LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139413.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	4	11	21	rVB	350342	523127	20.51%	2.012%
2	5.087	501	509	518	rBV	32974	48347	1.90%	0.186%
3	5.493	572	578	583	rBV	506516	638533	25.03%	2.456%
4	6.498	744	749	761	rVB	497868	648786	25.44%	2.495%
5	6.881	809	814	819	rBV	313459	397005	15.57%	1.527%
6	7.434	900	908	913	rBV	318558	405654	15.90%	1.560%
7	8.157	1024	1031	1039	rBV2	341888	546001	21.41%	2.100%
8	8.469	1078	1084	1088	rBV	23433	30879	1.21%	0.119%
9	8.869	1148	1152	1158	rVB	38213	44702	1.75%	0.172%
10	8.969	1165	1169	1174	rVB	33016	38643	1.52%	0.149%
11	9.228	1208	1213	1218	rBV	505481	635658	24.92%	2.444%
12	9.569	1266	1271	1274	rBV	30084	41269	1.62%	0.159%
13	9.775	1301	1306	1311	rBV	58395	73499	2.88%	0.283%
14	9.910	1321	1329	1332	rBV	326572	415414	16.29%	1.598%
15	9.945	1332	1335	1339	rVV	137410	164168	6.44%	0.631%
16	10.116	1359	1364	1368	rBV	92042	115854	4.54%	0.446%
17	10.457	1417	1422	1427	rVB	135991	167431	6.56%	0.644%
18	10.522	1427	1433	1435	rBV	20146	35094	1.38%	0.135%
19	10.616	1445	1449	1454	rVB2	51965	73317	2.87%	0.282%
20	10.698	1454	1463	1468	rBV	319047	419170	16.43%	1.612%
21	10.822	1478	1484	1490	rVB4	26030	39850	1.56%	0.153%
22	11.004	1508	1515	1518	rBV5	32073	61609	2.42%	0.237%
23	11.133	1532	1537	1539	rBV3	22069	36093	1.42%	0.139%
24	11.198	1544	1548	1552	rVV	96897	124658	4.89%	0.479%
25	11.245	1552	1556	1560	rVV3	28259	50274	1.97%	0.193%
26	11.292	1560	1564	1569	rVB	77642	100221	3.93%	0.385%
27	11.427	1577	1587	1591	rBV2	1381366	2214013	86.80%	8.514%
28	11.475	1591	1595	1598	rVV	309375	399559	15.67%	1.537%
29	11.504	1598	1600	1605	rVB2	34894	38696	1.52%	0.149%
30	11.627	1614	1621	1628	rBV2	188572	287979	11.29%	1.107%
31	11.692	1628	1632	1635	rVV3	26072	39325	1.54%	0.151%
32	11.727	1635	1638	1642	rVB4	31973	43063	1.69%	0.166%
33	11.898	1661	1667	1669	rBV	150828	216508	8.49%	0.833%
34	11.922	1669	1671	1676	rVB	230553	285093	11.18%	1.096%
35	11.974	1676	1680	1682	rBV2	65349	80567	3.16%	0.310%
36	12.010	1682	1686	1693	rVB2	263010	446853	17.52%	1.718%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.080	1693	1698	1699	rBV3	27158	37231	1.46%	0.143%
38	12.192	1713	1717	1719	rBV	111125	145332	5.70%	0.559%
39	12.216	1719	1721	1727	rVB	149145	167566	6.57%	0.644%
40	12.339	1737	1742	1745	rBV3	41622	64090	2.51%	0.246%
41	12.369	1745	1747	1750	rVV	31447	42136	1.65%	0.162%
42	12.445	1755	1760	1764	rBV2	88980	143402	5.62%	0.551%
43	12.486	1764	1767	1772	rVV3	52995	99893	3.92%	0.384%
44	12.533	1772	1775	1780	rVB	116652	154730	6.07%	0.595%
