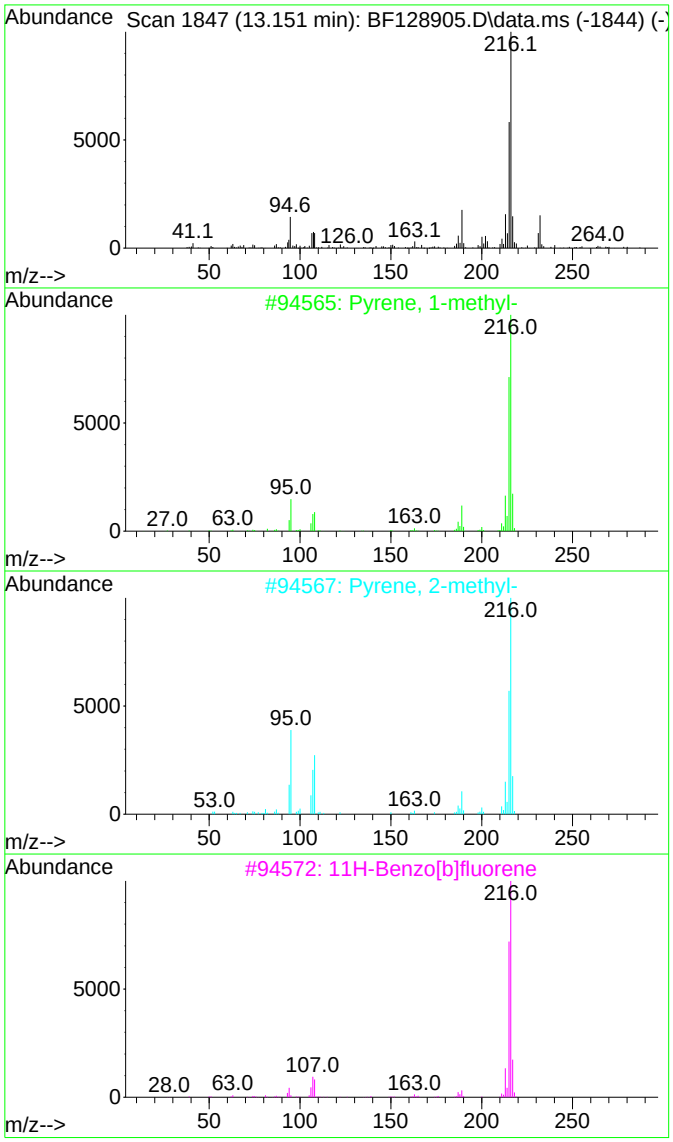
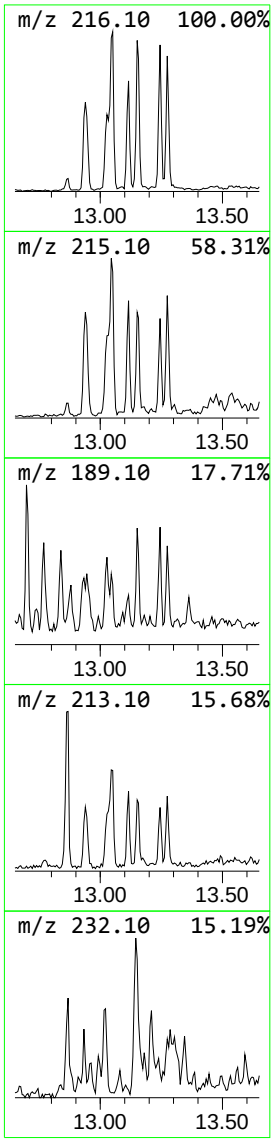
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	2.03 ng	110697	Chrysene-d12	13.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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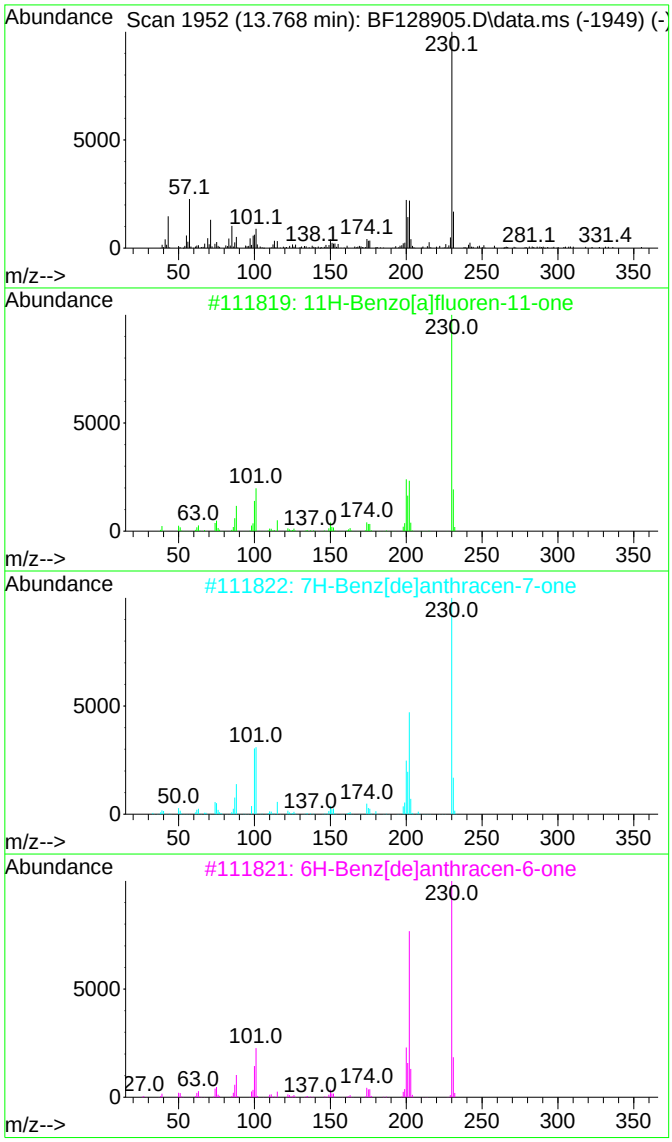
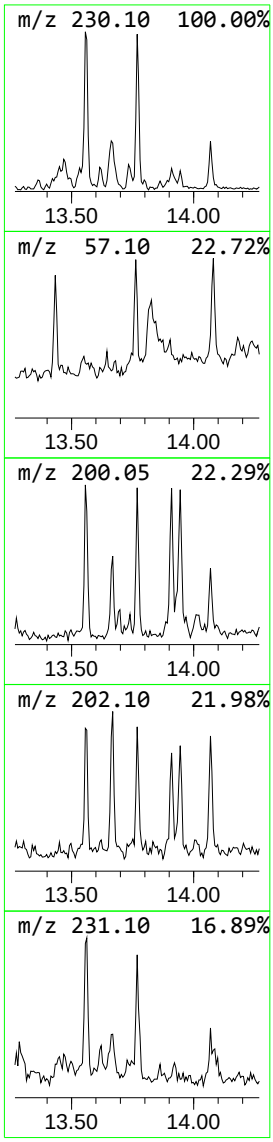
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.768	2.48 ng	135127	Chrysene-d12	13.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	70
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	50





