LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137988.D
Acq On : 21 May 2024 20:15
Operator : CG\JU
Sample : P2538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137988.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	4	10	17	rVB3	34352	78718	1.06%	0.135%
2	2.369	40	48	54	rBV	1603932	2108631	28.37%	3.627%
3	5.657	601	607	610	rBV	3178635	3069404	41.29%	5.280%
4	6.651	770	776	778	rBV	2740983	3124456	42.03%	5.375%
5	7.034	837	841	844	rBV	1110947	875485	11.78%	1.506%
6	7.592	931	936	939	rBV	2086200	2055269	27.65%	3.535%
7	8.204	1037	1040	1048	rBV	114807	121440	1.63%	0.209%
8	8.316	1055	1059	1061	rBV	1536454	1205412	16.22%	2.074%
9	8.616	1107	1110	1115	rBV	92241	92350	1.24%	0.159%
10	9.392	1238	1242	1245	rBV	4953661	4080945	54.90%	7.020%
11	9.734	1296	1300	1302	rBV	79725	82308	1.11%	0.142%
12	9.939	1332	1335	1337	rBV2	122704	103447	1.39%	0.178%
13	10.081	1355	1359	1362	rVB	1711728	1339733	18.02%	2.305%
14	10.110	1362	1364	1368	rVB	521264	386032	5.19%	0.664%
15	10.163	1369	1373	1380	rVB3	88792	161310	2.17%	0.277%
16	10.233	1380	1385	1387	rBV4	63678	77011	1.04%	0.132%
17	10.281	1389	1393	1396	rVB2	166829	159641	2.15%	0.275%
18	10.392	1408	1412	1415	rBV	92925	109414	1.47%	0.188%
19	10.486	1424	1428	1433	rVB5	73391	103341	1.39%	0.178%
20	10.628	1448	1452	1457	rVB	468275	402504	5.41%	0.692%
21	10.716	1465	1467	1469	rVB	101418	80306	1.08%	0.138%
22	10.781	1476	1478	1482	rVB	116796	121322	1.63%	0.209%
23	10.875	1489	1494	1497	rBV	2763835	2681182	36.07%	4.612%
24	10.981	1508	1512	1519	rVB4	105149	163733	2.20%	0.282%
25	11.175	1540	1545	1548	rBV3	111241	157689	2.12%	0.271%
26	11.204	1548	1550	1553	rVV2	85886	96808	1.30%	0.167%
27	11.263	1557	1560	1562	rVB2	84640	81407	1.10%	0.140%
28	11.304	1562	1567	1568	rBV3	82944	110852	1.49%	0.191%
29	11.328	1568	1571	1575	rVV3	79534	103571	1.39%	0.178%
30	11.375	1576	1579	1582	rVV2	89344	74642	1.00%	0.128%
31	11.416	1583	1586	1589	rVV2	105297	119579	1.61%	0.206%
32	11.469	1593	1595	1599	rVB	214355	178200	2.40%	0.307%
33	11.575	1609	1613	1615	rBV	1593325	1384732	18.63%	2.382%
34	11.598	1615	1617	1621	rVV	2378694	2174868	29.26%	3.741%
35	11.651	1621	1626	1628	rVV	720851	589081	7.92%	1.013%
36	11.680	1628	1631	1634	rVB3	68131	80778	1.09%	0.139%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137988.D
Acq On : 21 May 2024 20:15
Operator : CG\JU
Sample : P2538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.798	1648	1651	1655	rBV2	173185	184311	2.48%	0.317%
38	12.080	1695	1699	1701	rBV2	618772	689705	9.28%	1.186%
39	12.104	1701	1703	1705	rVV	446965	384161	5.17%	0.661%
40	12.122	1705	1706	1709	rVB	509607	322852	4.34%	0.555%
41	12.151	1709	1711	1714	rVB	219797	171362	2.31%	0.295%
42	12.192	1714	1718	1720	rBV2	636195	678400	9.13%	1.167%
43	12.369	1745	1748	1751	rBV	232682	203349	2.74%	0.350%
44	12.398	1751	1753	1759	rVB3	112622	140073	1.88%	0.241%
45	12.522	1772	1774	1776	rVB	102591	74421	1.00%	0.128%
46	12.627	1789	1792	1796	rBV	233162	294661	3.96%	0.507%
47	12.716	1804	1807	1811	rBV2	103218	147931	1.99%	0.254%
48	12.751	1811	1813	1816	rVB3	84999	81959	1.10%	0.141%
49	12.798	1817	1821	1824	rBV	3066414	2561897	34.46%	4.407%
50	12.869	1829	1833	1835	rBV4	115259	153497	2.06%	0.264%
51	13.027	1853	1860	1865	rBV	2453019	2822560	37.97%	4.855%
52	13.069	1865	1867	1872	rVB2	146552	154499	2.08%	0.266%
53	13.163	1879	1883	1886	rVB	3772147	3088126	41.54%	5.312%
54	13.233	1892	1895	1900	rBV2	156305	251776	3.39%	0.433%
55	13.327	1908	1911	1912	rBV3	111666	117584	1.58%	0.202%
56	13.351	1912	1915	1918	rVB2	383470	329460	4.43%	0.567%
57	13.416	1923	1926	1929	rBV	316177	254986	3.43%	0.439%
58	13.457	1929	1933	1936	rVV2	229009	229224	3.08%	0.394%
59	13.551	1946	1949	1951	rBV	137496	108626	1.46%	0.187%
60	13.580	1951	1954	1957	rBV	153703	141602	1.90%	0.244%
61	13.645	1960	1965	1968	rBV	6797025	7433546	100.00%	12.787%
62	13.863	1999	2002	2006	rVB	96455	116025	1.56%	0.200%
63	13.974	2018	2021	2024	rBV2	109979	109235	1.47%	0.188%
64	14.004	2024	2026	2028	rVV	178960	135361	1.82%	0.233%
65	14.027	2028	2030	2031	rVV	142631	110680	1.49%	0.190%
66	14.069	2034	2037	2045	rVB3	205768	331140	4.45%	0.570%
67	14.221	2059	2063	2066	rBV3	1425737	1968139	26.48%	3.386%
68	14.251	2066	2068	2075	rVB	950921	895918	12.05%	1.541%
69	14.333	2079	2082	2085	rBV	208569	182719	2.46%	0.314%
70	14.451	2098	2102	2105	rBV2	84399	132093	1.78%	0.227%
71	14.610	2127	2129	2132	rVB	192233	166518	2.24%	0.286%
72	14.710	2144	2146	2149	rVV	84653	78383	1.05%	0.135%
73	14.745	2149	2152	2154	rVV	114645	121055	1.63%	0.208%
74	14.768	2154	2156	2159	rVB	142400	121620	1.64%	0.209%
75	15.039	2198	2202	2209	rVB	275987	295892	3.98%	0.509%
76	15.316	2245	2249	2253	rBV	636710	1093751	14.71%	1.881%

LSC Area Percent Report

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Operator : CG\JU
Sample : P2538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.433	2266	2269	2273	rBV	129129	137981	1.86%	0.237%
78	15.651	2302	2306	2312	rVB	405826	542584	7.30%	0.933%
79	15.721	2313	2318	2324	rVV	598543	775653	10.43%	1.334%
80	15.792	2325	2330	2333	rVV	657266	898480	12.09%	1.546%
81	15.821	2333	2335	2343	rVB	166994	216934	2.92%	0.373%
82	17.404	2599	2604	2615	rVB2	166207	373679	5.03%	0.643%
83	17.898	2682	2688	2695	rBV2	120074	244530	3.29%	0.421%
84	18.162	2728	2733	2741	rVB	58949	128069	1.72%	0.220%

Sum of corrected areas: 58132608

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
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Operator : CG\JU
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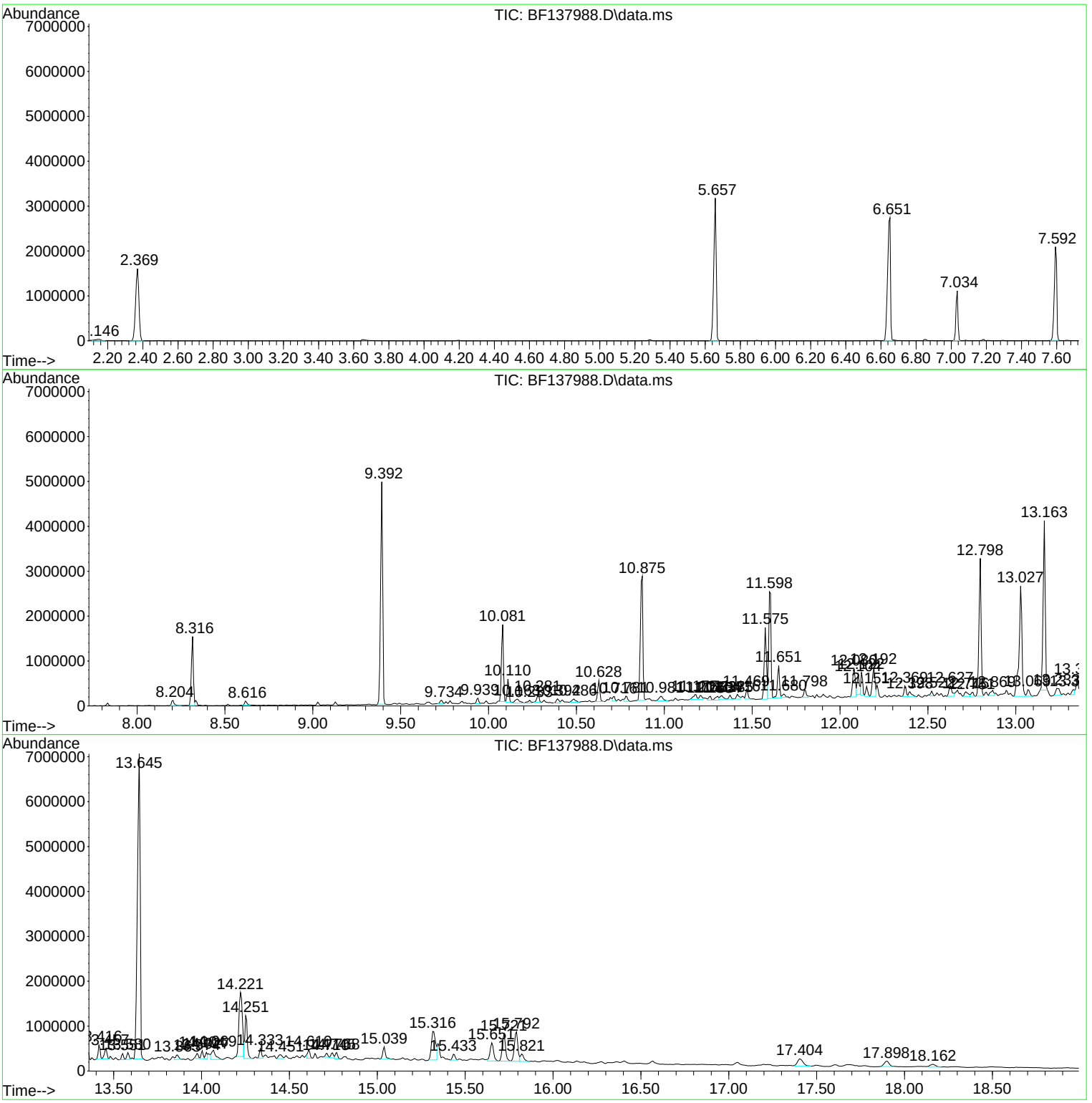
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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\BF052124\
Data File : BF137988.D
Acq On : 21 May 2024 20:15
Operator : CG\JU
Sample : P2538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