45	12.616	1783	1789	1794	rBV	1897095	2550600	100.00%	9.809%
46	12.669	1794	1798	1801	rVV3	34056	49959	1.96%	0.192%
47	12.704	1801	1804	1807	rVB	29308	30181	1.18%	0.116%
48	12.757	1807	1813	1821	rBV3	58802	135862	5.33%	0.522%
49	12.845	1821	1828	1832	rBV	1524304	2408722	94.44%	9.263%
50	12.886	1832	1835	1841	rVB2	82632	115633	4.53%	0.445%
51	12.980	1842	1851	1858	rBV3	522498	874874	34.30%	3.364%
52	13.057	1858	1864	1867	rBV2	120099	230484	9.04%	0.886%
53	13.163	1874	1882	1886	rVB2	167520	329963	12.94%	1.269%
54	13.233	1890	1894	1896	rVV	81878	107421	4.21%	0.413%
55	13.269	1896	1900	1903	rVV2	145415	221015	8.67%	0.850%
56	13.327	1907	1910	1912	rVV	28423	34868	1.37%	0.134%
57	13.363	1912	1916	1918	rVV	56144	72379	2.84%	0.278%
58	13.392	1918	1921	1928	rVV2	66851	99990	3.92%	0.385%
59	13.457	1928	1932	1939	rVB5	58108	102474	4.02%	0.394%
60	13.563	1943	1950	1957	rBV9	43948	153835	6.03%	0.592%
61	13.668	1964	1968	1973	rVB	159203	206125	8.08%	0.793%
62	13.780	1982	1987	1990	rBV3	152784	242839	9.52%	0.934%
63	13.810	1990	1992	1995	rVV	117289	173656	6.81%	0.668%
64	13.839	1995	1997	2000	rVV2	115301	167241	6.56%	0.643%
65	13.880	2000	2004	2010	rVB	202958	296245	11.61%	1.139%
66	14.027	2022	2029	2033	rBV2	844873	1577436	61.85%	6.066%
67	14.063	2033	2035	2041	rVB	618185	717356	28.12%	2.759%
68	14.139	2045	2048	2052	rVV	74647	87906	3.45%	0.338%
69	14.257	2065	2068	2072	rVB2	56122	67895	2.66%	0.261%
70	14.415	2092	2095	2099	rVV	83886	101050	3.96%	0.389%
71	14.451	2099	2101	2105	rVB2	54250	60448	2.37%	0.232%
72	14.504	2107	2110	2114	rVV2	50625	81423	3.19%	0.313%
73	14.545	2114	2117	2124	rVB4	53909	107626	4.22%	0.414%
74	14.721	2144	2147	2151	rBV	43085	70886	2.78%	0.273%
75	14.810	2159	2162	2165	rBV2	28064	38162	1.50%	0.147%
76	14.904	2174	2178	2188	rVB3	38247	86904	3.41%	0.334%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.080	2202	2208	2216	rBV	507960	1174811	46.06%	4.518%
78	15.151	2217	2220	2222	rVV	47063	63211	2.48%	0.243%
79	15.186	2222	2226	2232	rVB	87608	125546	4.92%	0.483%
80	15.286	2237	2243	2248	rBV2	33235	98481	3.86%	0.379%
81	15.380	2254	2259	2265	rVB	243523	400248	15.69%	1.539%
82	15.445	2265	2270	2276	rVB	360030	532429	20.87%	2.048%
83	15.504	2276	2280	2283	rBV	131050	211155	8.28%	0.812%
84	15.539	2283	2286	2293	rVB2	119537	185885	7.29%	0.715%
85	16.980	2524	2531	2539	rVB2	162944	364145	14.28%	1.400%
86	17.156	2556	2561	2566	rBV	33039	64947	2.55%	0.250%
87	17.427	2600	2607	2621	rVB	125251	316028	12.39%	1.215%
88	17.656	2642	2646	2657	rVB2	35754	84046	3.30%	0.323%