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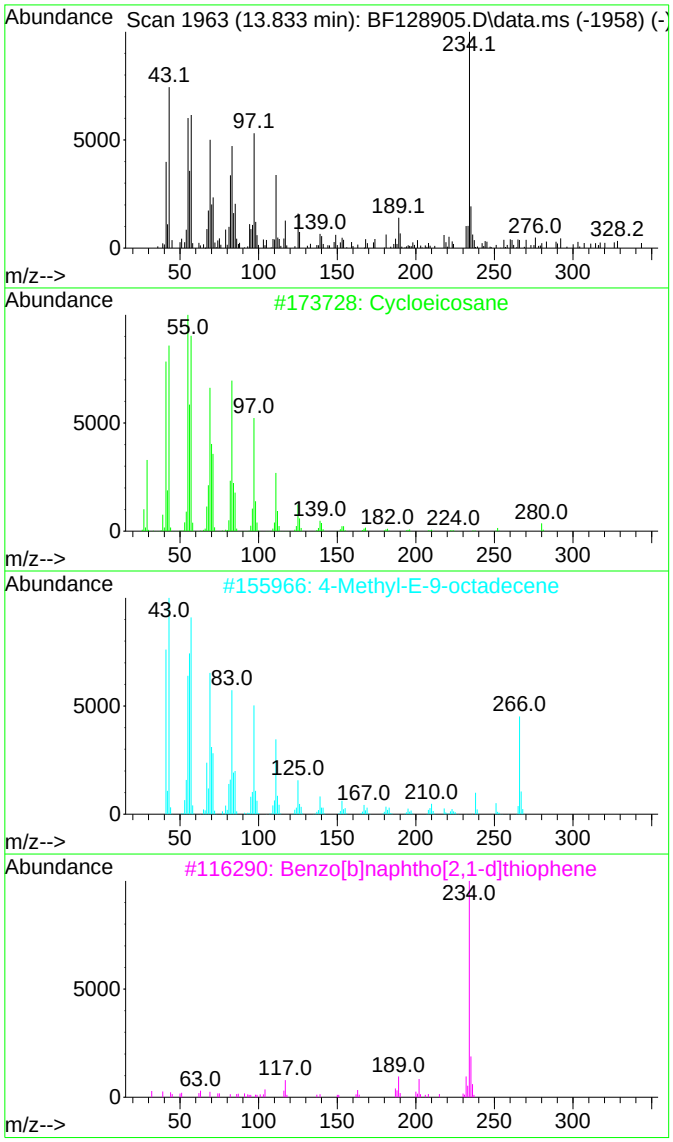
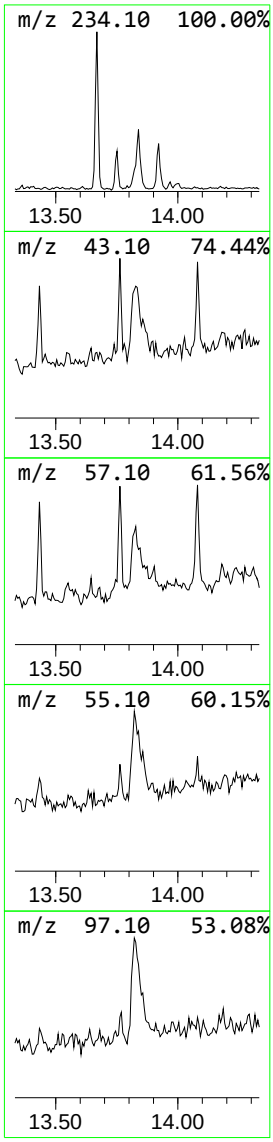
Peak Number 17 Cycloeicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	2.80 ng	152532	Chrysene-d12	13.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	64
2	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	59
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	46
4	1-Octadecanol	270	C18H38O	000112-92-5	42
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	42





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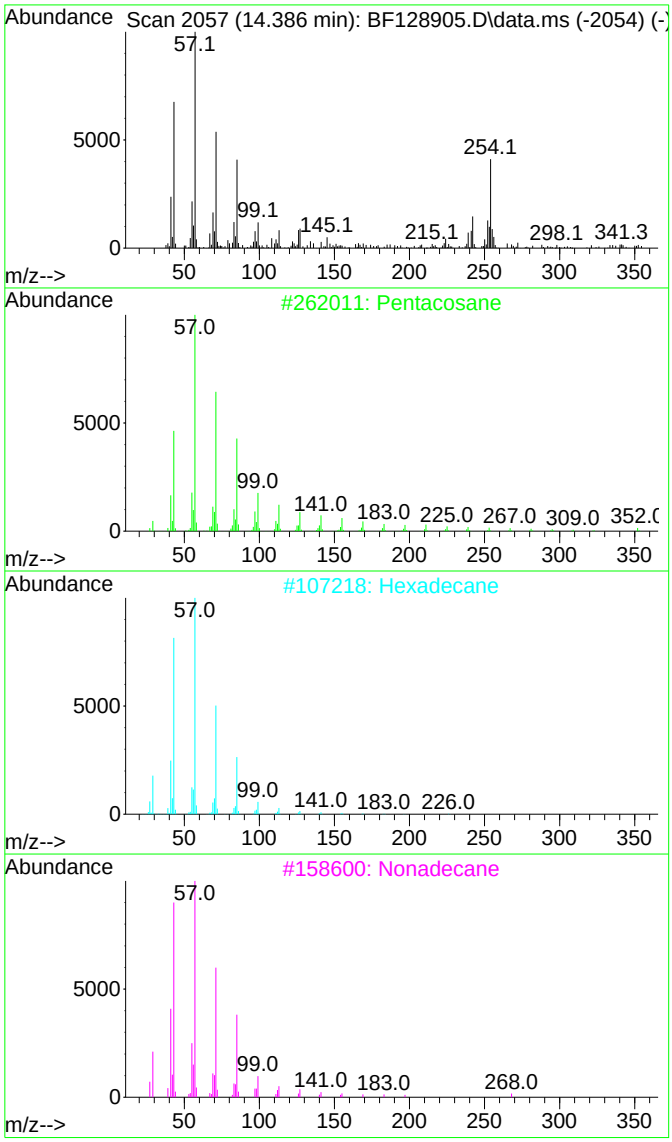
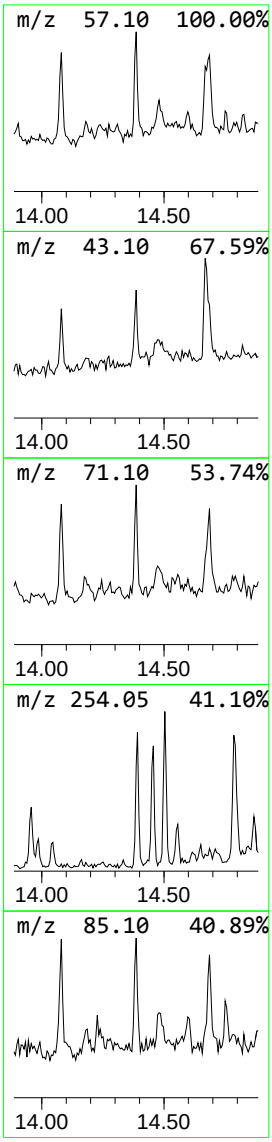
