LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139950.D
Acq On : 23 Oct 2024 01:36
Operator : RC/JU
Sample : P4443-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139950.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	15	rVB	270880	423160	6.89%	0.644%
2	5.093	503	510	516	rBV	44715	63302	1.03%	0.096%
3	5.498	573	579	589	rBV	661344	871990	14.20%	1.328%
4	6.504	744	750	760	rBV	742881	947442	15.43%	1.442%
5	6.892	811	816	821	rBV	628426	774309	12.61%	1.179%
6	7.445	902	910	915	rBV	478461	588306	9.58%	0.896%
7	8.169	1028	1033	1041	rBV	673846	915743	14.92%	1.394%
8	9.245	1211	1216	1221	rBV	958963	1166789	19.01%	1.776%
9	9.510	1256	1261	1266	rBV	40879	61599	1.00%	0.094%
10	9.581	1268	1273	1276	rBV	72606	102926	1.68%	0.157%
11	9.698	1289	1293	1301	rVB	38860	66598	1.08%	0.101%
12	9.786	1301	1308	1312	rBV2	41360	66530	1.08%	0.101%
13	9.928	1324	1332	1335	rBV	736312	974424	15.87%	1.483%
14	9.957	1335	1337	1341	rVV	249434	275283	4.48%	0.419%
15	10.081	1354	1358	1362	rVV2	46383	68707	1.12%	0.105%
16	10.128	1362	1366	1370	rVV2	128799	171673	2.80%	0.261%
17	10.328	1396	1400	1407	rBV2	49643	110717	1.80%	0.169%
18	10.469	1420	1424	1429	rBV	192510	260334	4.24%	0.396%
19	10.539	1429	1436	1438	rBV2	76012	151085	2.46%	0.230%
20	10.633	1446	1452	1457	rVB3	153696	259038	4.22%	0.394%
21	10.710	1460	1465	1470	rVV2	721741	927205	15.10%	1.412%
22	10.833	1481	1486	1493	rVB3	73858	118120	1.92%	0.180%
23	11.016	1511	1517	1520	rBV3	105200	207738	3.38%	0.316%
24	11.051	1520	1523	1526	rVB2	50256	66367	1.08%	0.101%
25	11.151	1535	1540	1541	rBV3	55160	86315	1.41%	0.131%
26	11.216	1547	1551	1555	rVB	212919	264669	4.31%	0.403%
27	11.269	1555	1560	1564	rBV3	110876	202551	3.30%	0.308%
28	11.310	1564	1567	1572	rVB	174835	218839	3.56%	0.333%
29	11.439	1579	1589	1594	rBV2	3147344	5235405	85.28%	7.971%
30	11.486	1594	1597	1601	rVV	620671	824499	13.43%	1.255%
31	11.522	1601	1603	1609	rVV3	94987	128013	2.09%	0.195%
32	11.586	1611	1614	1618	rVB	68408	91833	1.50%	0.140%
33	11.639	1618	1623	1631	rBV	190210	331891	5.41%	0.505%
34	11.710	1631	1635	1638	rVV2	111975	154290	2.51%	0.235%
35	11.745	1638	1641	1646	rVB	159224	198262	3.23%	0.302%
36	11.827	1652	1655	1658	rVB	68833	85306	1.39%	0.130%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139950.D
Acq On : 23 Oct 2024 01:36
Operator : RC/JU
Sample : P4443-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.869	1658	1662	1665	rBV	81492	98400	1.60%	0.150%
38	11.916	1665	1670	1672	rBV	795325	1071628	17.46%	1.631%
39	11.945	1672	1675	1679	rVB	1102218	1397856	22.77%	2.128%
40	11.992	1679	1683	1685	rBV	220448	274620	4.47%	0.418%
41	12.027	1685	1689	1697	rVB2	1023175	2129345	34.68%	3.242%
42	12.116	1697	1704	1707	rBV3	89855	202912	3.31%	0.309%
43	12.210	1716	1720	1722	rBV	458898	623364	10.15%	0.949%
44	12.233	1722	1724	1729	rVB2	607245	696744	11.35%	1.061%
45	12.286	1729	1733	1739	rBV3	104529	126270	2.06%	0.192%
46	12.357	1739	1745	1748	rBV2	261679	417526	6.80%	0.636%
47	12.392	1748	1751	1753	rBV	100645	105037	1.71%	0.160%
48	12.469	1759	1764	1767	rBV	520581	788677	12.85%	1.201%
49	12.504	1767	1770	1775	rVV2	298098	546009	8.89%	0.831%
50	12.551	1775	1778	1784	rVB	434281	602482	9.81%	0.917%
51	12.633	1786	1792	1797	rBV	3885460	5341254	87.00%	8.132%
52	12.692	1797	1802	1805	rBV4	98838	173094	2.82%	0.264%
53	12.757	1809	1813	1816	rBV3	195487	299900	4.89%	0.457%
54	12.863	1824	1831	1836	rBV	3773110	6139177	100.00%	9.347%
55	12.910	1836	1839	1844	rVB2	253400	363403	5.92%	0.553%
56	12.998	1846	1854	1861	rVB2	1305733	2207656	35.96%	3.361%
57	13.074	1861	1867	1874	rBV4	506673	1063296	17.32%	1.619%
58	13.180	1878	1885	1889	rVB2	558299	1172056	19.09%	1.784%
59	13.251	1893	1897	1900	rBV	231841	288508	4.70%	0.439%
60	13.286	1900	1903	1906	rBV2	491660	612685	9.98%	0.933%
61	13.380	1916	1919	1922	rBV	285578	361778	5.89%	0.551%
62	13.410	1922	1924	1928	rVB	314162	371022	6.04%	0.565%
63	13.580	1947	1953	1956	rBV5	114173	268591	4.38%	0.409%
64	13.692	1967	1972	1977	rVB	521209	733864	11.95%	1.117%
65	13.804	1986	1991	1993	rBV2	463657	734211	11.96%	1.118%
66	13.833	1993	1996	1998	rVB	191404	233934	3.81%	0.356%
67	13.898	2003	2007	2015	rVB	636791	939627	15.31%	1.431%
68	14.051	2026	2033	2036	rBV2	2257302	4042477	65.85%	6.154%
69	14.086	2036	2039	2045	rVB	1842709	2512888	40.93%	3.826%
70	14.163	2049	2052	2056	rVB	149789	185674	3.02%	0.283%
71	14.274	2068	2071	2075	rBV2	102769	136043	2.22%	0.207%
72	14.404	2091	2093	2095	rBV2	76156	91061	1.48%	0.139%
73	14.439	2095	2099	2102	rVV	378736	502855	8.19%	0.766%
74	14.474	2102	2105	2109	rVB2	244534	282884	4.61%	0.431%
75	14.527	2110	2114	2118	rBV3	278594	403448	6.57%	0.614%
76	14.563	2118	2120	2123	rBV	105017	130443	2.12%	0.199%

LSC Area Percent Report

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Acq On : 23 Oct 2024 01:36
Operator : RC/JU
Sample : P4443-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.745	2147	2151	2154	rBV	124837	187048	3.05%	0.285%
78	14.915	2177	2180	2187	rBV3	95793	189883	3.09%	0.289%
79	15.104	2206	2212	2221	rBV	1213925	2880687	46.92%	4.386%
80	15.204	2222	2229	2236	rVB3	340358	729769	11.89%	1.111%
81	15.410	2259	2264	2270	rVB	663773	1031595	16.80%	1.571%
82	15.474	2270	2275	2280	rVB	879126	1301253	21.20%	1.981%
83	15.533	2281	2285	2289	rBV	390730	679470	11.07%	1.034%
84	16.021	2364	2368	2372	rBV2	115754	170981	2.79%	0.260%
85	16.845	2503	2508	2517	rVB4	140769	369927	6.03%	0.563%
86	17.033	2533	2540	2549	rVB2	427966	973161	15.85%	1.482%
87	17.215	2567	2571	2576	rBV	91308	195749	3.19%	0.298%
88	17.486	2610	2617	2631	rVB	346089	840730	13.69%	1.280%

Sum of corrected areas: 65684210

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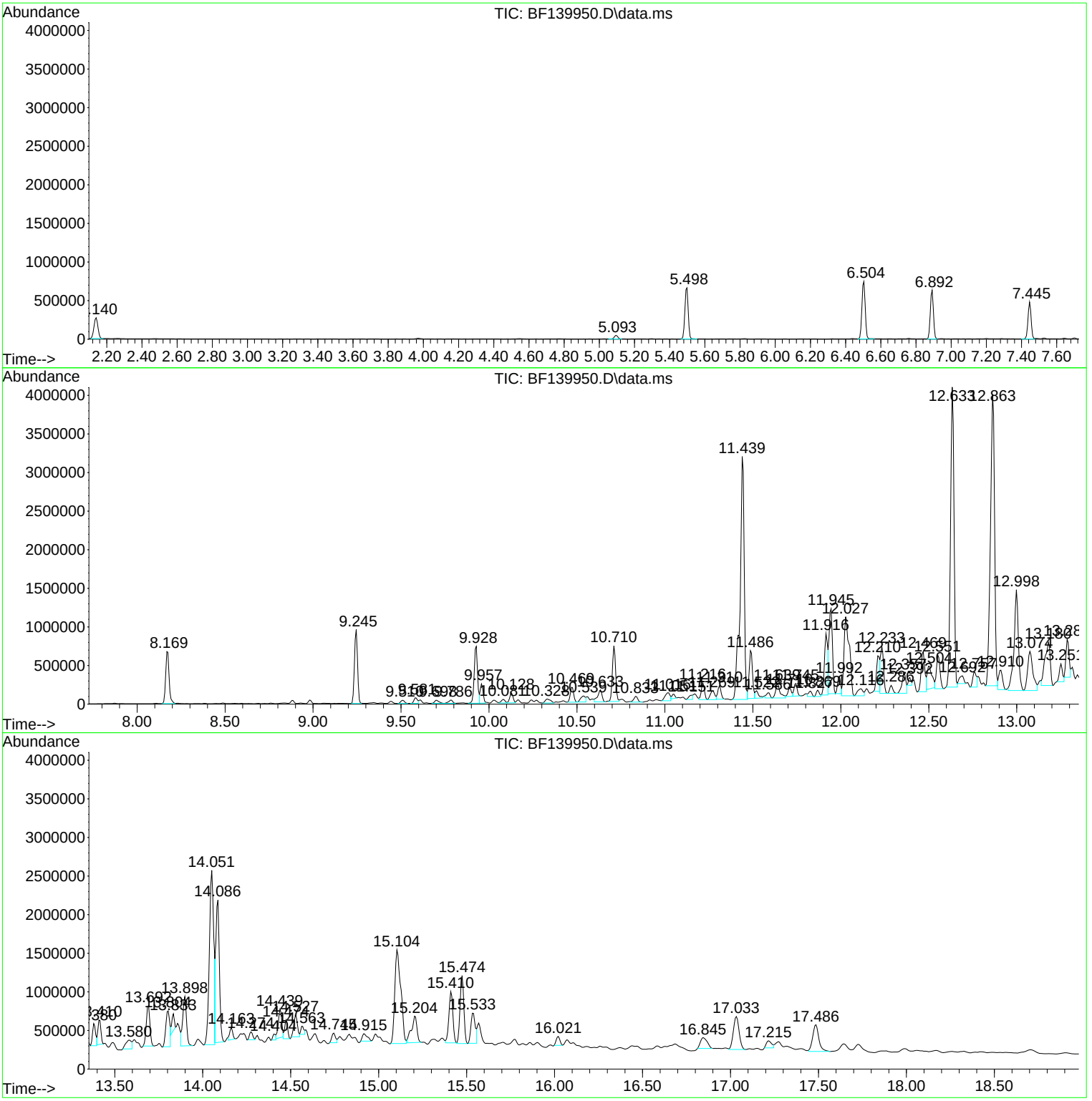
Acq On : 23 Oct 2024 01:36
Operator : RC/JU
Sample : P4443-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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\BF102224\
Data File : BF139950.D
Acq On : 23 Oct 2024 01:36
Operator : RC/JU
Sample : P4443-06 2X
Misc :
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Instrument :
BNA_F
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OG-315-HR-502-COMP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