Sum of corrected areas: 26003682

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
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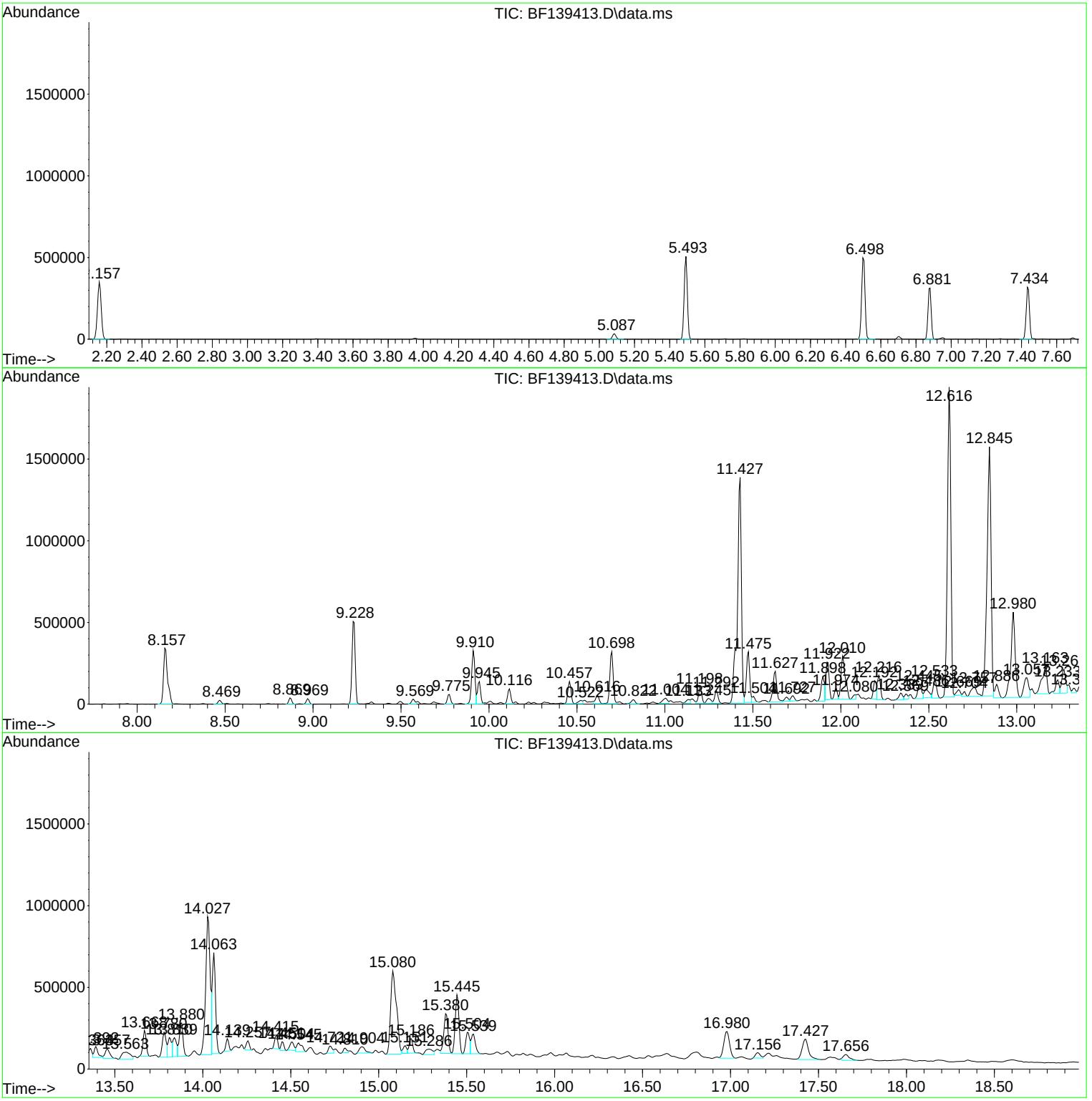
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