Peak Number 18 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.386	2.52 ng	137352	Chrysene-d12	13.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	89
2	Hexadecane	226	C16H34	000544-76-3	87
3	Nonadecane	268	C19H40	000629-92-5	64
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	55
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	46





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Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

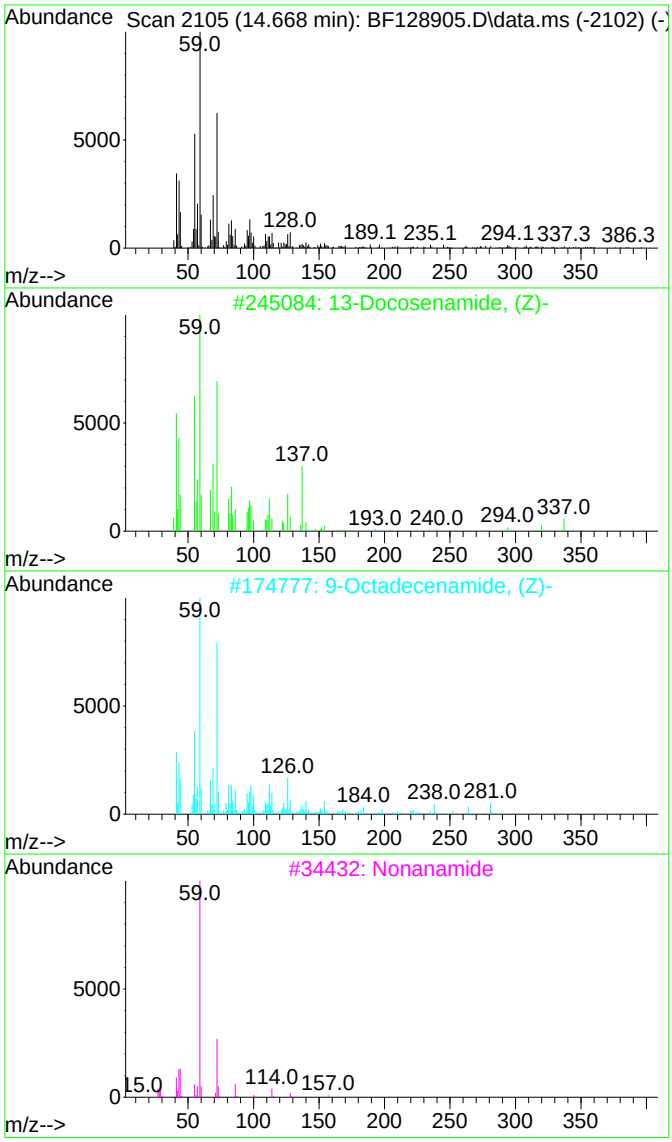
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

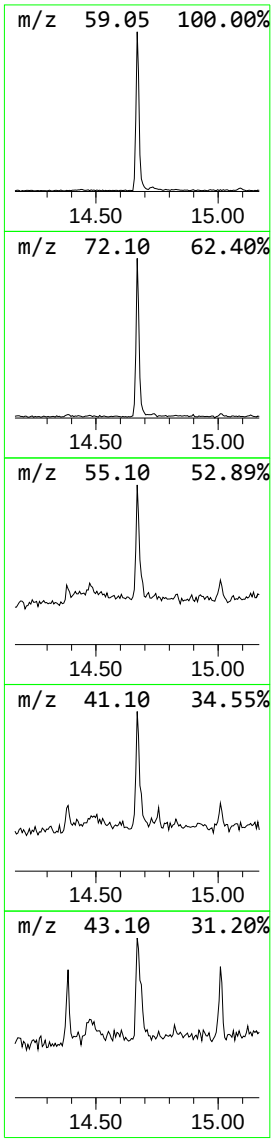