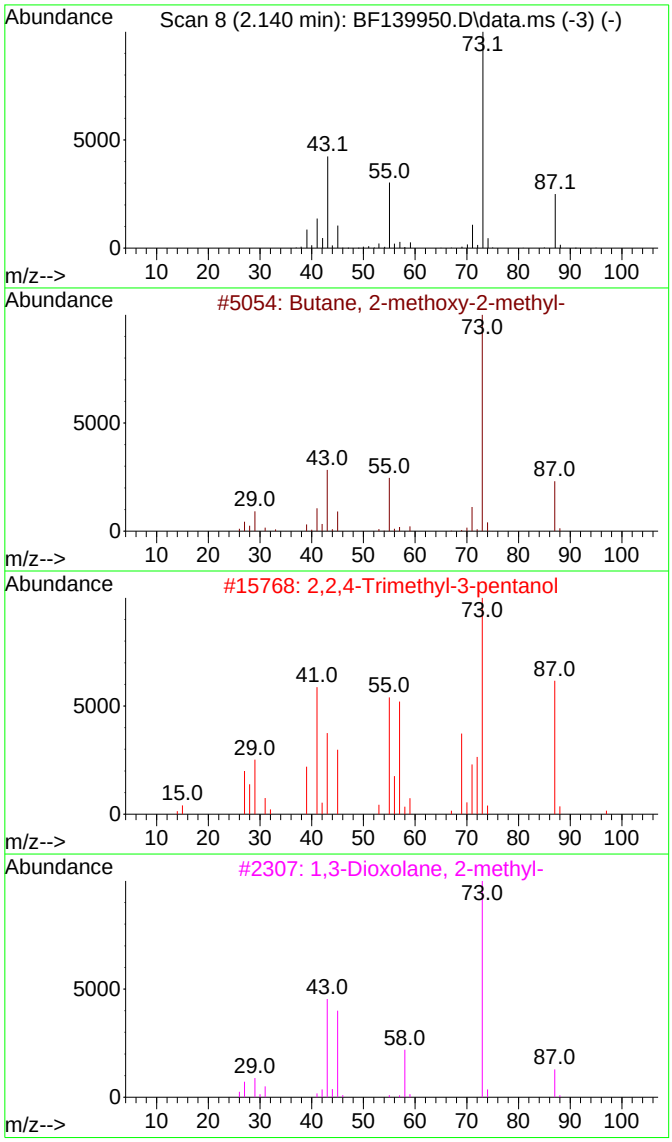
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

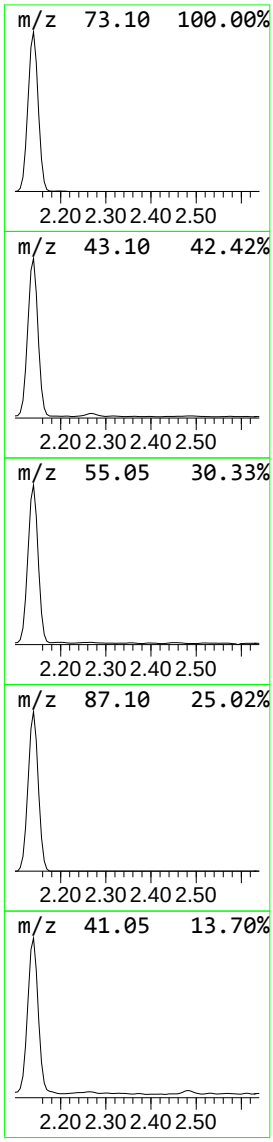
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	10.93 ng	423160	1,4-Dichlorobenzene-d4	6.892

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139950.D
Acq On : 23 Oct 2024 01:36
Operator : RC/JU
Sample : P4443-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

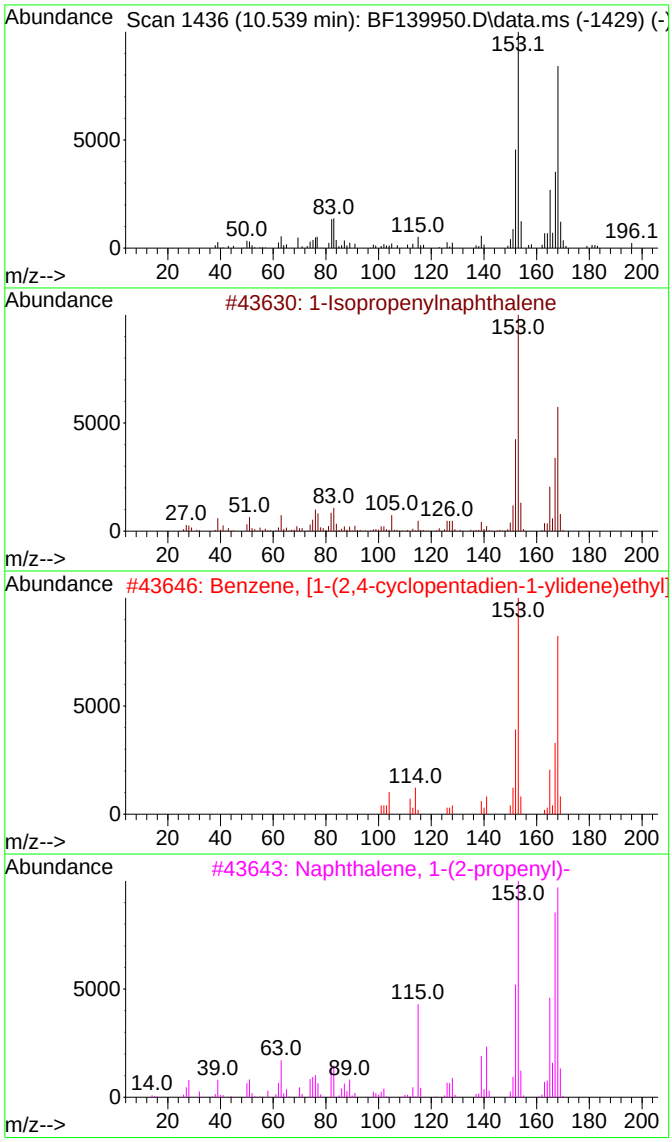
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

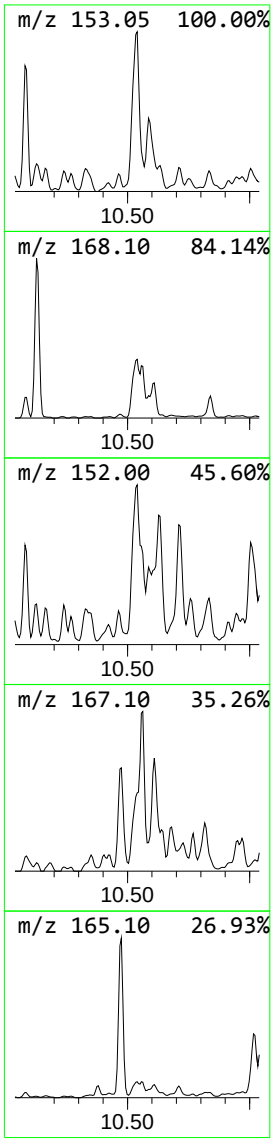
****

Peak Number 2 1-Isopropenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	3.10 ng	151085	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
5	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	53





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Data File : BF139950.D
Acq On : 23 Oct 2024 01:36
Operator : RC/JU
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Instrument :
BNA_F
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OG-315-HR-502-COMP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

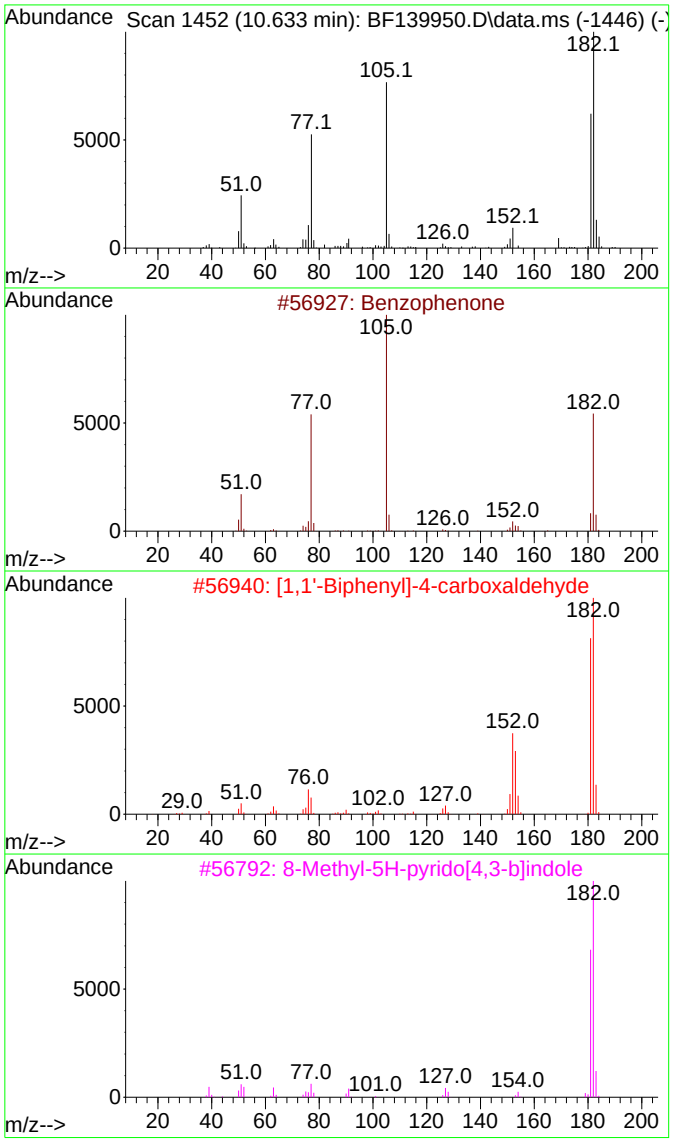
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