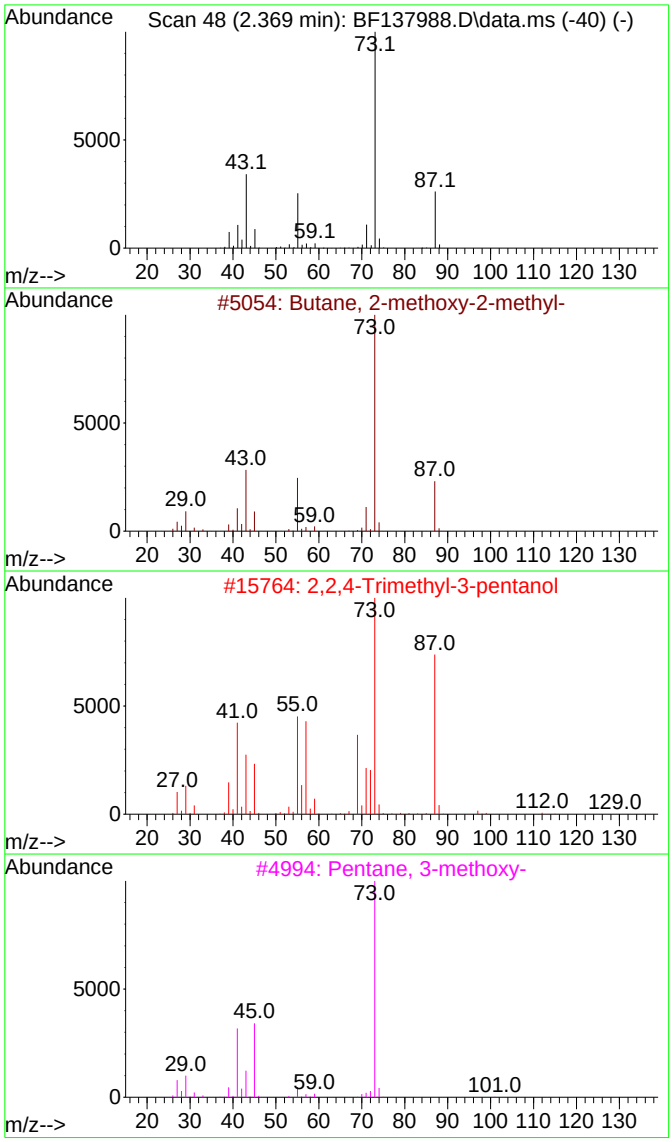
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

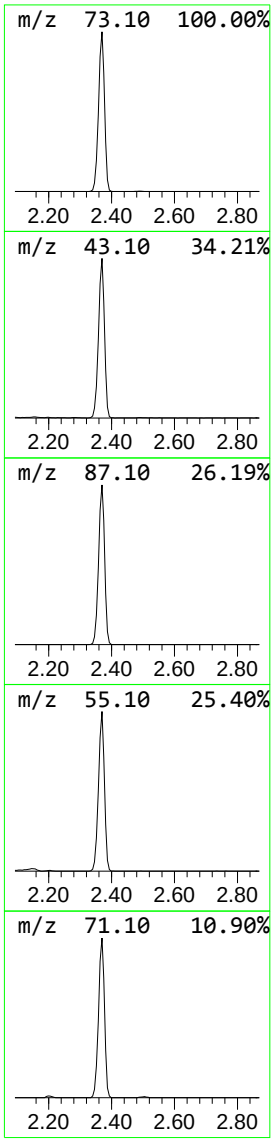
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.369	48.17 ng	2108630	1,4-Dichlorobenzene-d4	7.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Sample : P2538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

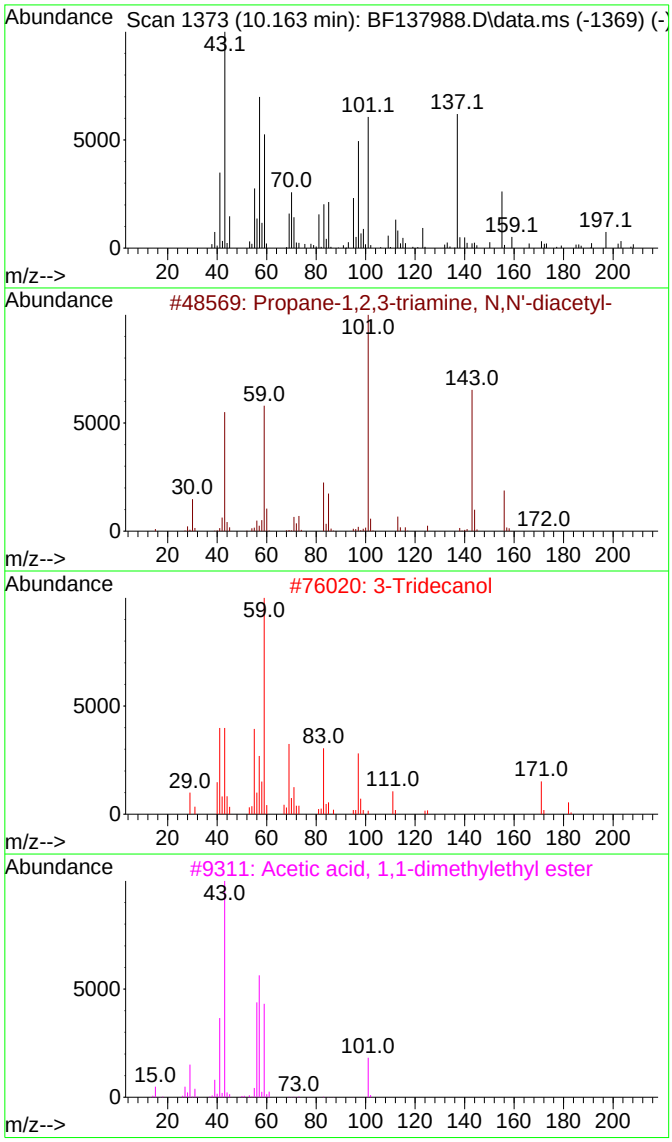
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

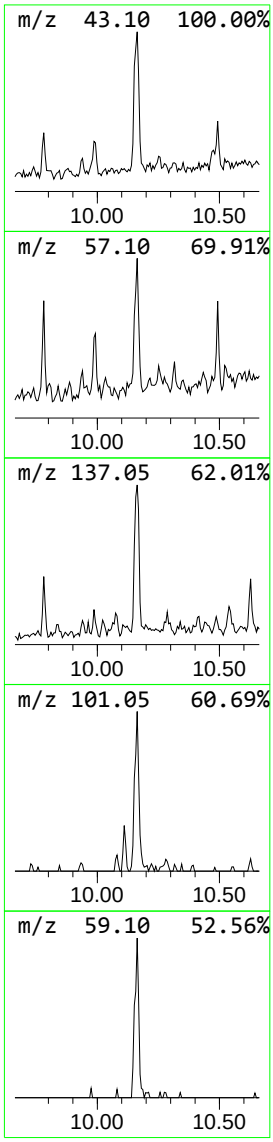
****

Peak Number 2 unknown10.163 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	2.41 ng	161310	Acenaphthene-d10	10.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane-1,2,3-triamine, N,N'-dia...	173	C7H15N3O2	1000500-54-4	16
2	3-Tridecanol	200	C13H28O	010289-68-6	14
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	14
4	3-Tetradecanol	214	C14H30O	001653-32-3	10
5	Docosyl isobutyl ether	382	C26H54O	1000406-33-1	10





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

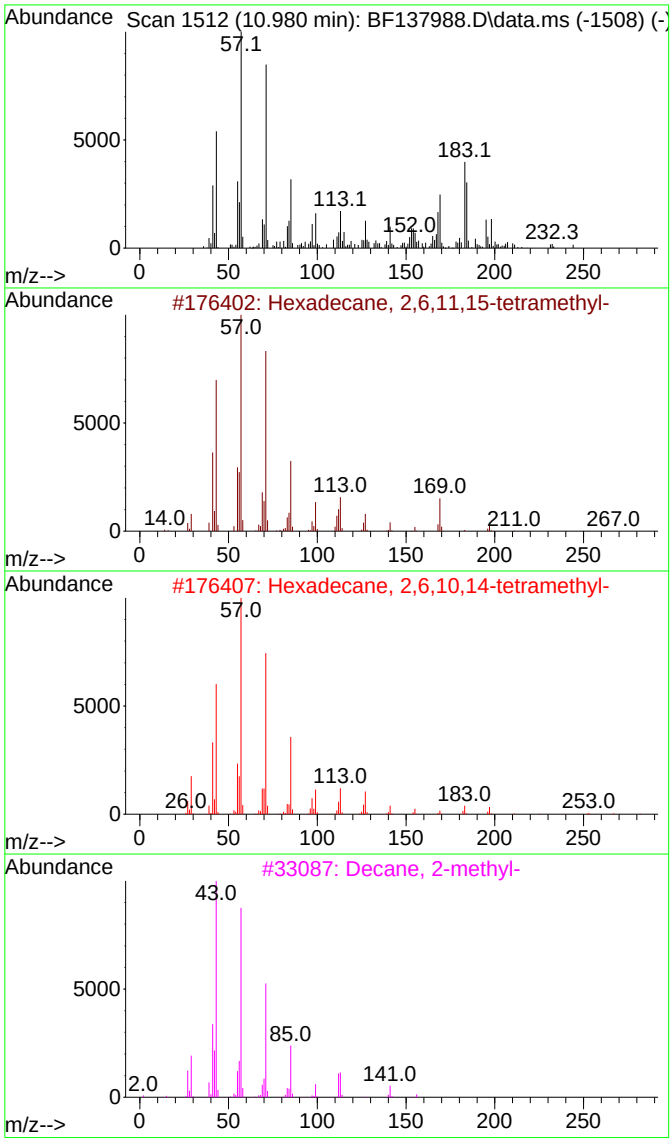
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