****

Peak Number 19 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.668	10.52 ng	358715	Perylene-d12	15.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Nonanamide	157	C9H19NO	001120-07-6	58
4	Octanamide	143	C8H17NO	000629-01-6	53
5	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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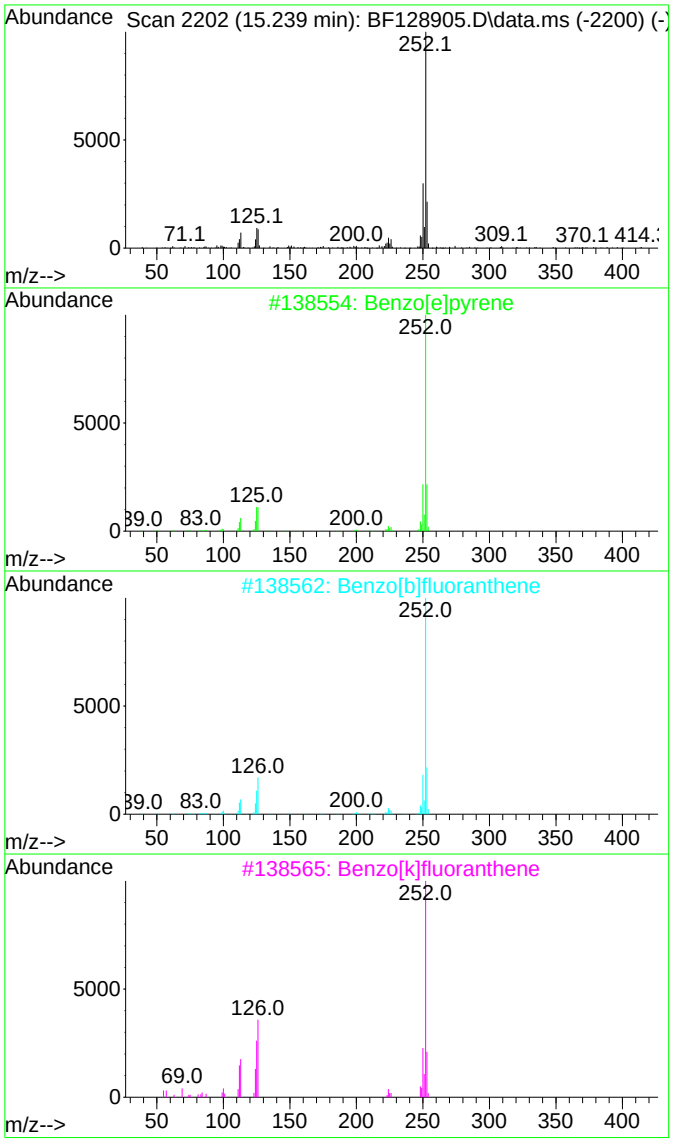
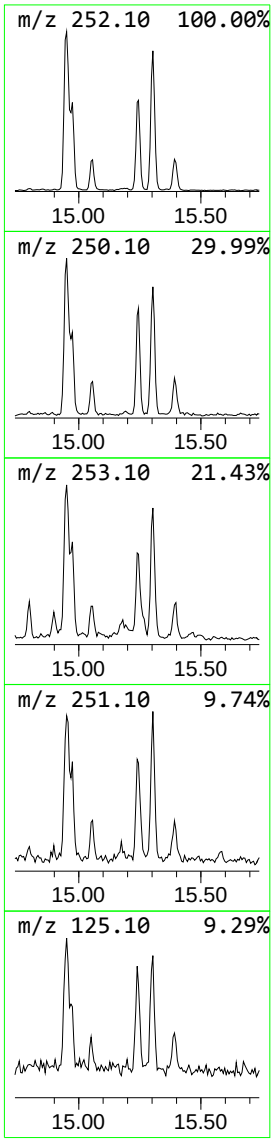
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	5.14 ng	175311	Perylene-d12	15.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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