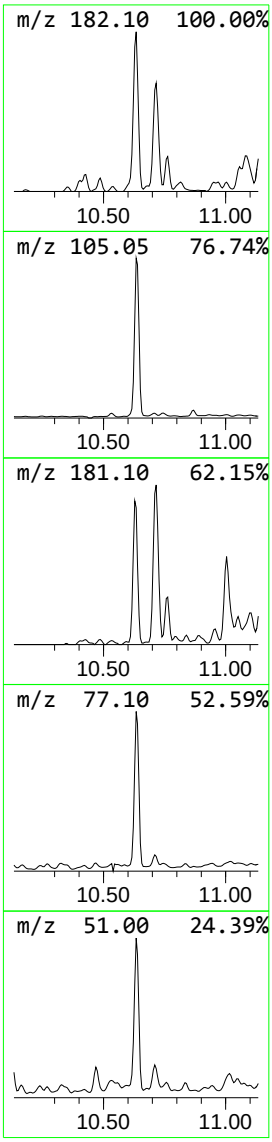
****

Peak Number 3 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	5.32 ng	259038	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	72
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
3	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	49
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	47
5	3-Mercaptobenzoic acid, S-methyl...	182	C9H10O2S	090721-40-7	38





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

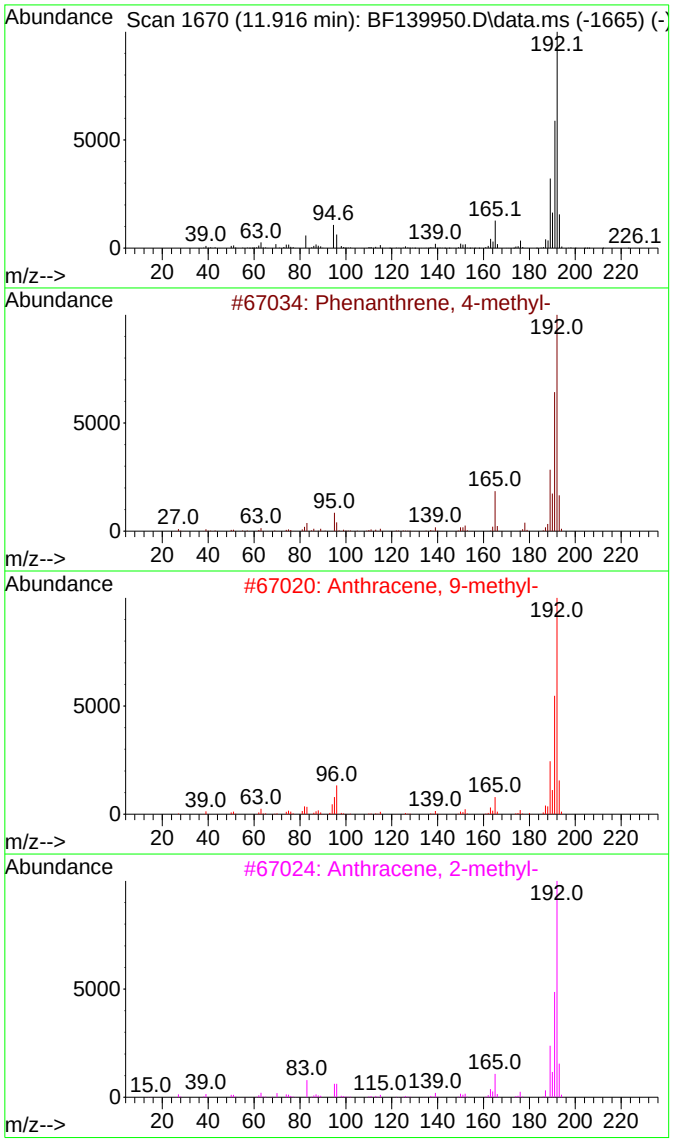
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

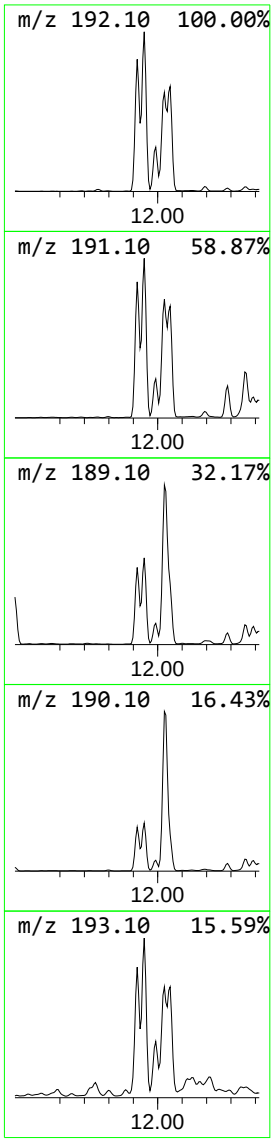
****

Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	4.09 ng	1071630	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139950.D
Acq On : 23 Oct 2024 01:36
Operator : RC/JU
Sample : P4443-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

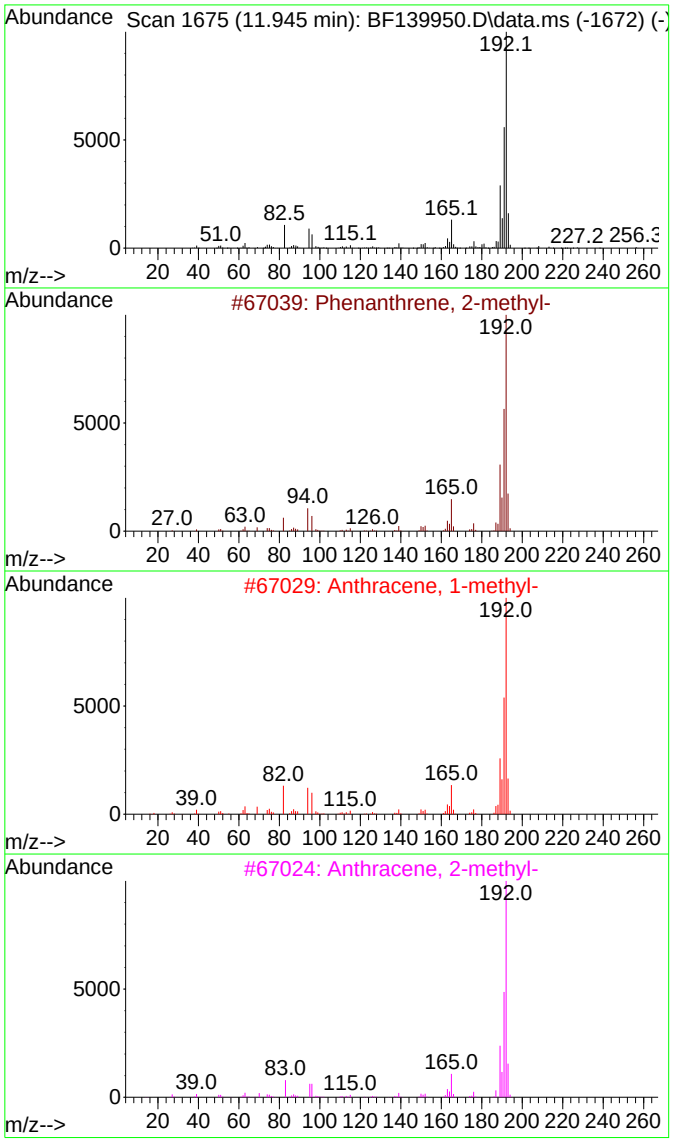
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

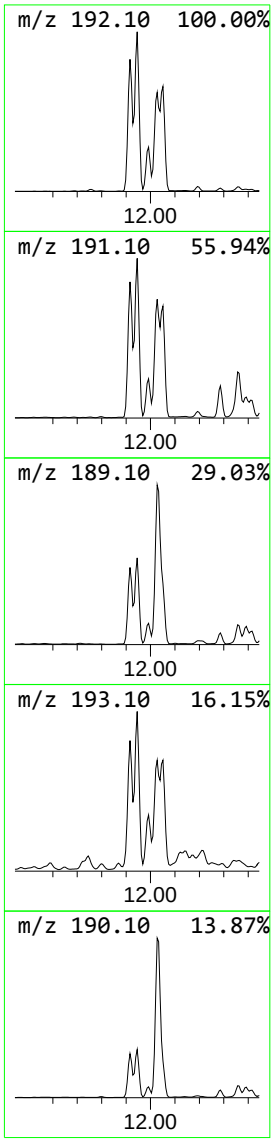
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.34 ng	1397860	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139950.D
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OG-315-HR-502-COMP-30

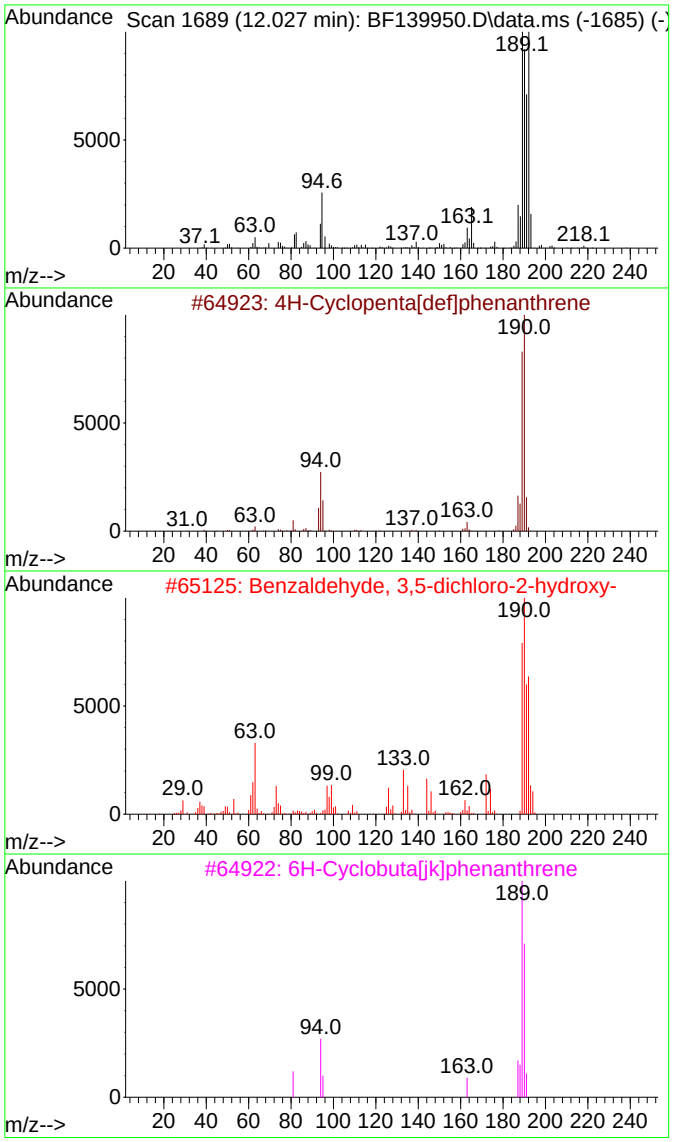
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