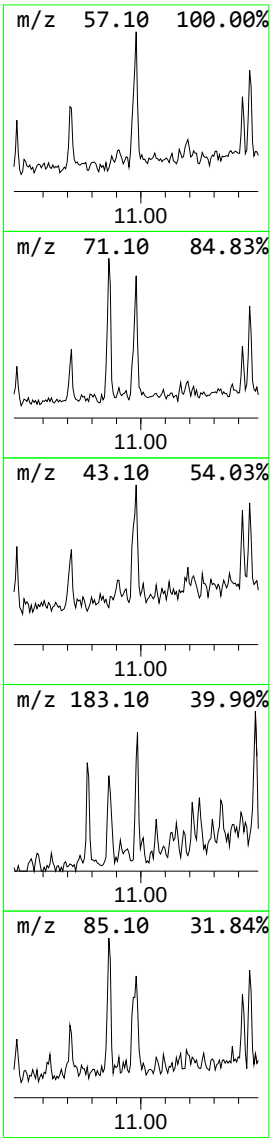
****

Peak Number 3 unknown10.980 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.980	2.36 ng	163733	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	38
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38
3	Decane, 2-methyl-	156	C11H24	006975-98-0	38
4	Tetradecane	198	C14H30	000629-59-4	38
5	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	35





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Instrument :
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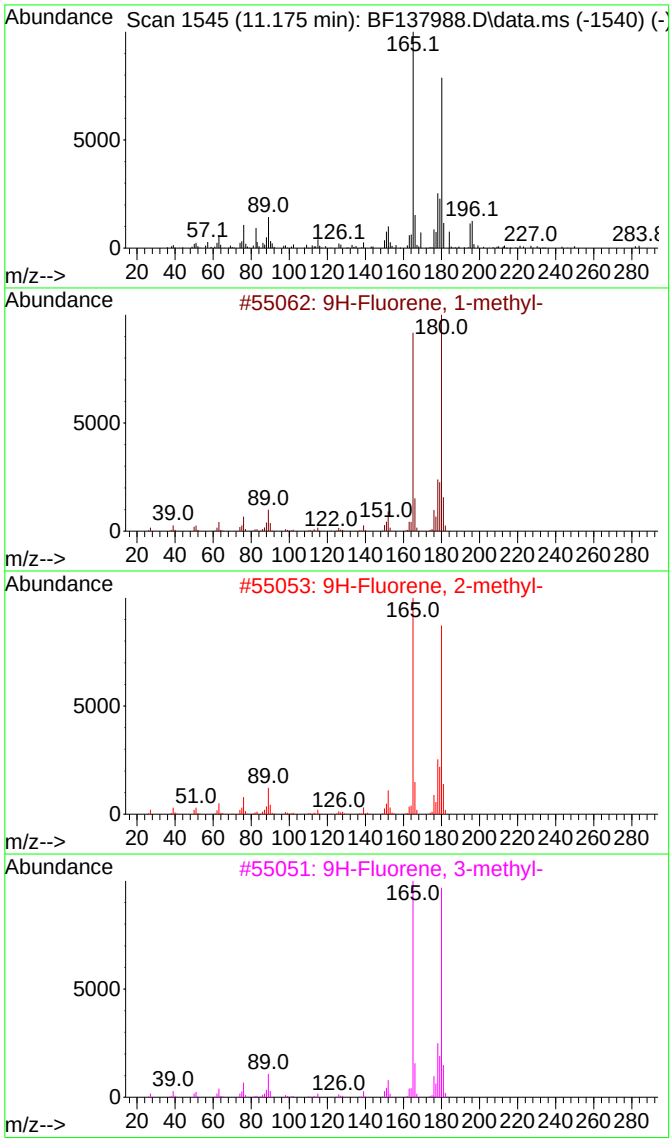
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

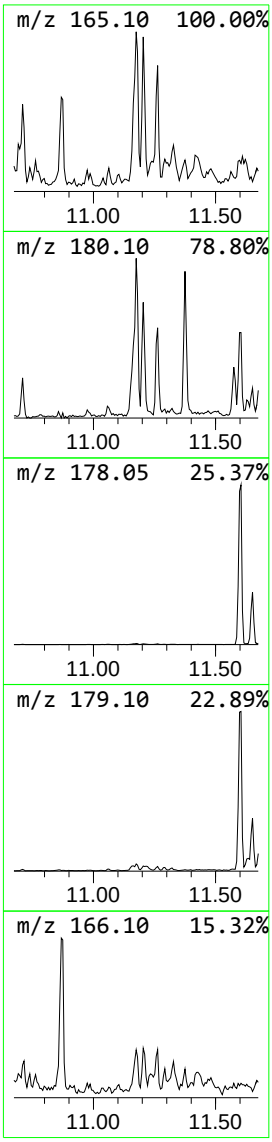
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	2.28 ng	157689	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	76





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Acq On : 21 May 2024 20:15
Operator : CG\JU
Sample : P2538-01
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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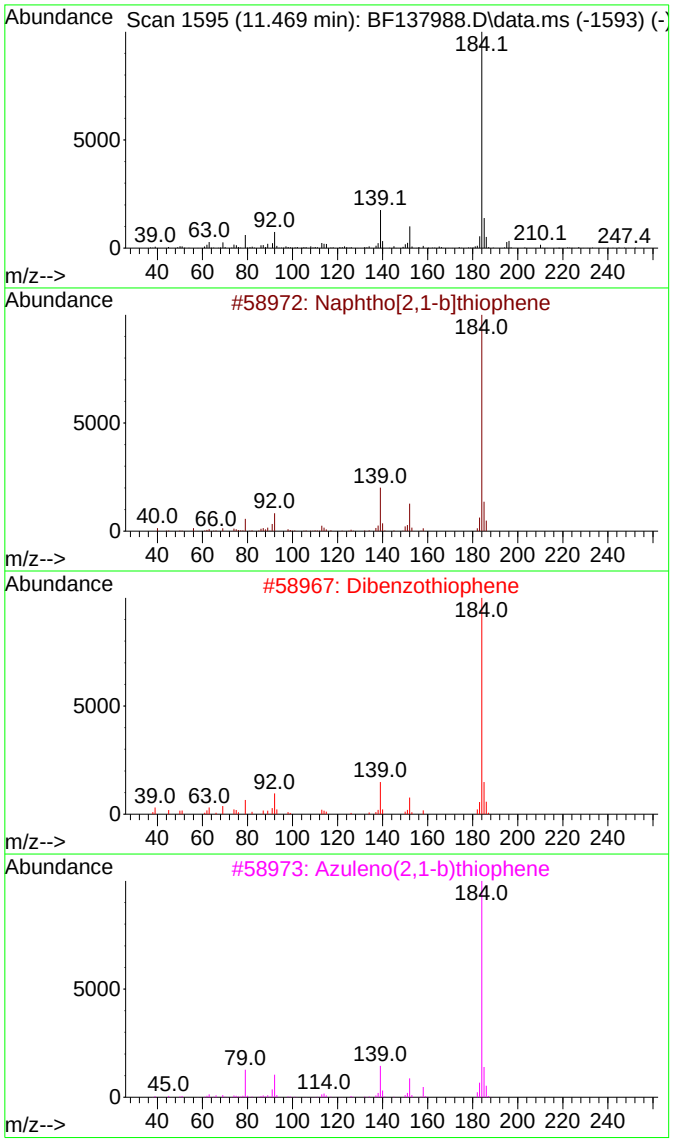
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

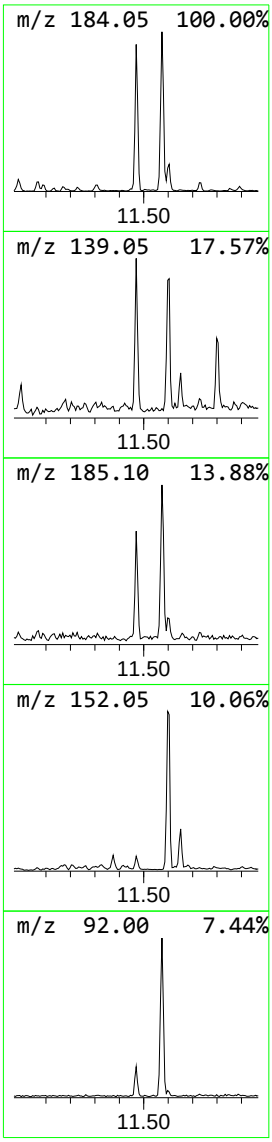
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.469	2.57 ng	178200	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137988.D
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Sample : P2538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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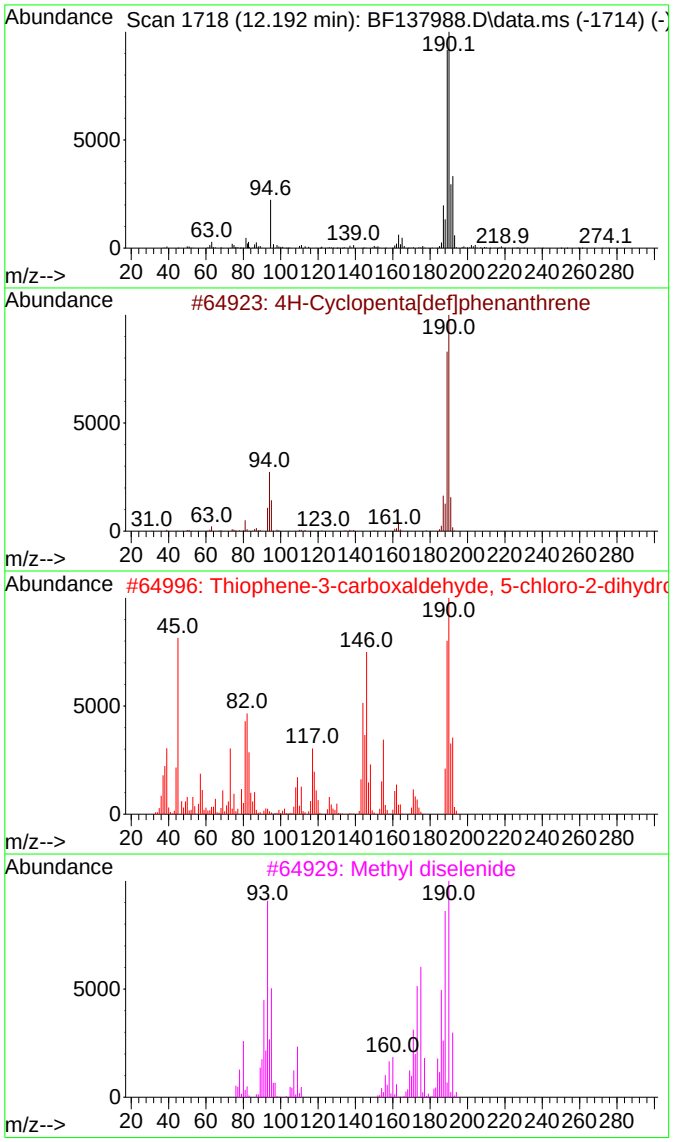
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