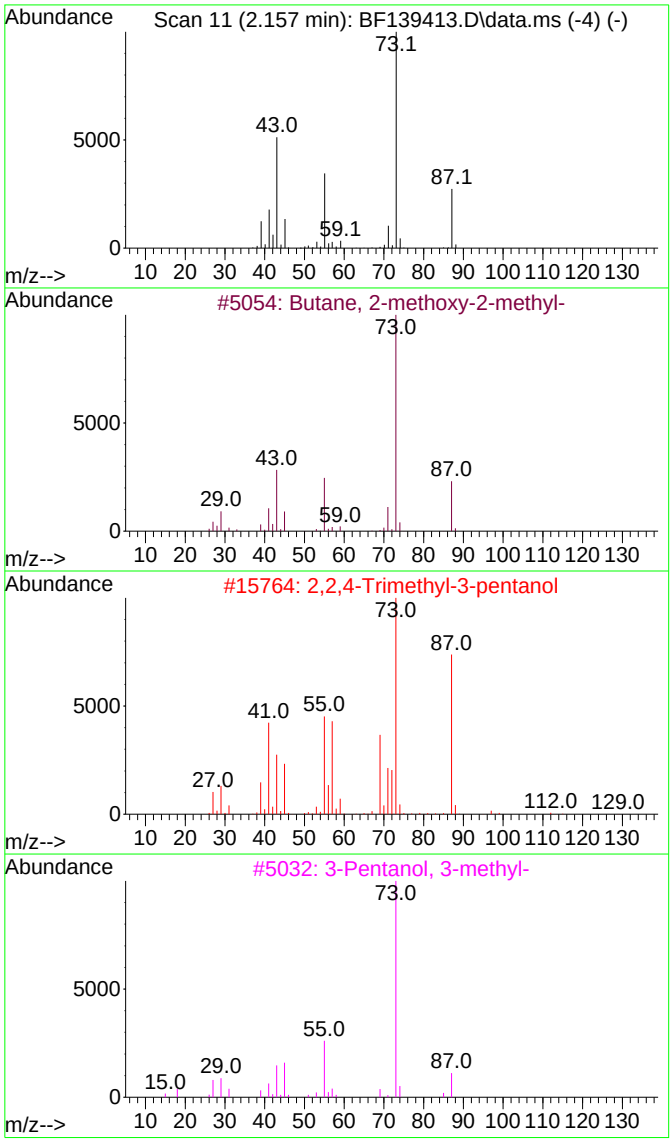
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

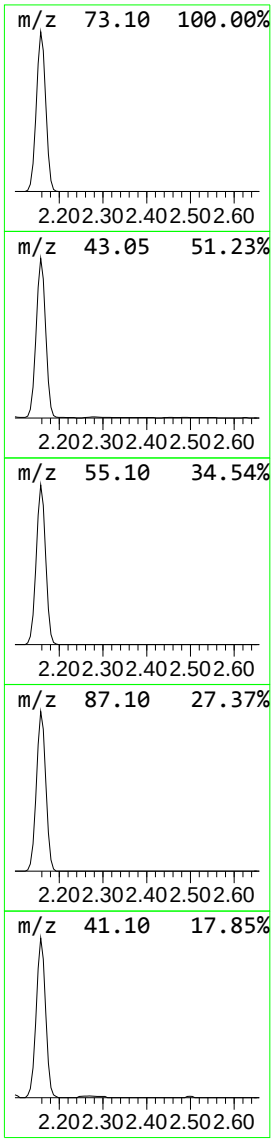
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	26.35 ng	523127	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	2-OXOPROPIONAMIDE	87	C3H5NO2	000631-66-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

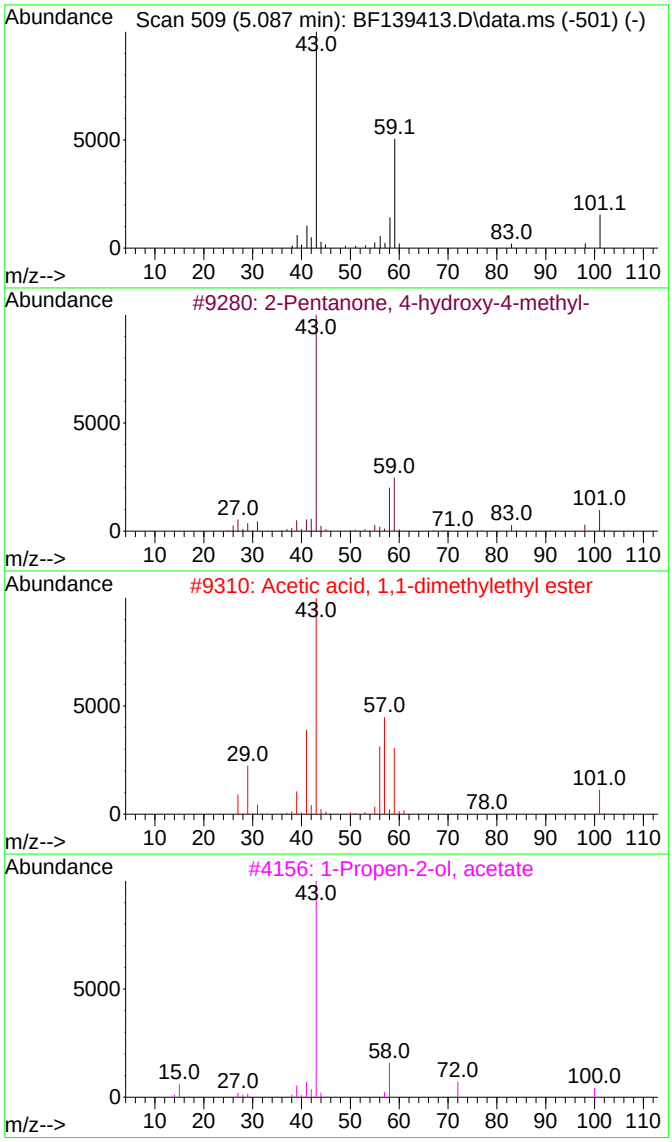
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