Heptane, 2,6-di...	10.704	3.3	ng	134819	4	11.274	809405	20.0
unknown11.139	11.139	2.2	ng	87218	4	11.274	809405	20.0
Naphtho[1,2-b]t...	11.169	2.8	ng	112123	4	11.274	809405	20.0
Anthracene, 2-m...	11.774	4.3	ng	174325	4	11.274	809405	20.0
Phenanthrene, 1...	11.804	7.0	ng	284310	4	11.274	809405	20.0
4-Bromothiophen...	11.886	7.7	ng	312148	4	11.274	809405	20.0
Phenanthrene, 4...	11.910	2.7	ng	110414	4	11.274	809405	20.0
5,16[1',2']:8,1...	12.074	2.6	ng	107168	4	11.274	809405	20.0
9,10-Anthracene...	12.104	2.8	ng	113965	4	11.274	809405	20.0
9,10-Dimethylan...	12.327	2.9	ng	115623	4	11.274	809405	20.0
9,12-Octadecadi...	12.357	4.1	ng	166531	4	11.274	809405	20.0
Cyclopenta(def)...	12.416	2.4	ng	95755	4	11.274	809405	20.0
11H-Benzo[a]flu...	12.939	2.4	ng	133057	5	13.921	1090190	20.0
11H-Benzo[b]flu...	13.045	2.4	ng	131479	5	13.921	1090190	20.0
Pyrene, 1-methyl-	13.151	2.0	ng	110697	5	13.921	1090190	20.0
11H-Benzo[a]flu...	13.768	2.5	ng	135127	5	13.921	1090190	20.0
Cycloeicosane	13.833	2.8	ng	152532	5	13.921	1090190	20.0
Pentacosane	14.386	2.5	ng	137352	5	13.921	1090190	20.0
13-Docosenamide...	14.668	10.5	ng	358715	6	15.362	681667	20.0
Benzo[e]pyrene	15.239	5.1	ng	175311	6	15.362	681667	20.0