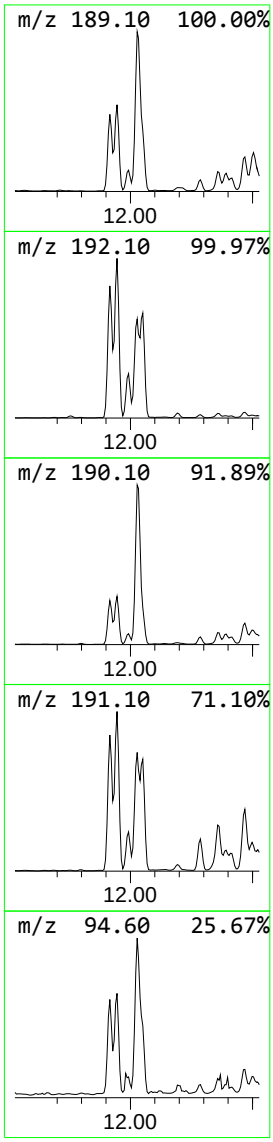
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	8.13 ng	2129350	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	42





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Acq On : 23 Oct 2024 01:36
Operator : RC/JU
Sample : P4443-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

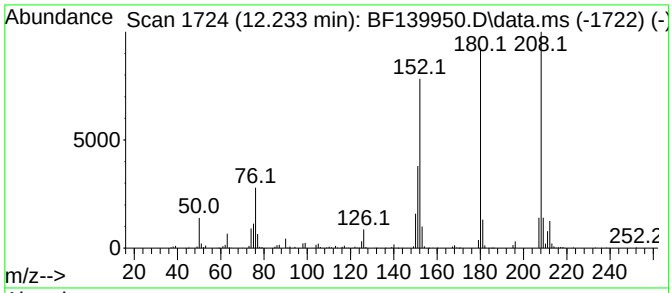
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

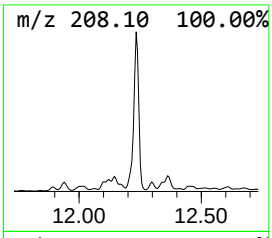
****

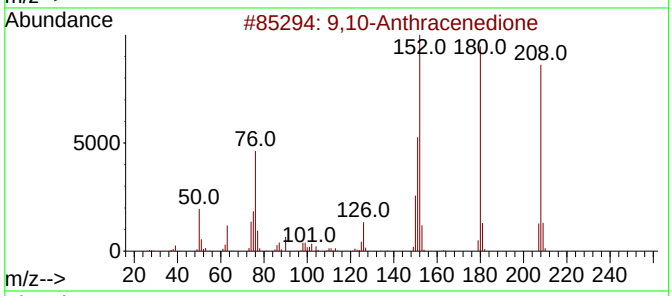
Peak Number 7 9,10-Anthracenedione Concentration Rank 20

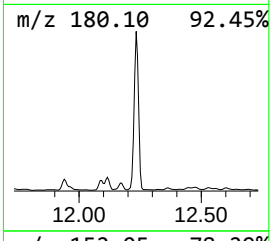
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	2.66 ng	696744	Phenanthrene-d10	11.416

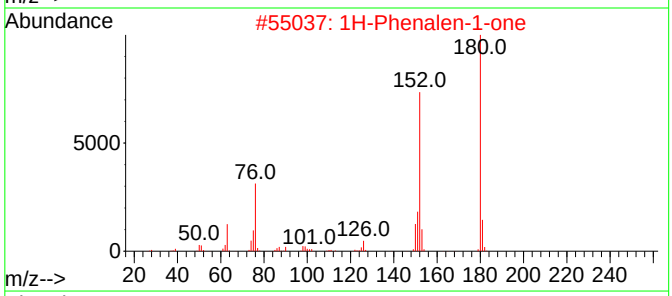
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	58
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58

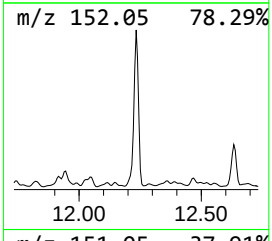


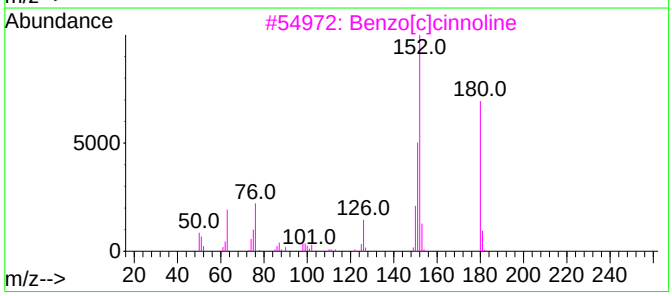


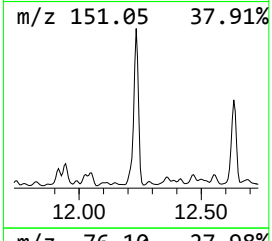


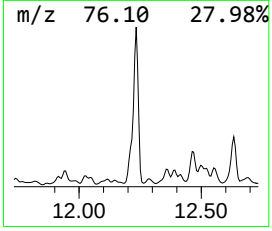












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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
OG-315-HR-502-COMP-30

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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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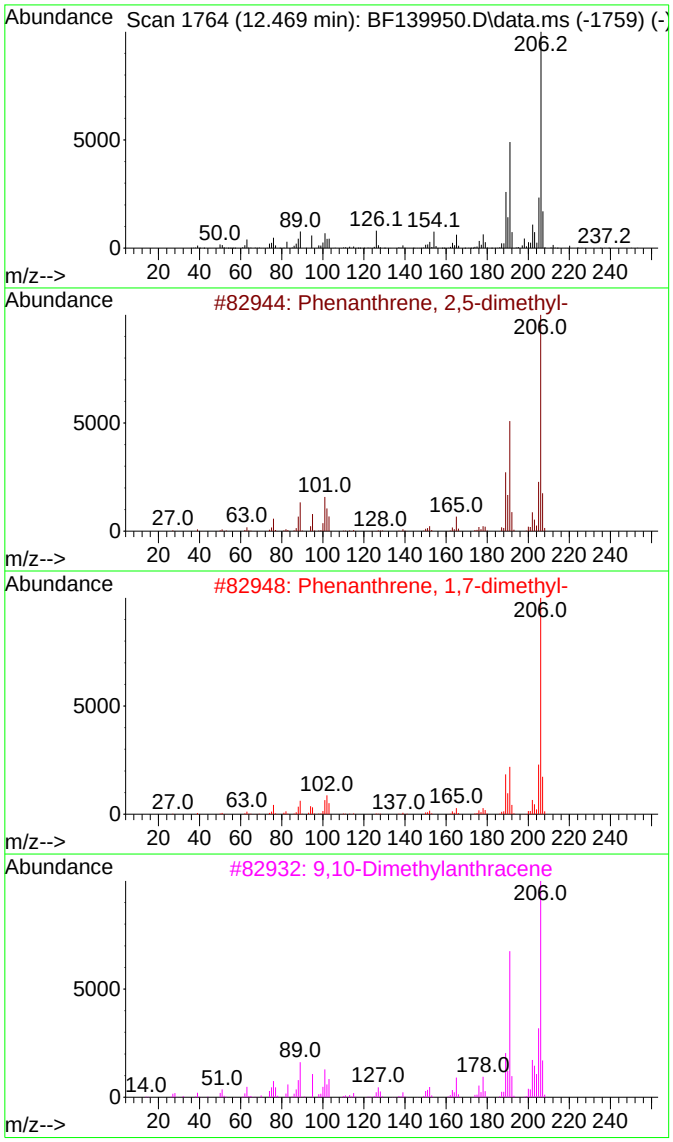
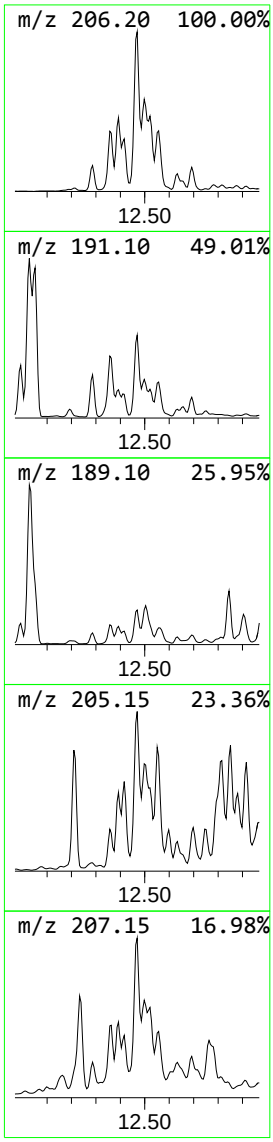
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	3.01 ng	788677	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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ALS Vial : 25 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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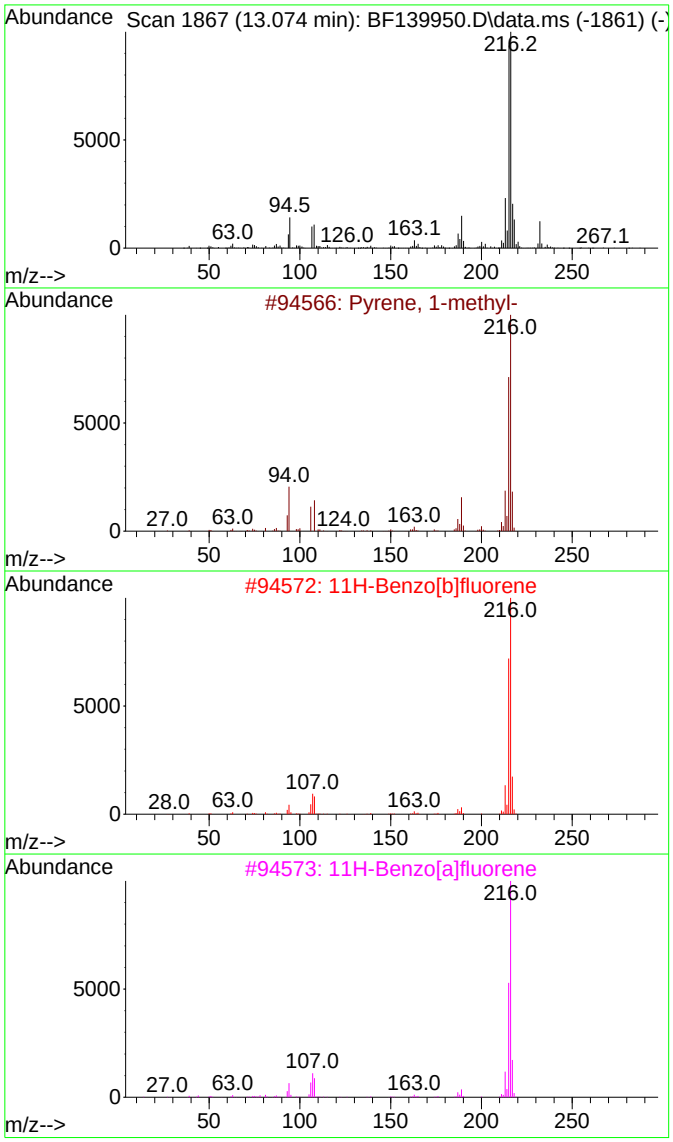
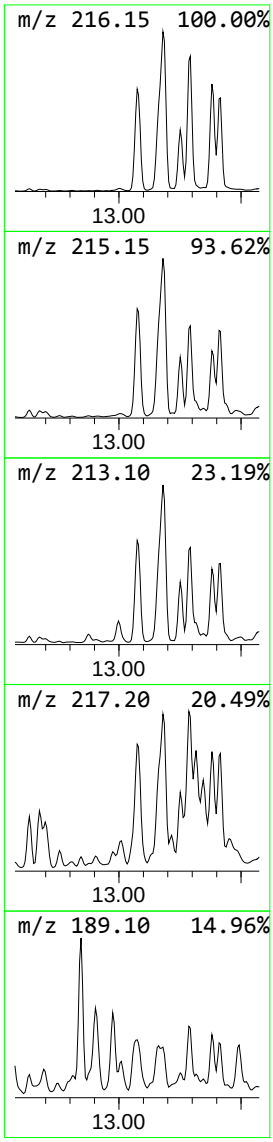
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	5.26 ng	1063300	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