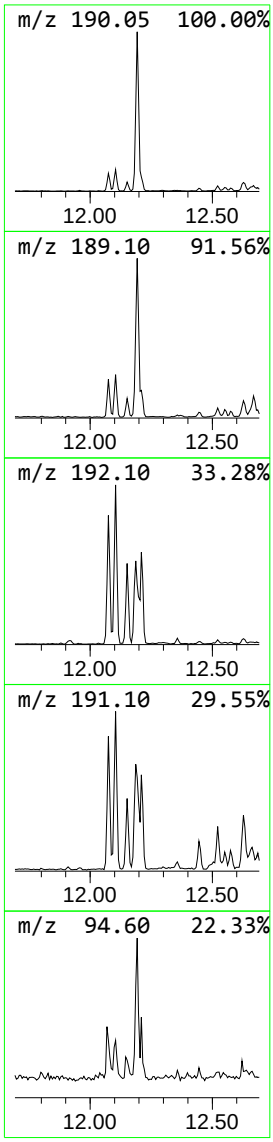
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	9.80 ng	678400	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





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Operator : CG\JU
Sample : P2538-01
Misc :
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Instrument :
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ClientSampleId :
POLE-SLEEVE-SOIL

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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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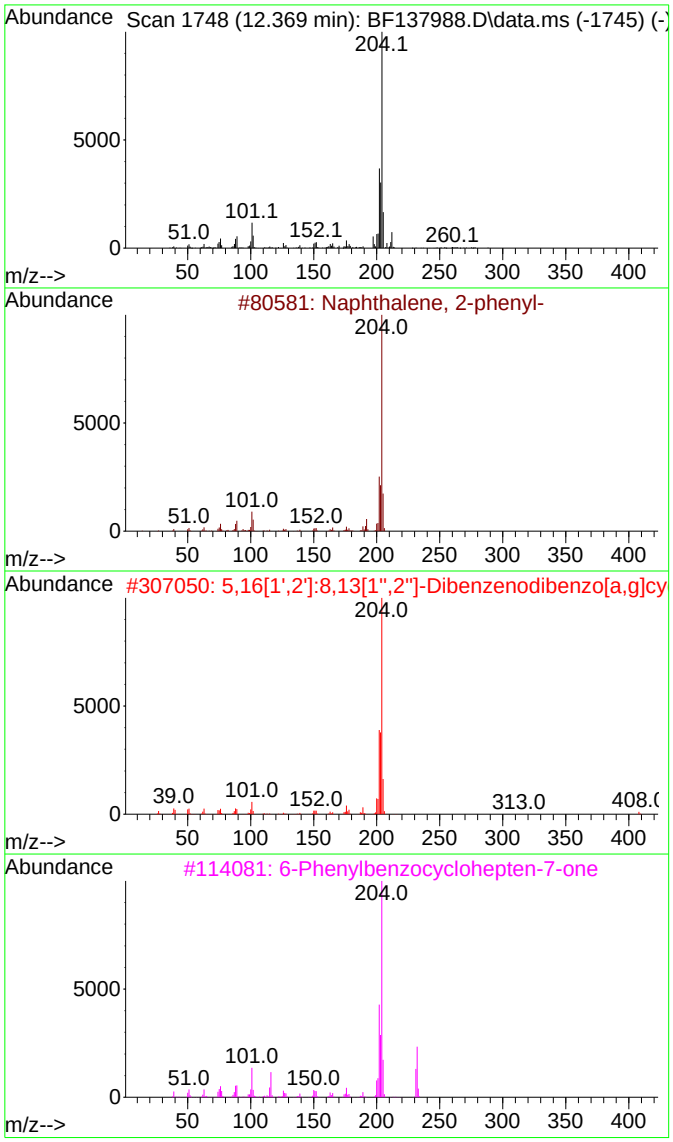
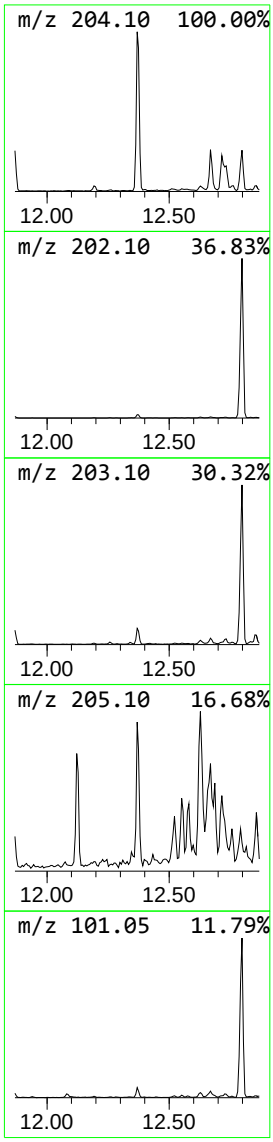
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	2.94 ng	203349	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	60
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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ClientSampleId :
POLE-SLEEVE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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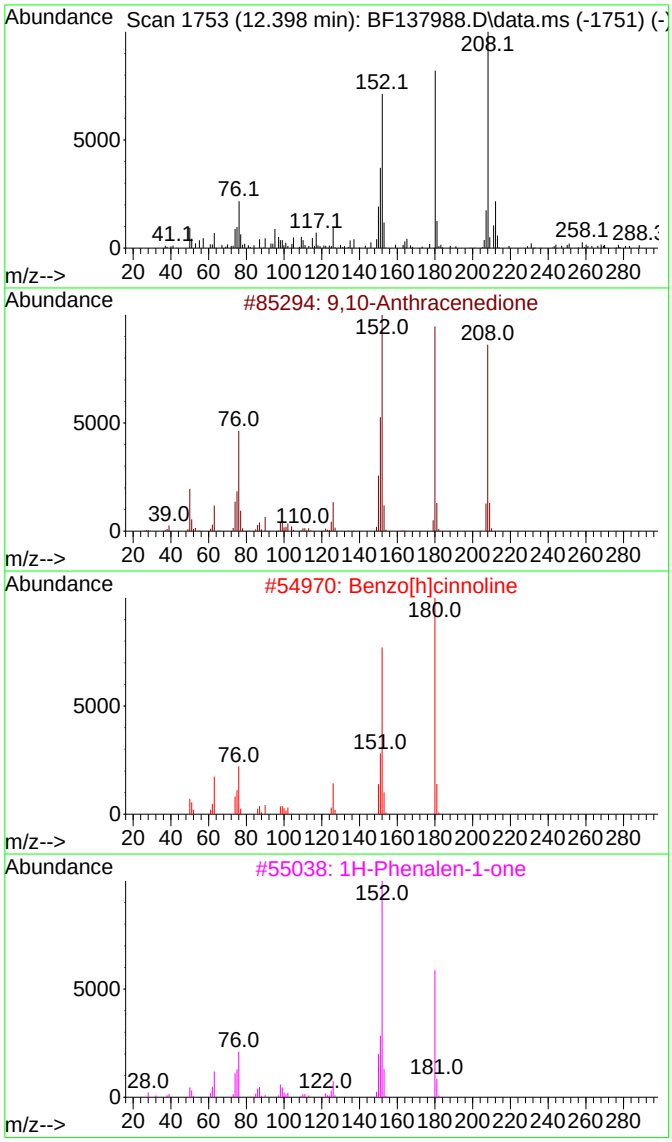
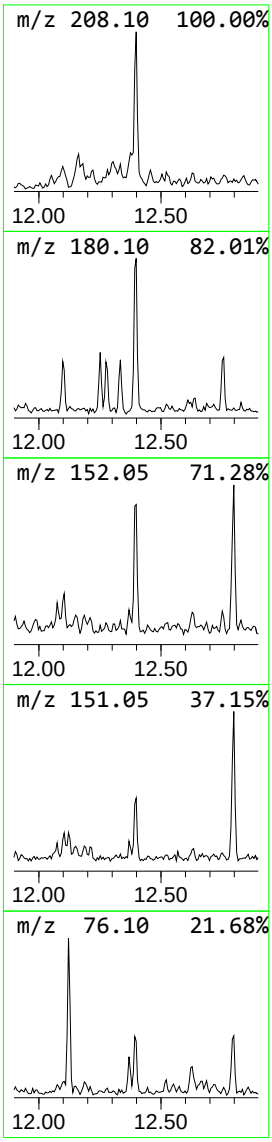
Peak Number 8 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	2.02 ng	140073	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	55





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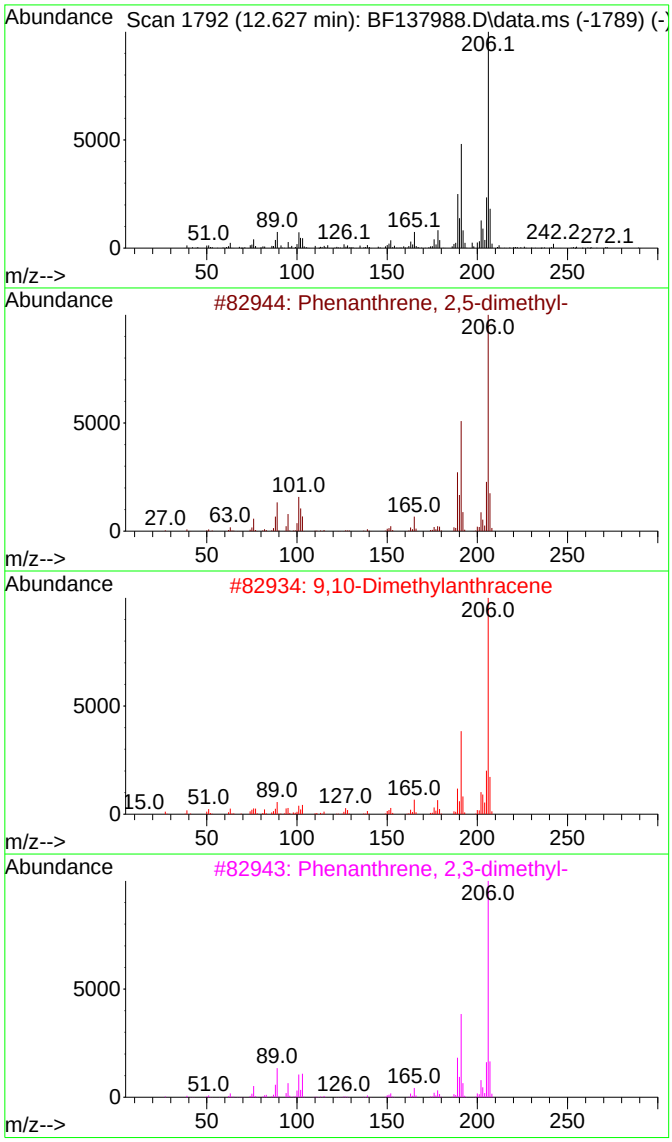
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