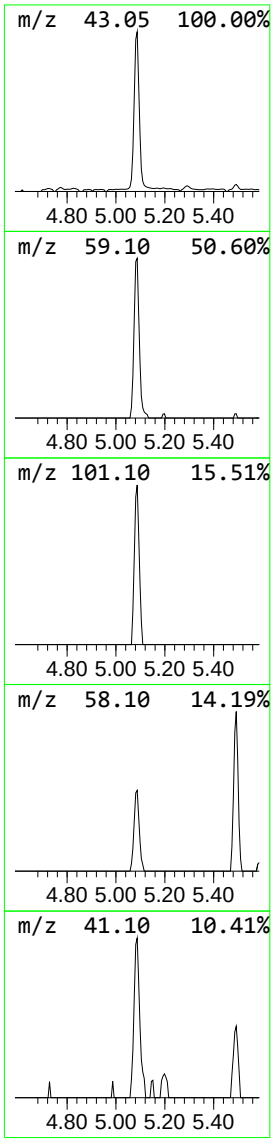
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	2.44 ng	48347	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Acetamide, N-(cyanomethyl)-	98	C4H6N2O	004814-80-6	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

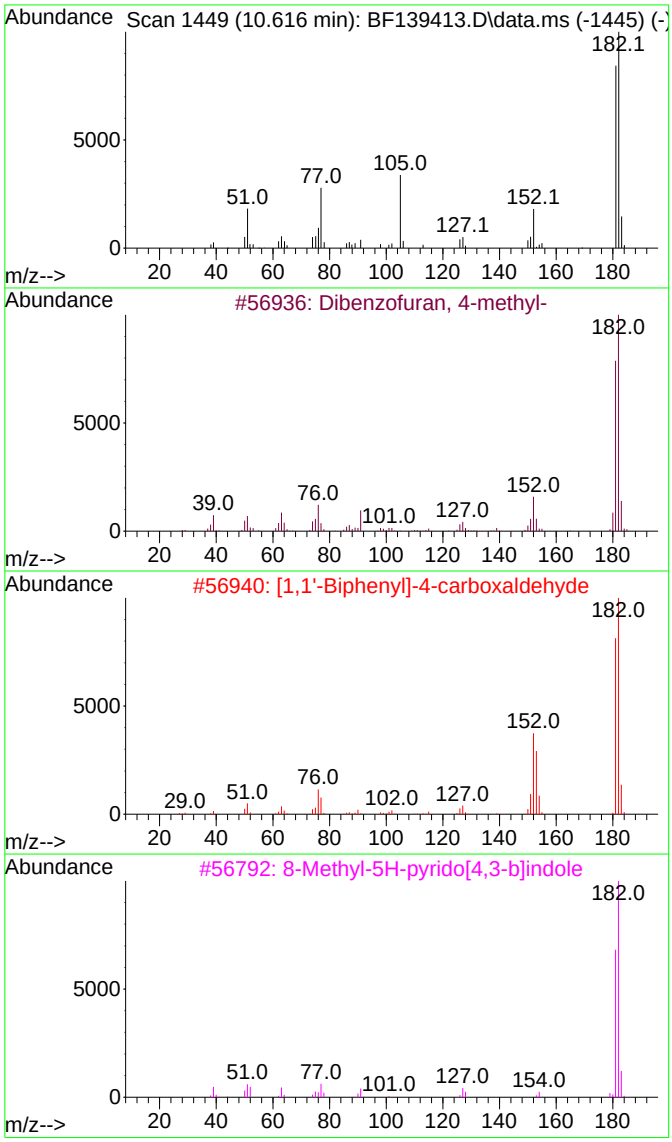
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