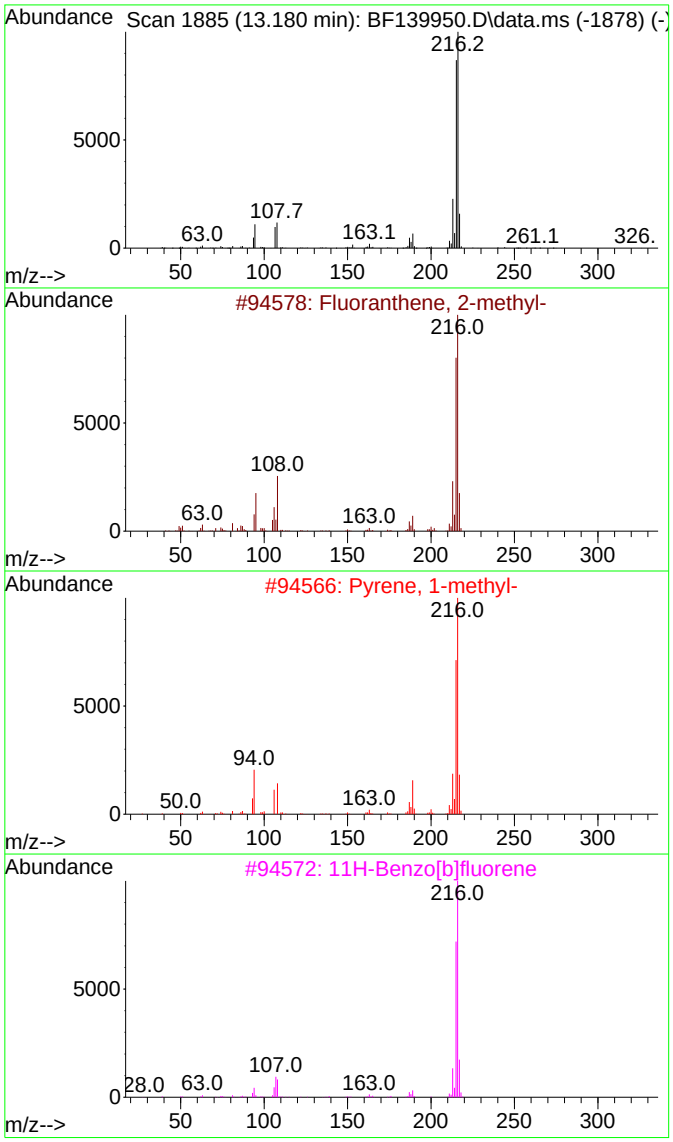
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

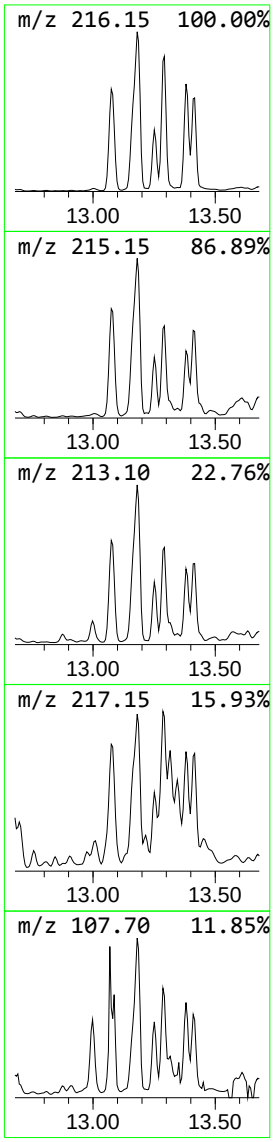
****

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	5.80 ng	1172060	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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ALS Vial : 25 Sample Multiplier: 1

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

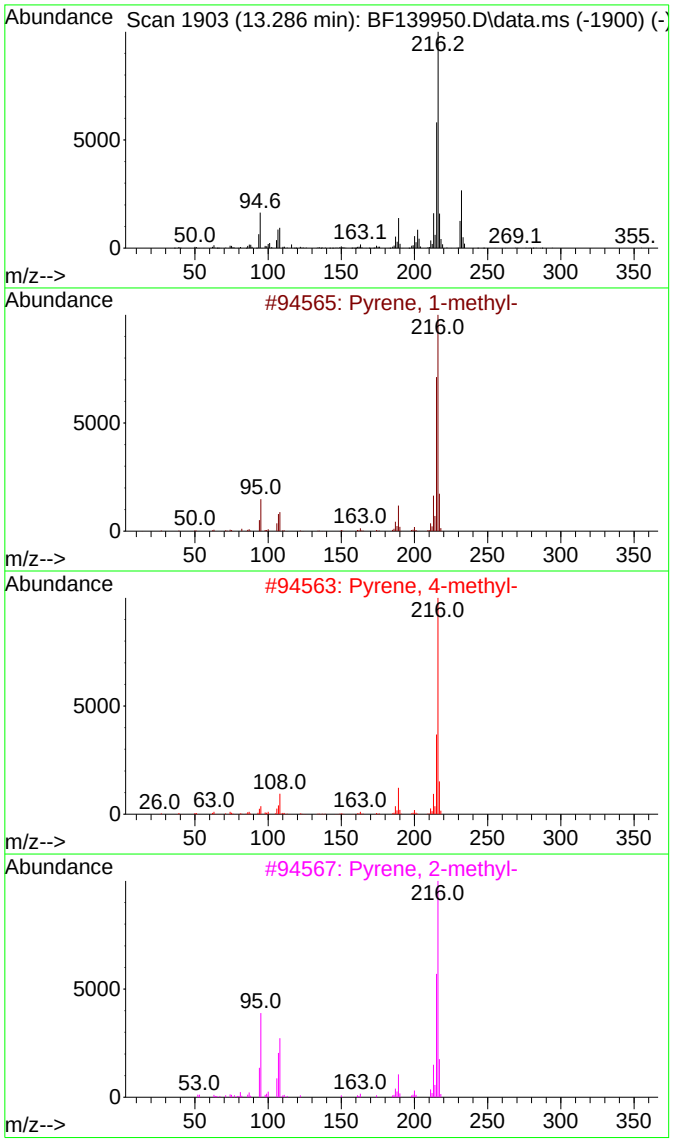
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

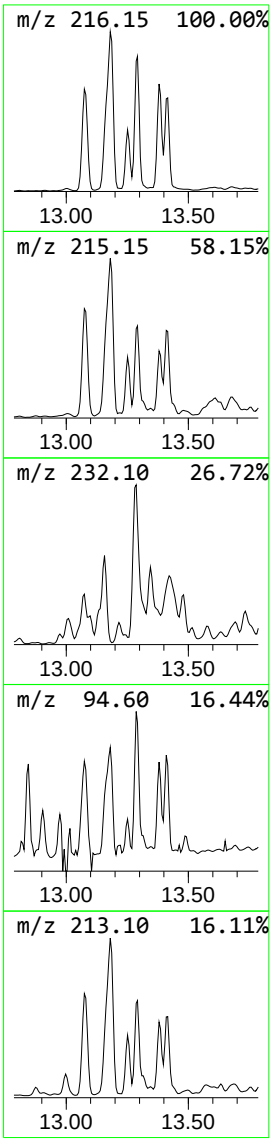
****

Peak Number 11 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	3.03 ng	612685	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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Misc :
ALS Vial : 25 Sample Multiplier: 1

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

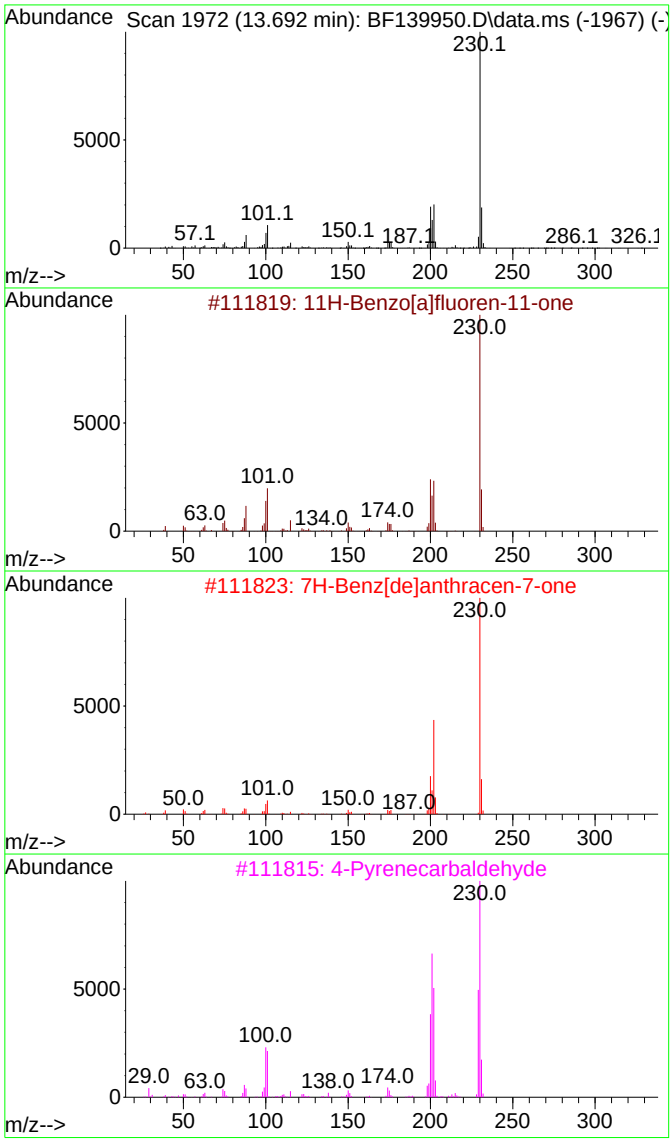
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