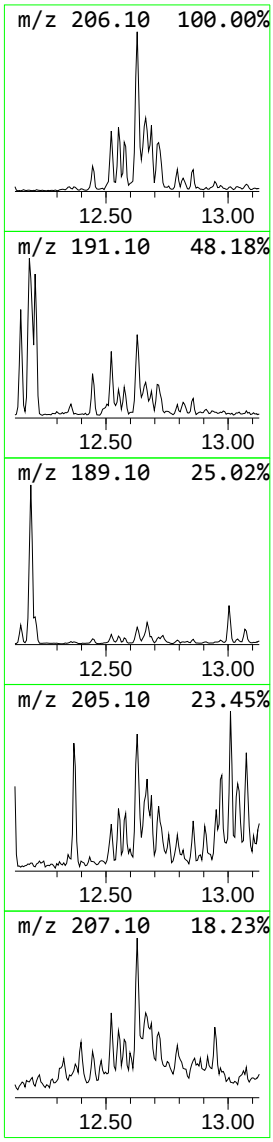
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.628	4.26 ng	294661	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
POLE-SLEEVE-SOIL

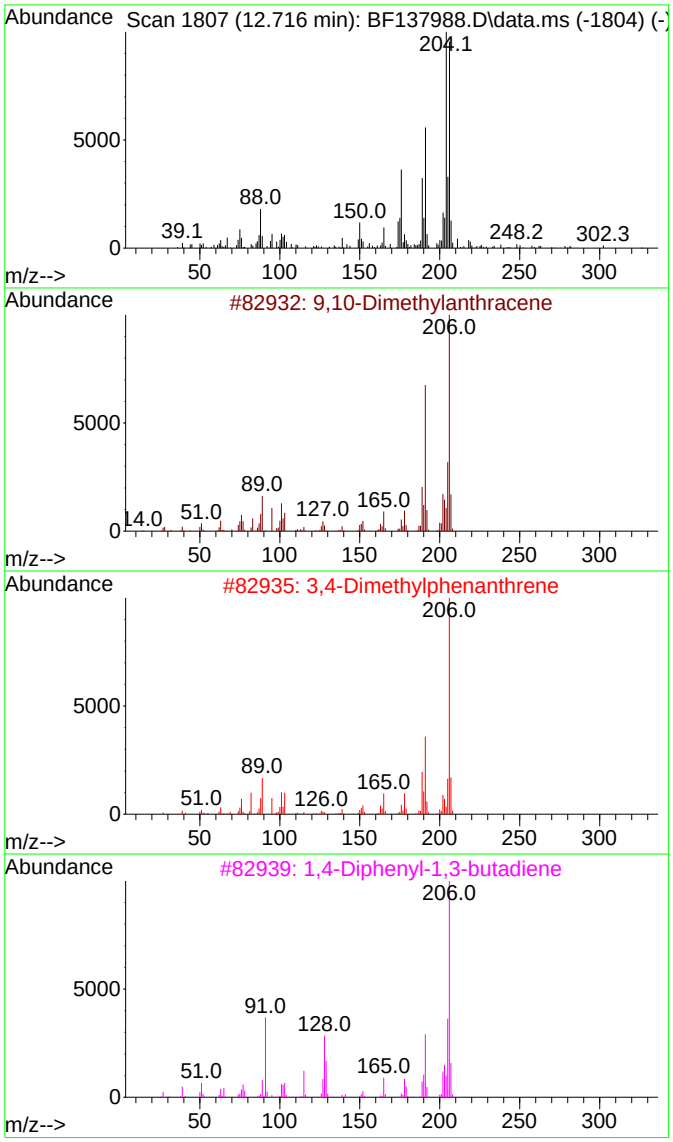
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

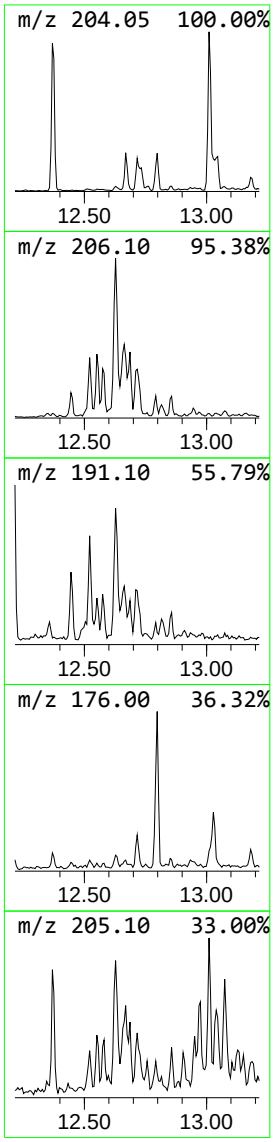
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	2.14 ng	147931	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	53
3	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	50
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	49
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	46





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POLE-SLEEVE-SOIL

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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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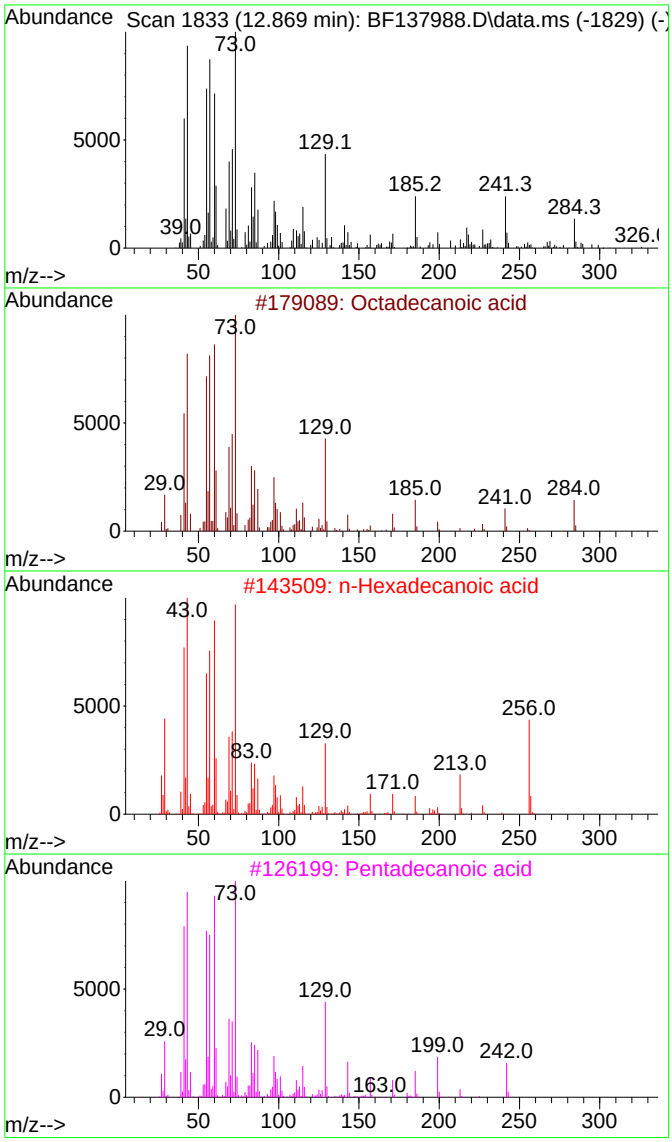
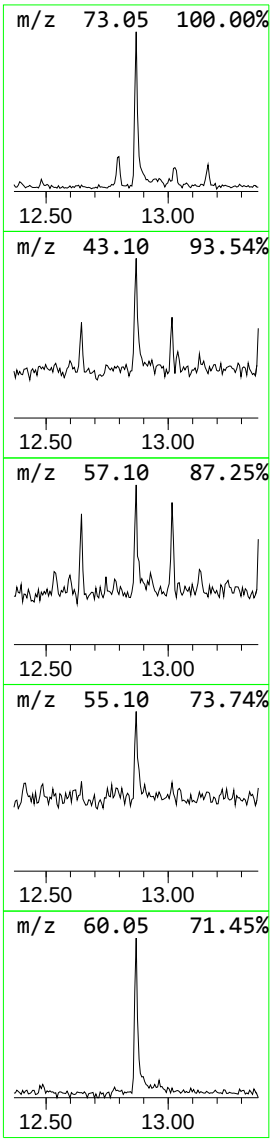
Peak Number 11 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.869	2.22 ng	153497	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





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ALS Vial : 19 Sample Multiplier: 1

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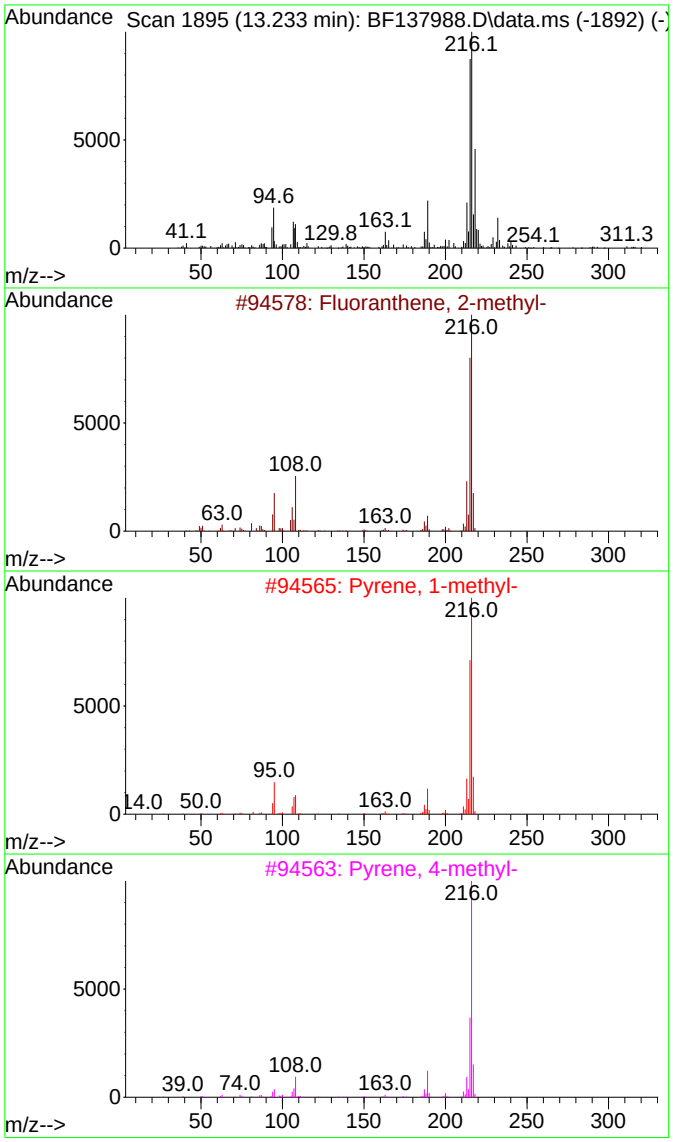
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