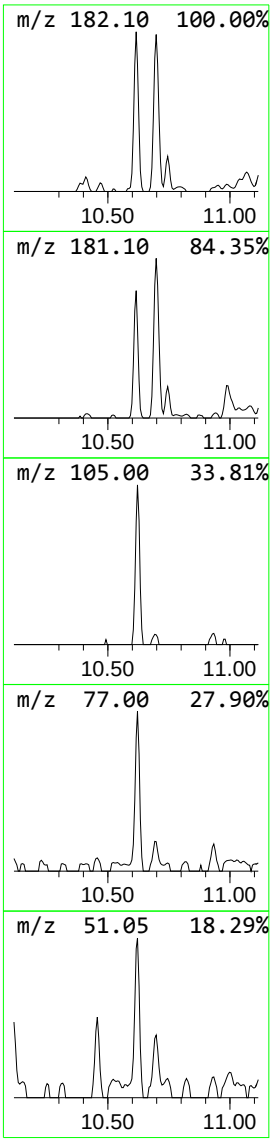
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	3.53 ng	73317	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
3	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	64
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	64
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

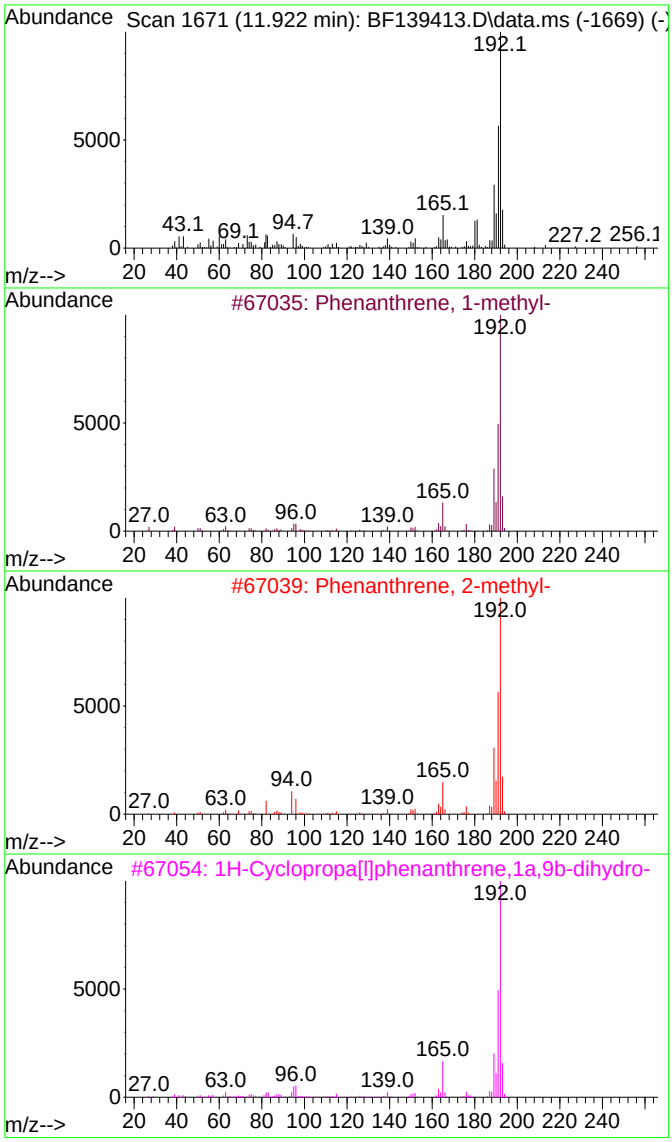
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