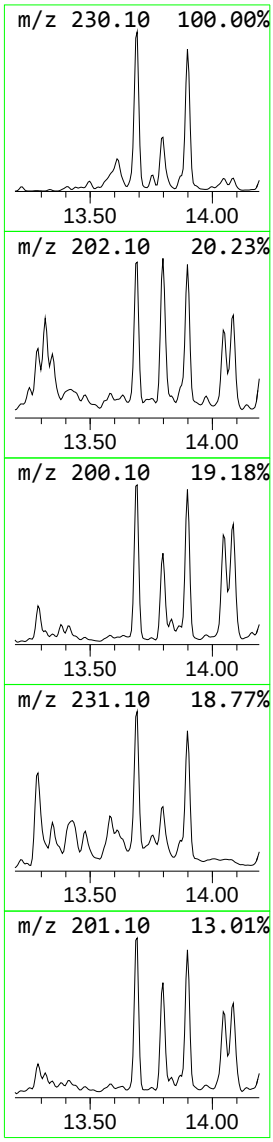
****

Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.692	3.63 ng	733864	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	87
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	64





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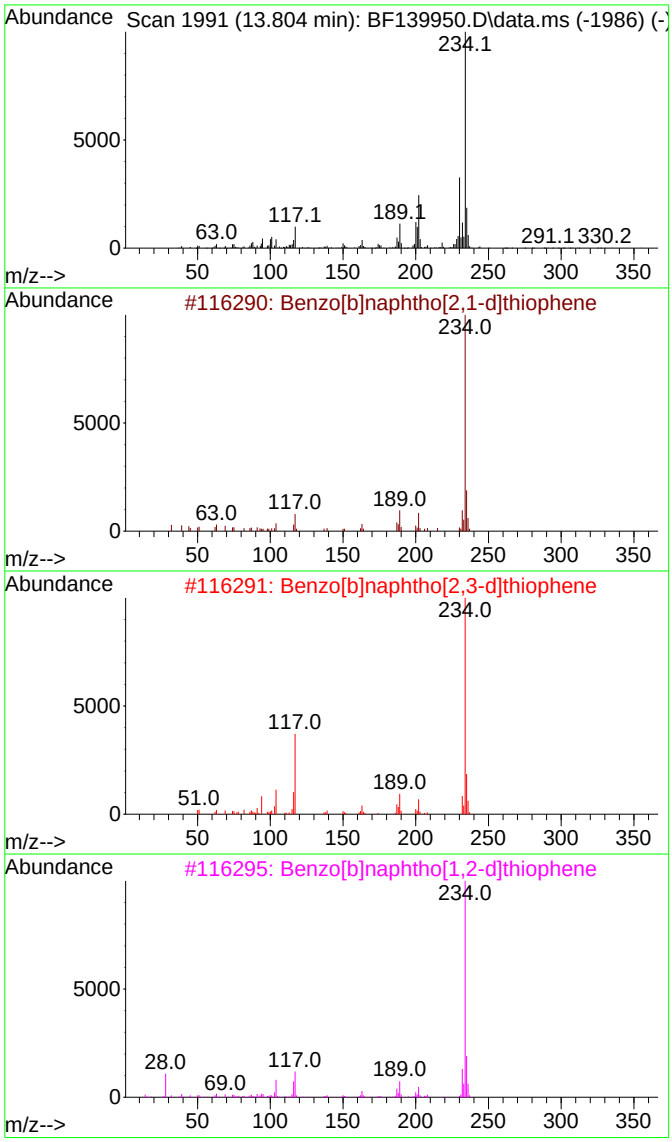
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

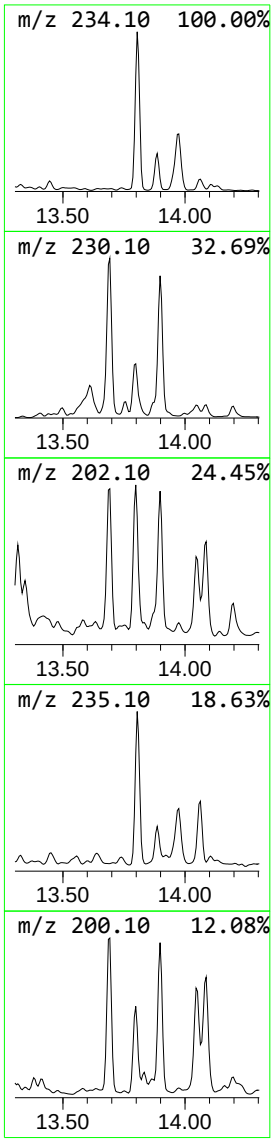
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	3.63 ng	734211	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
4	3-(1H-benzimidazol-2-yl)-2H-inda...	234	C14H10N4	1097816-83-5	43
5	4-Pyridinamine, N-(1-naphthaleny...	234	C16H14N2	1000317-32-0	43





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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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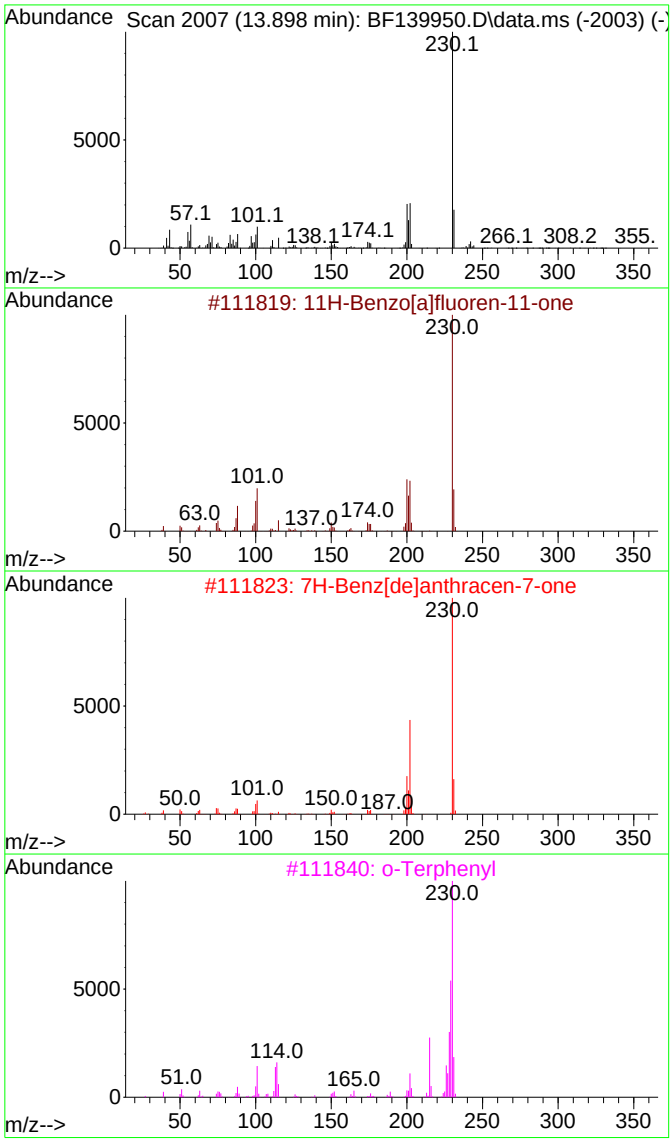
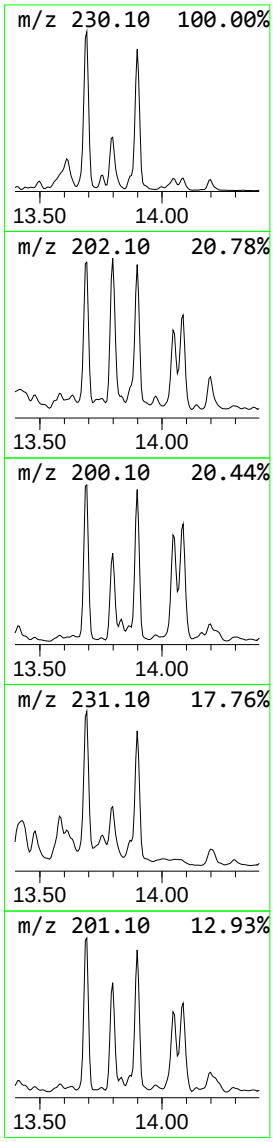
Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	4.65 ng	939627	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	o-Terphenyl	230	C18H14	000084-15-1	53
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	50
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	50





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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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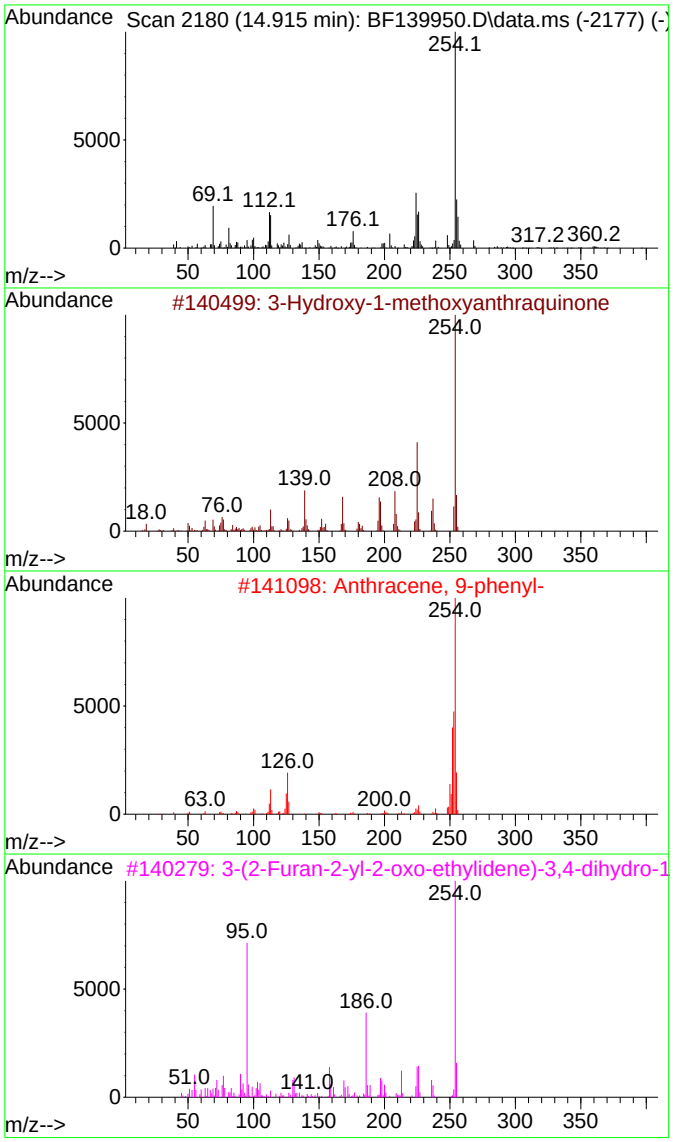
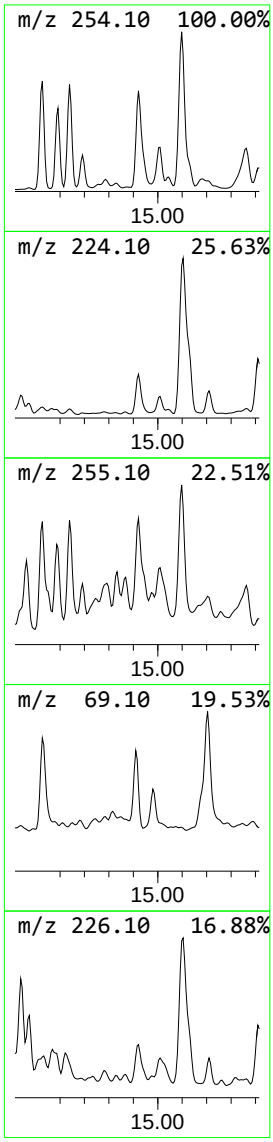
Peak Number 15 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.916	5.59 ng	189883	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	58
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
3	3-(2-Furan-2-yl-2-oxo-ethylidene...	254	C14H10N2O3	1000297-32-1	53
4	2-[3,4-Dichlorophenyl]-6-methyl-...	254	C11H8Cl2N2O	1000253-43-7	50
5	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	50