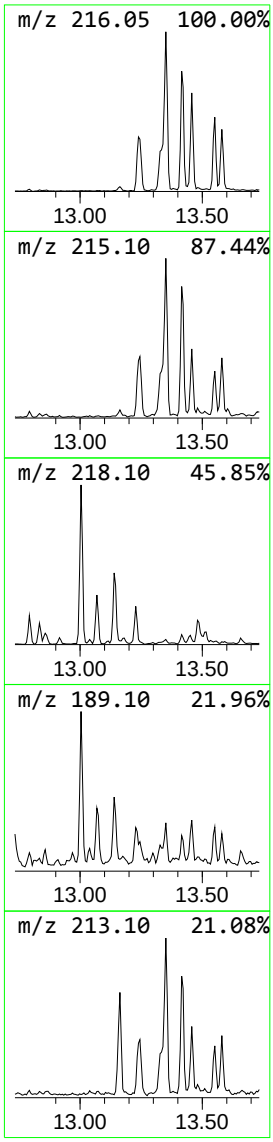
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	2.56 ng	251776	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58





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Sample : P2538-01
Misc :
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Instrument :
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ClientSampleId :
POLE-SLEEVE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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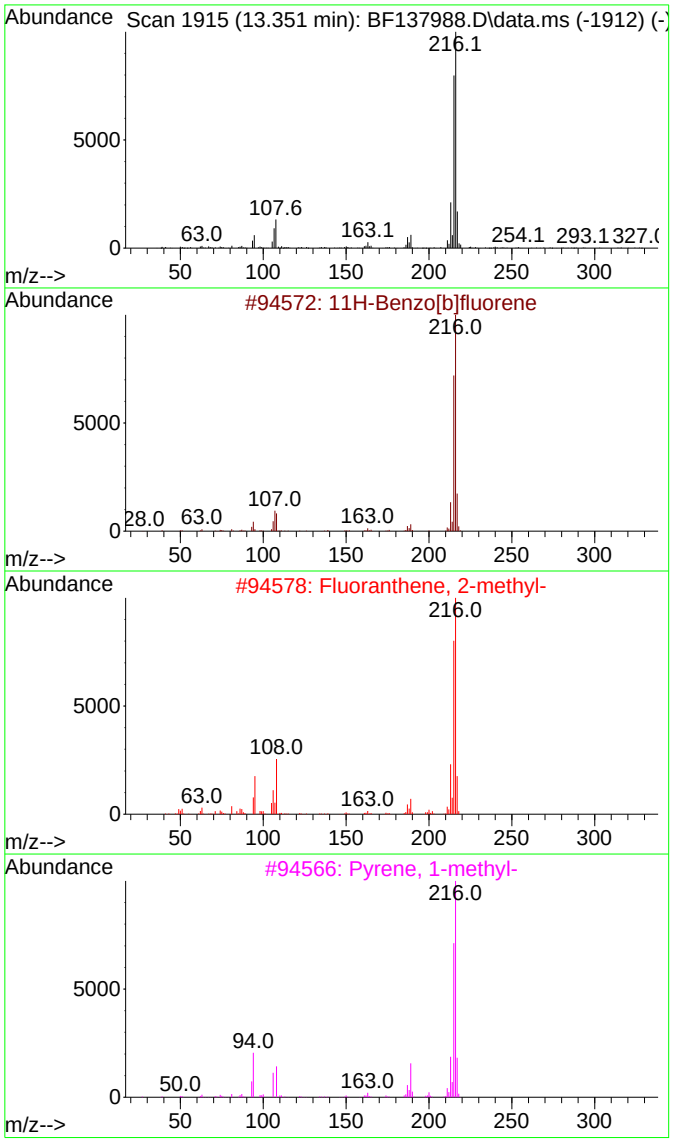
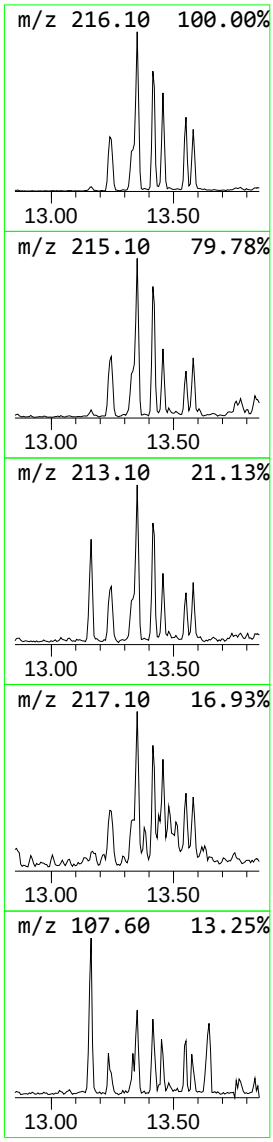
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.351	3.35 ng	329460	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
POLE-SLEEVE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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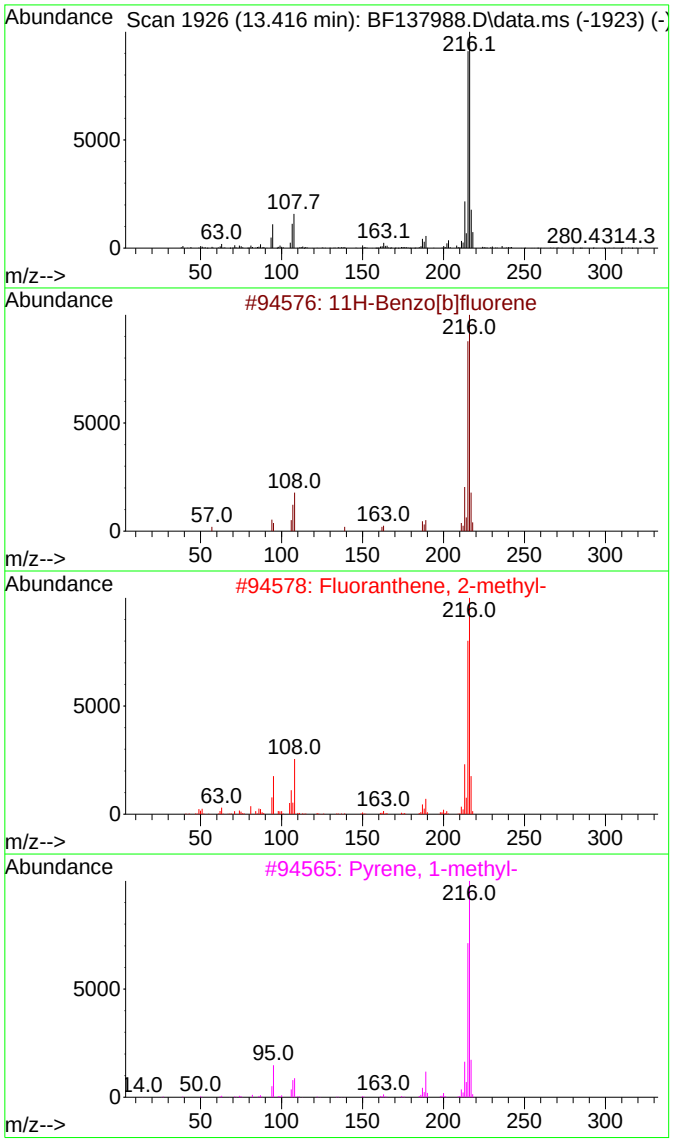
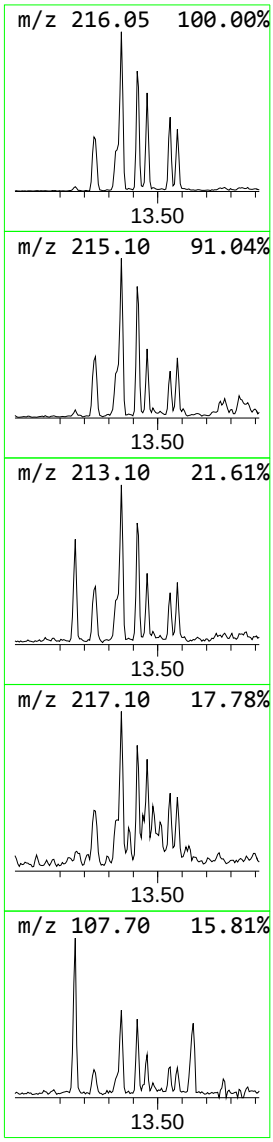
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.416	2.59 ng	254986	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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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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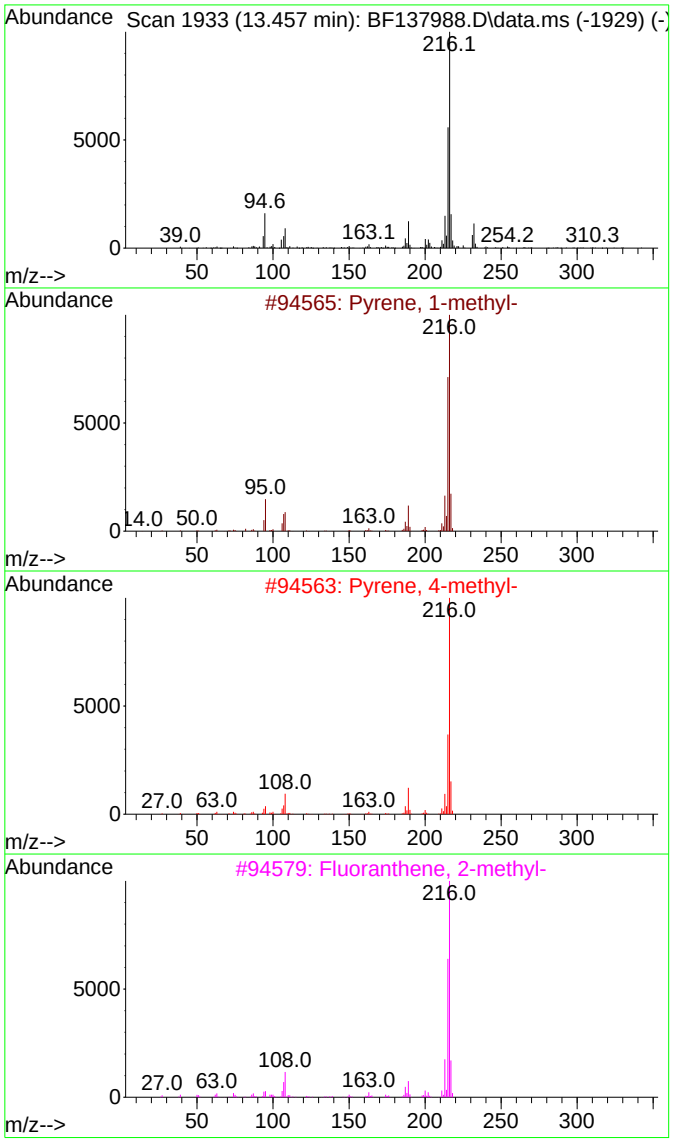
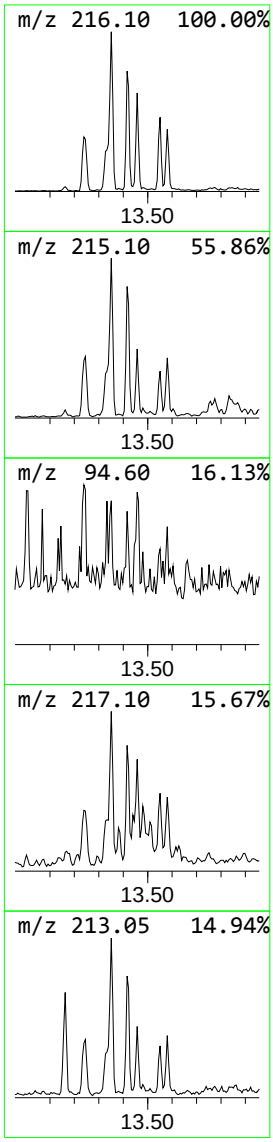
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	2.33 ng	229224	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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POLE-SLEEVE-SOIL

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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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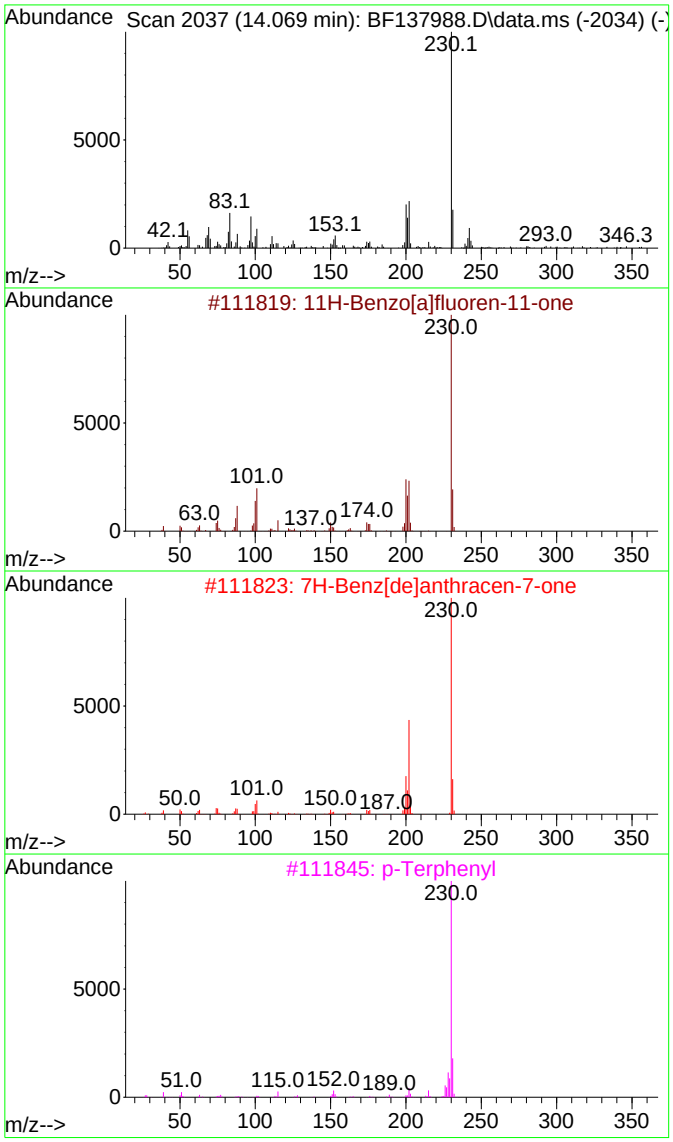
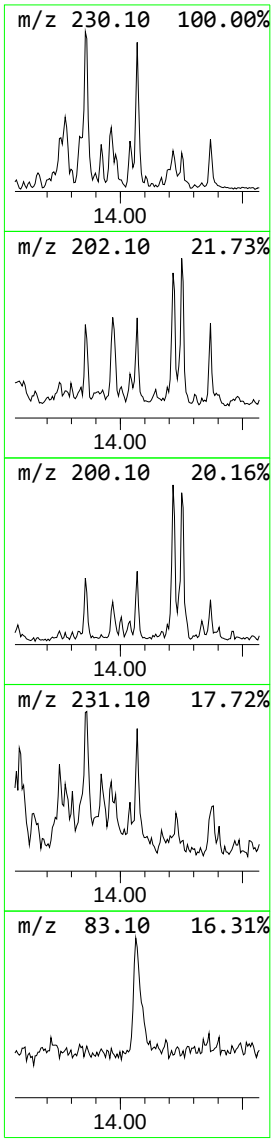
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.069	3.37 ng	331140	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
3	p-Terphenyl	230	C18H14	000092-94-4	46
4	m-Terphenyl	230	C18H14	000092-06-8	46
5	o-Terphenyl	230	C18H14	000084-15-1	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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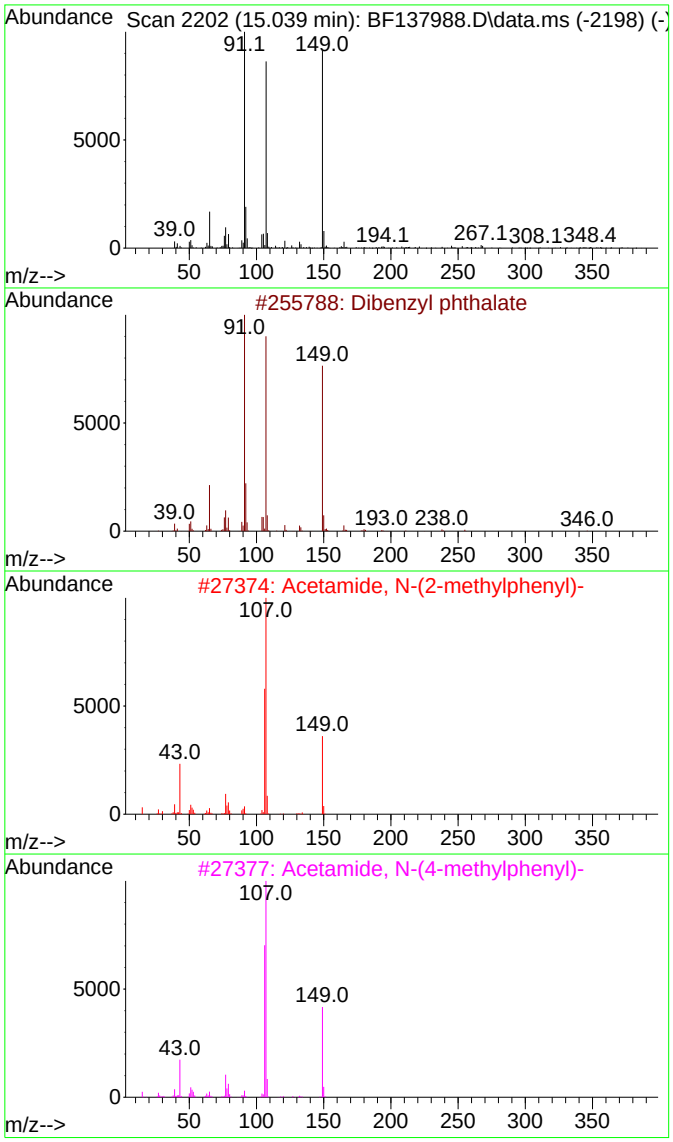
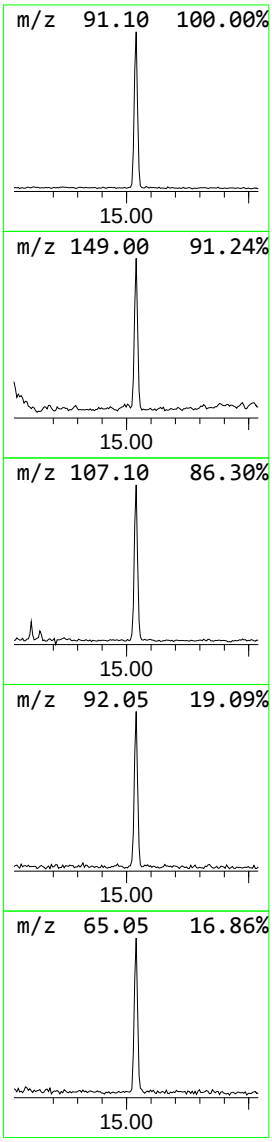
Peak Number 17 Dibenzyl phthalate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.039	6.59 ng	295892	Perylene-d12	15.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzyl phthalate	346	C22H18O4	000523-31-9	76
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	46
3	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	46
4	Propanoic acid, 2-(phenylmethoxy)-	180	C10H12O3	006625-78-1	43
5	3-Benzyloxy-1-nitrobutane	209	C11H15NO3	1000195-58-1	43