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OG-315-HR-502-COMP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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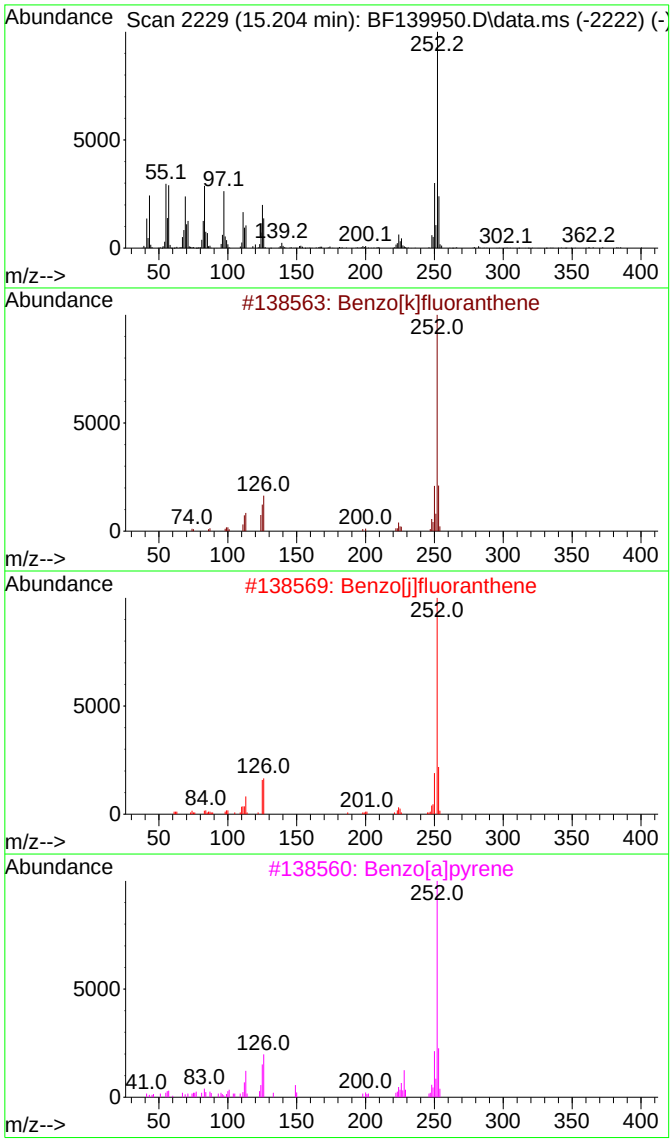
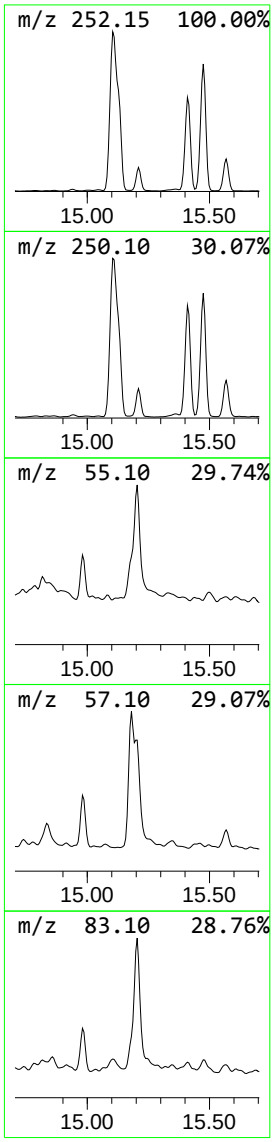
Peak Number 16 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	21.48 ng	729769	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	86
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	86
5	Benzo[e]pyrene	252	C20H12	000192-97-2	70





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Data File : BF139950.D
Acq On : 23 Oct 2024 01:36
Operator : RC/JU
Sample : P4443-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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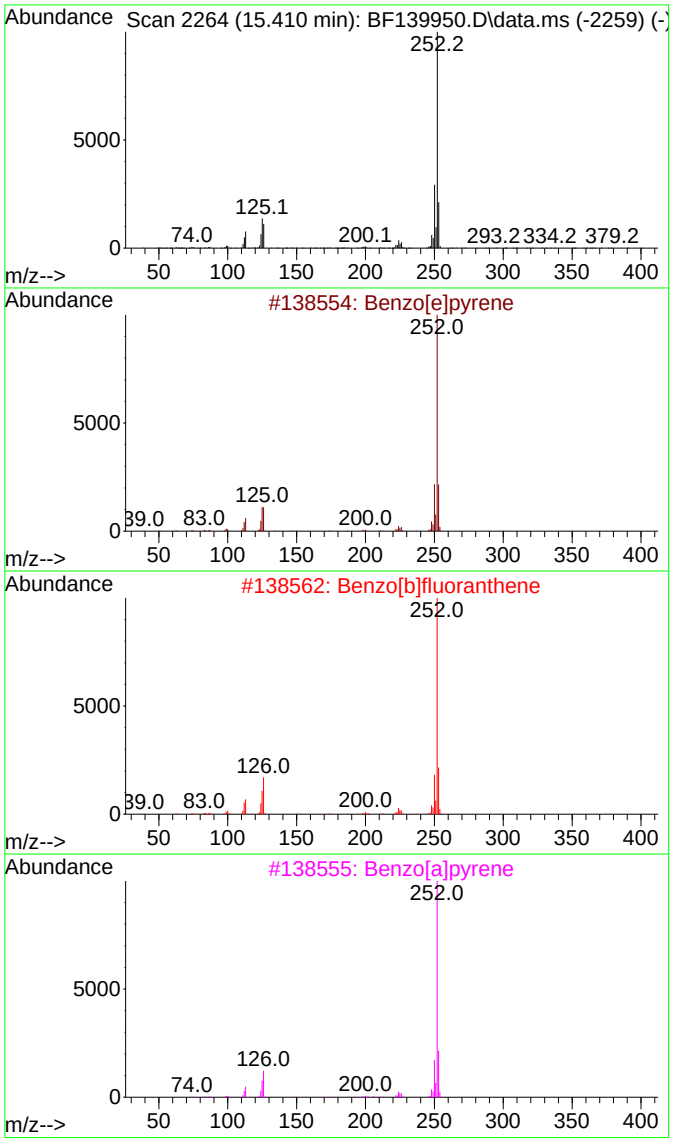
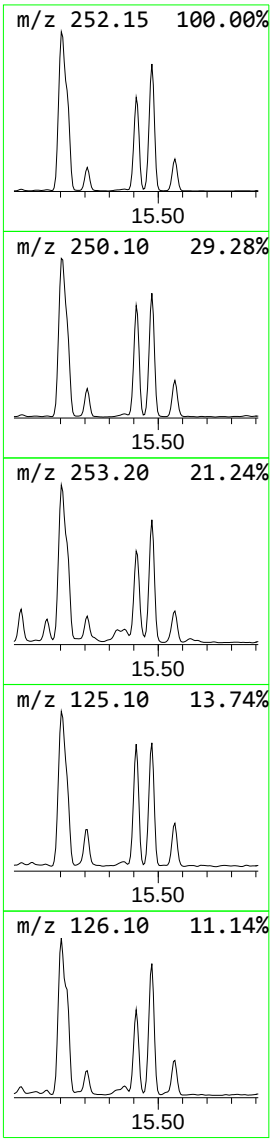
Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	30.36 ng	1031600	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





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Data File : BF139950.D
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Operator : RC/JU
Sample : P4443-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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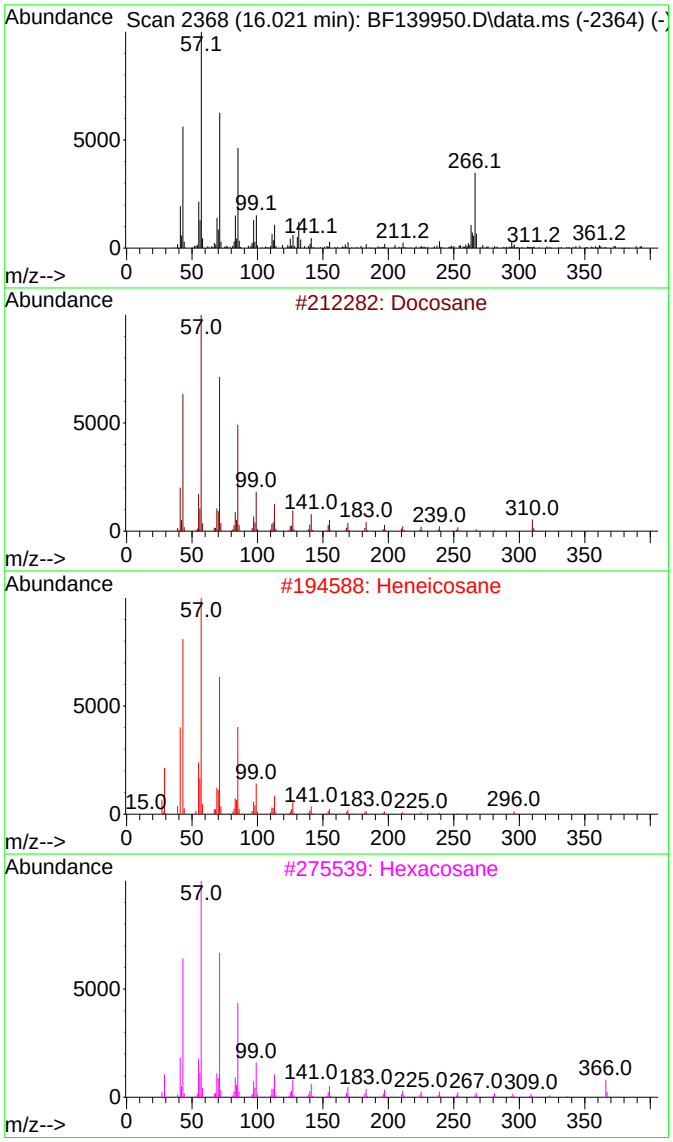
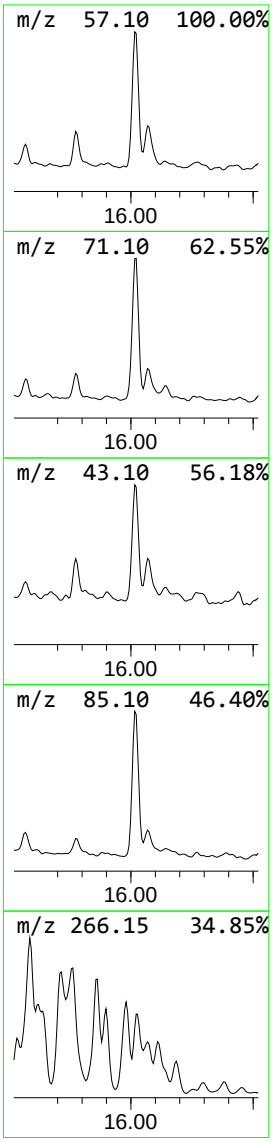
Peak Number 18 Docosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.021	5.03 ng	170981	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	64
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	64
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	64