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Data File : BF137988.D
Acq On : 21 May 2024 20:15
Operator : CG\JU
Sample : P2538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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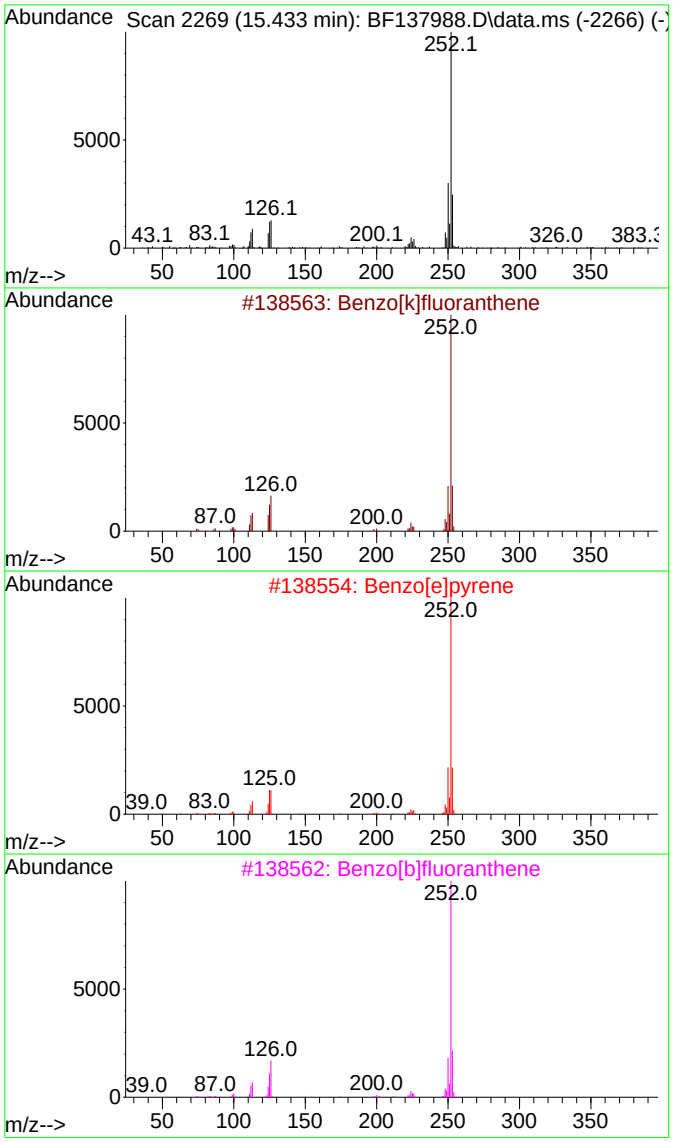
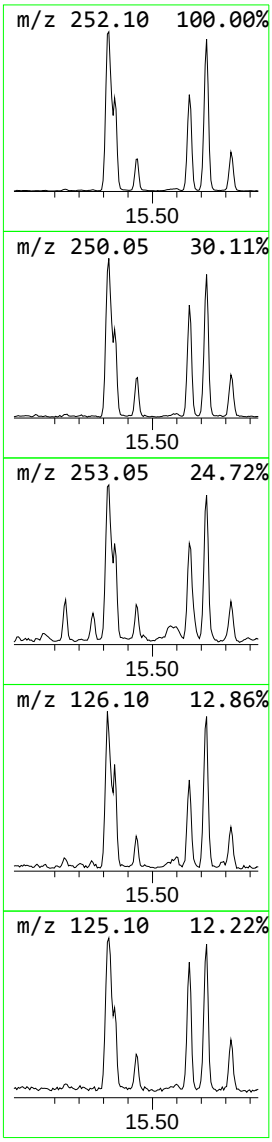
Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	3.07 ng	137981	Perylene-d12	15.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137988.D
Acq On : 21 May 2024 20:15
Operator : CG\JU
Sample : P2538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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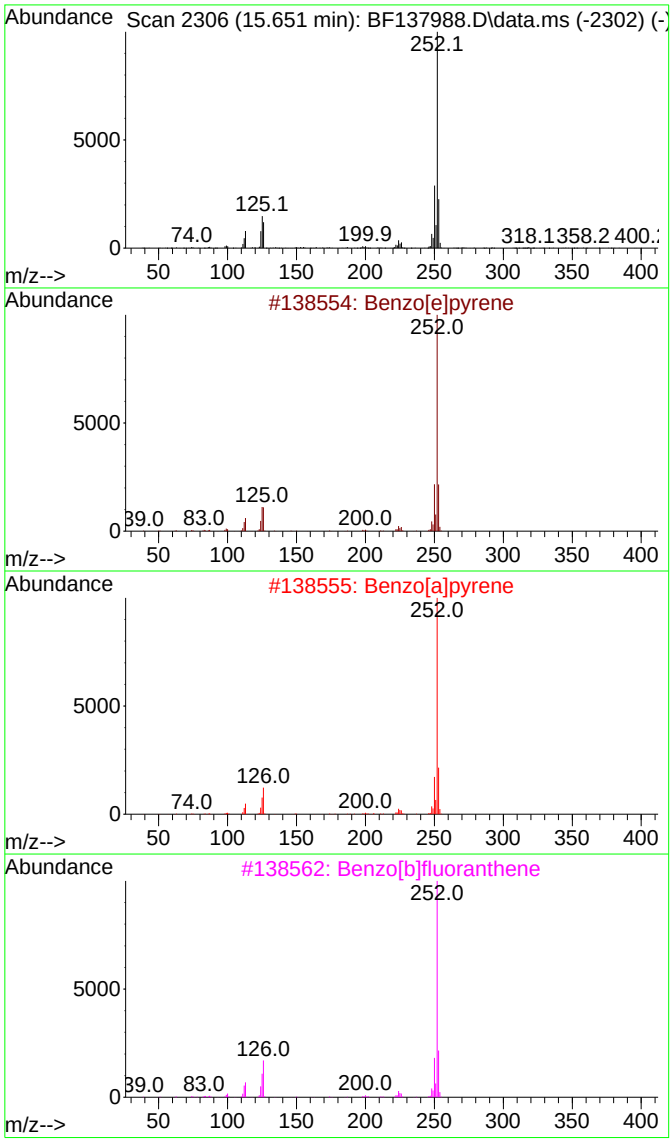
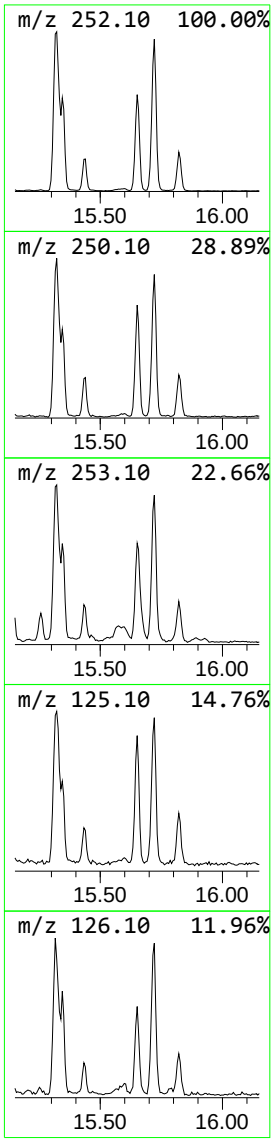
Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	12.08 ng	542584	Perylene-d12	15.792

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137988.D
Acq On : 21 May 2024 20:15
Operator : CG\JU
Sample : P2538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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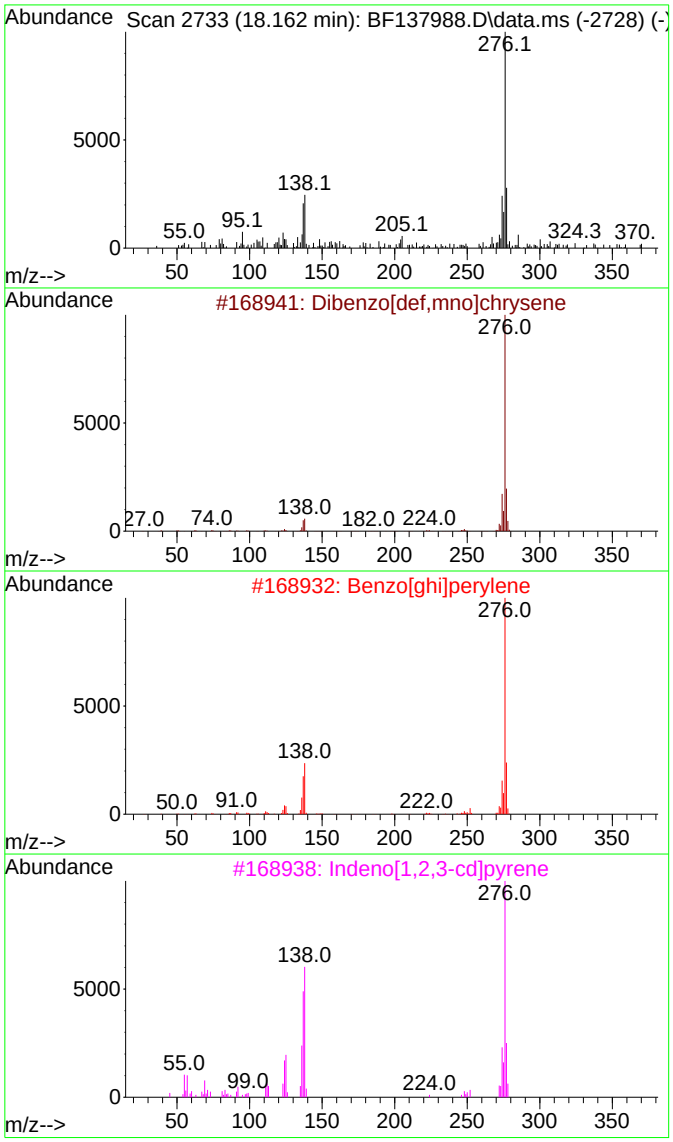
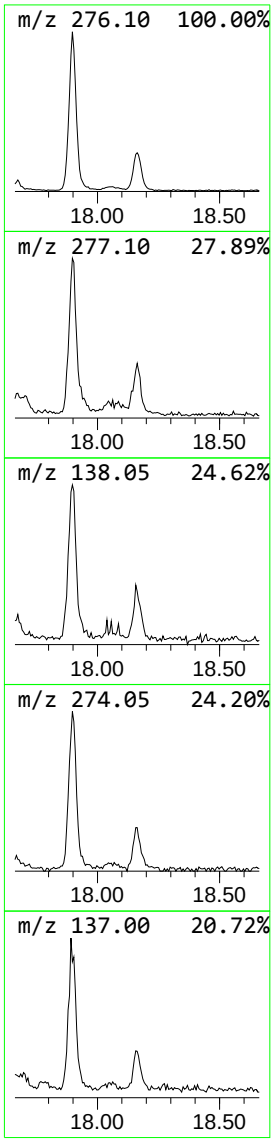
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.162	2.85 ng	128069	Perylene-d12	15.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	45
5	1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137988.D
Acq On : 21 May 2024 20:15
Operator : CG\JU
Sample : P2538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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...	2.369	48.2	ng	2108630	1	7.034	875485	20.0
unknown10.163	10.163	2.4	ng	161310	3	10.081	1339730	20.0
unknown10.980	10.980	2.4	ng	163733	4	11.575	1384730	20.0
9H-Fluorene, 1-...	11.175	2.3	ng	157689	4	11.575	1384730	20.0
Naphtho[2,1-b]t...	11.469	2.6	ng	178200	4	11.575	1384730	20.0
4H-Cyclopenta[d...	12.192	9.8	ng	678400	4	11.575	1384730	20.0
Naphthalene, 2-...	12.369	2.9	ng	203349	4	11.575	1384730	20.0
9,10-Anthracene...	12.398	2.0	ng	140073	4	11.575	1384730	20.0
Phenanthrene, 2...	12.628	4.3	ng	294661	4	11.575	1384730	20.0
9,10-Dimethylan...	12.716	2.1	ng	147931	4	11.575	1384730	20.0
Octadecanoic acid	12.869	2.2	ng	153497	4	11.575	1384730	20.0
Fluoranthene, 2...	13.233	2.6	ng	251776	5	14.227	1968140	20.0
11H-Benzo[b]flu...	13.351	3.4	ng	329460	5	14.227	1968140	20.0
Pyrene, 1-methyl-	13.416	2.6	ng	254986	5	14.227	1968140	20.0
Pyrene, 4-methyl-	13.457	2.3	ng	229224	5	14.227	1968140	20.0
11H-Benzo[a]flu...	14.069	3.4	ng	331140	5	14.227	1968140	20.0
Dibenzyl phthalate	15.039	6.6	ng	295892	6	15.792	898480	20.0
Benzo[e]pyrene	15.433	3.1	ng	137981	6	15.792	898480	20.0
Perylene	15.651	12.1	ng	542584	6	15.792	898480	20.0
Dibenzo[def,mno...	18.162	2.9	ng	128069	6	15.792	898480	20.0