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Data File : BF139950.D
Acq On : 23 Oct 2024 01:36
Operator : RC/JU
Sample : P4443-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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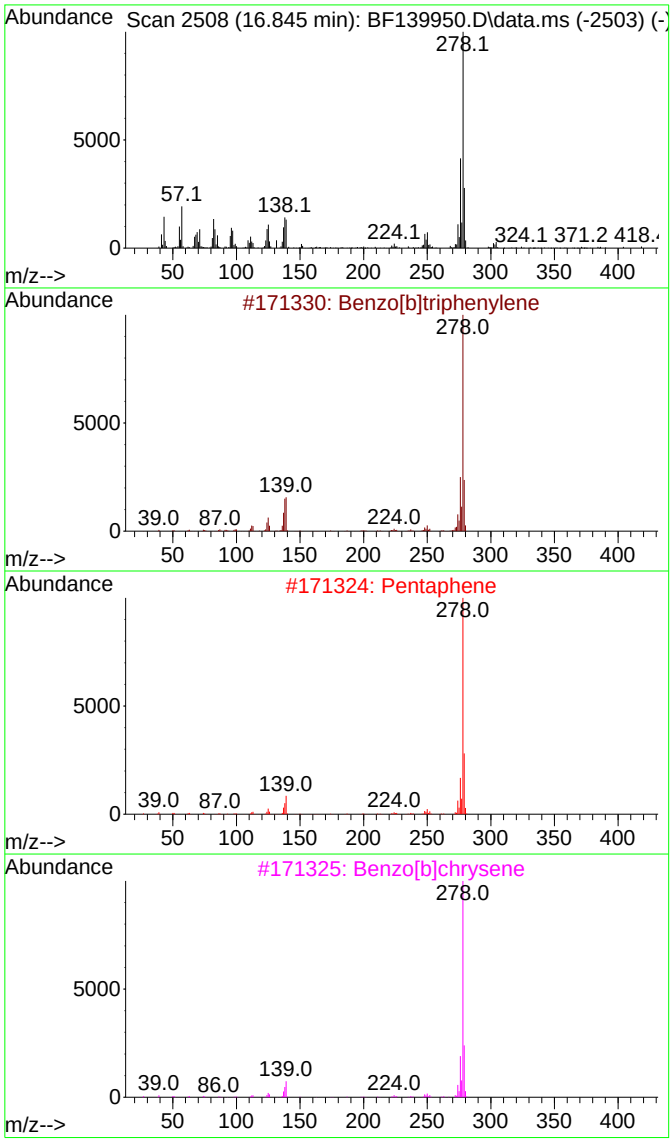
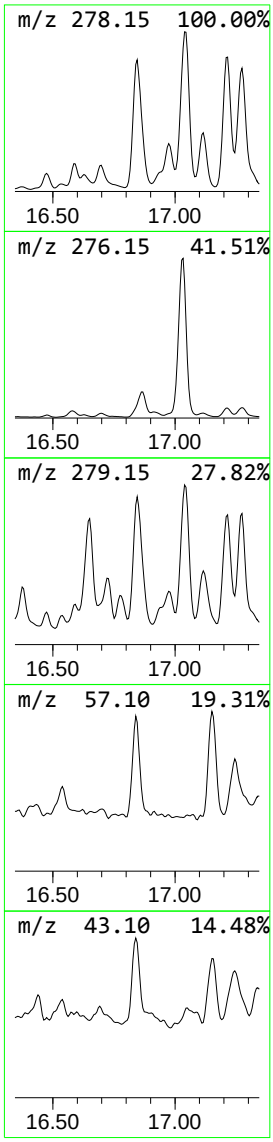
Peak Number 19 Benzo[b]triphenylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.845	10.89 ng	369927	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2	Pentaphene	278	C22H14	000222-93-5	86
3	Benzo[b]chrysene	278	C22H14	000214-17-5	86
4	Picene	278	C22H14	000213-46-7	86
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	76





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Data File : BF139950.D
Acq On : 23 Oct 2024 01:36
Operator : RC/JU
Sample : P4443-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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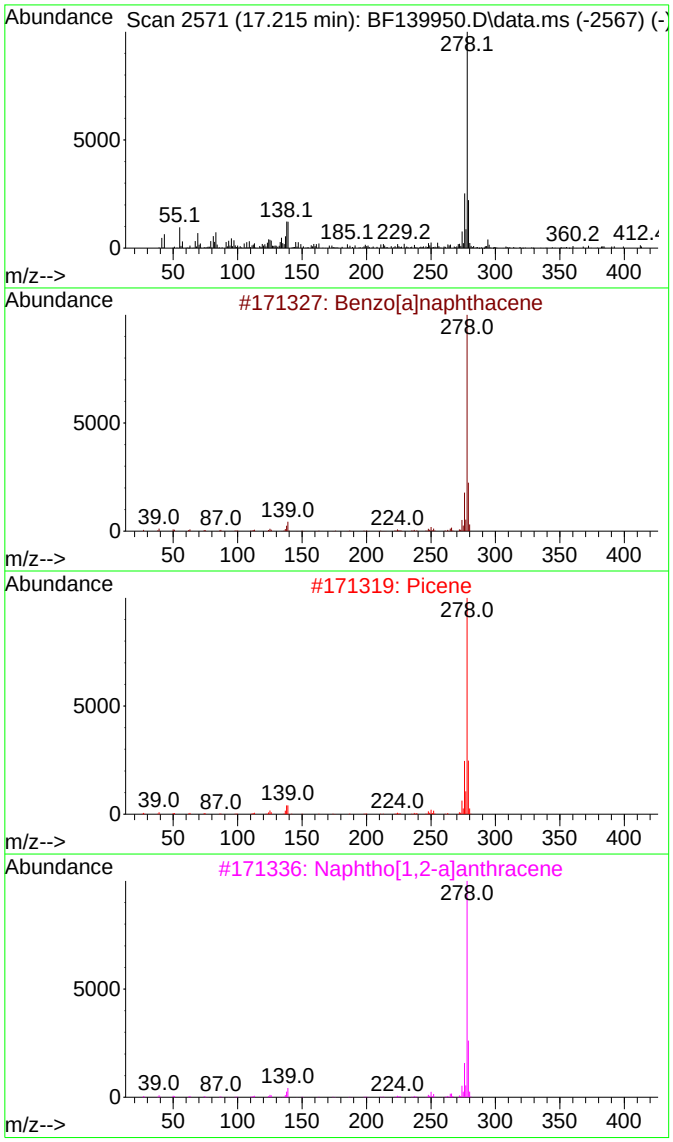
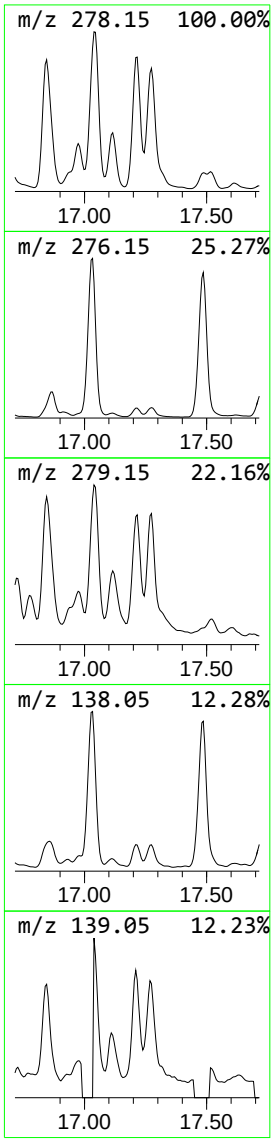
Peak Number 20 Benzo[a]naphthacene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.215	5.76 ng	195749	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]naphthacene	278	C22H14	000226-88-0	96
2	Picene	278	C22H14	000213-46-7	96
3	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	94
4	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	93
5	Benzo[b]chrysene	278	C22H14	000214-17-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139950.D
Acq On : 23 Oct 2024 01:36
Operator : RC/JU
Sample : P4443-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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...	2.140	10.9	ng	423160	1	6.892	774309	20.0
1-Isopropenylna...	10.539	3.1	ng	151085	3	9.928	974424	20.0
Benzophenone	10.633	5.3	ng	259038	3	9.928	974424	20.0
Phenanthrene, 4...	11.916	4.1	ng	1071630	4	11.416	5235410	20.0
Phenanthrene, 2...	11.945	5.3	ng	1397860	4	11.416	5235410	20.0
4H-Cyclopenta[d...	12.027	8.1	ng	2129350	4	11.416	5235410	20.0
9,10-Anthracene...	12.233	2.7	ng	696744	4	11.416	5235410	20.0
Phenanthrene, 2...	12.469	3.0	ng	788677	4	11.416	5235410	20.0
Pyrene, 1-methyl-	13.074	5.3	ng	1063300	5	14.057	4042480	20.0
Fluoranthene, 2...	13.180	5.8	ng	1172060	5	14.057	4042480	20.0
Pyrene, 4-methyl-	13.286	3.0	ng	612685	5	14.057	4042480	20.0
11H-Benzo[a]flu...	13.692	3.6	ng	733864	5	14.057	4042480	20.0
Benzo[b]naphtho...	13.804	3.6	ng	734211	5	14.057	4042480	20.0
7H-Benz[de]anth...	13.898	4.7	ng	939627	5	14.057	4042480	20.0
3-Hydroxy-1-met...	14.916	5.6	ng	189883	6	15.539	679470	20.0
Benzo[j]fluoran...	15.204	21.5	ng	729769	6	15.539	679470	20.0
Benzo[e]pyrene	15.410	30.4	ng	1031600	6	15.539	679470	20.0
Docosane	16.021	5.0	ng	170981	6	15.539	679470	20.0
Benzo[b]triphen...	16.845	10.9	ng	369927	6	15.539	679470	20.0
Benzo[a]naphtha...	17.215	5.8	ng	195749	6	15.539	679470	20.0