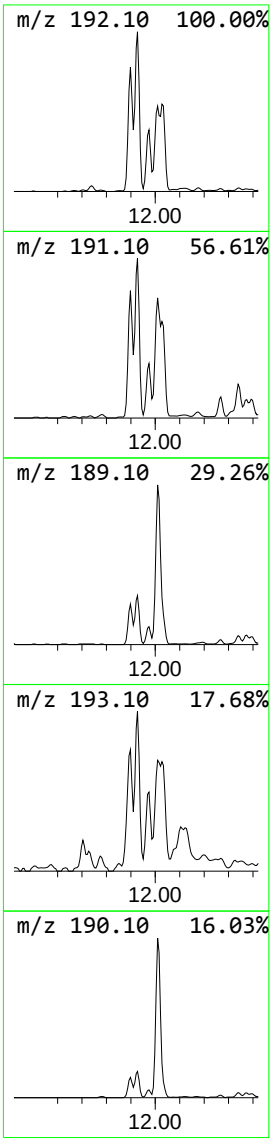
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.58 ng	285093	Phenanthrene-d10	11.398

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

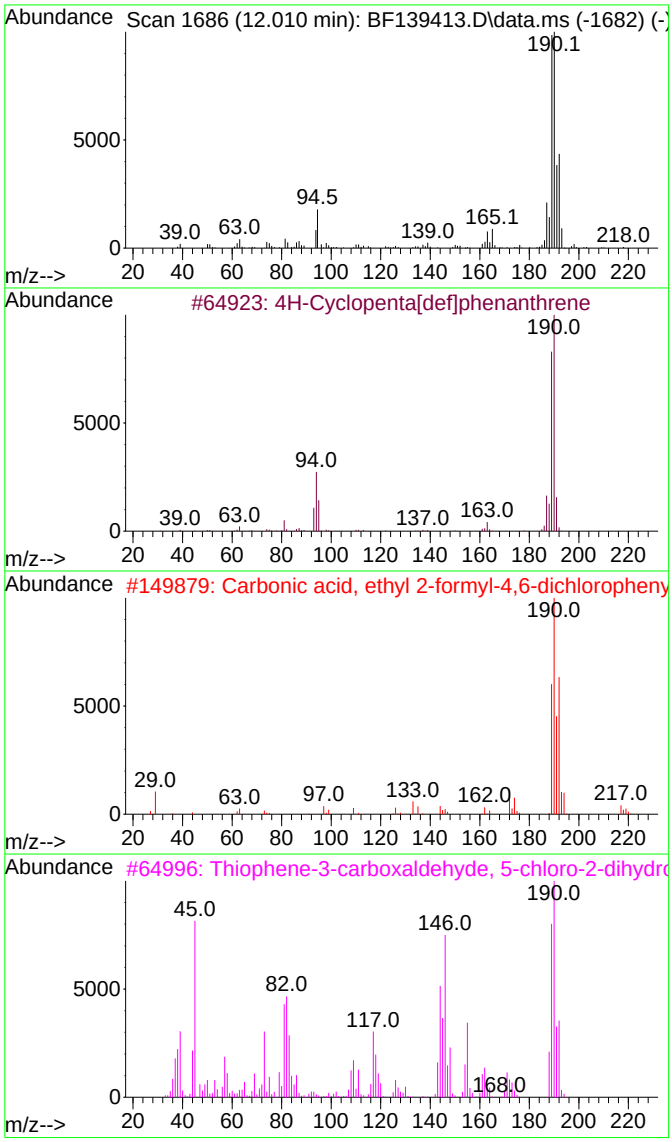
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

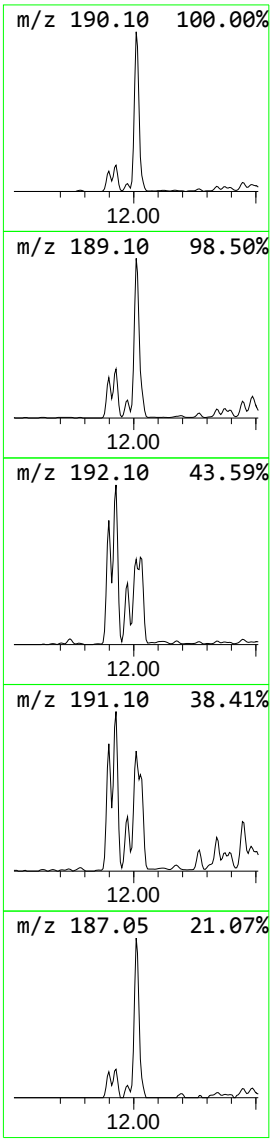
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	4.04 ng	446853	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

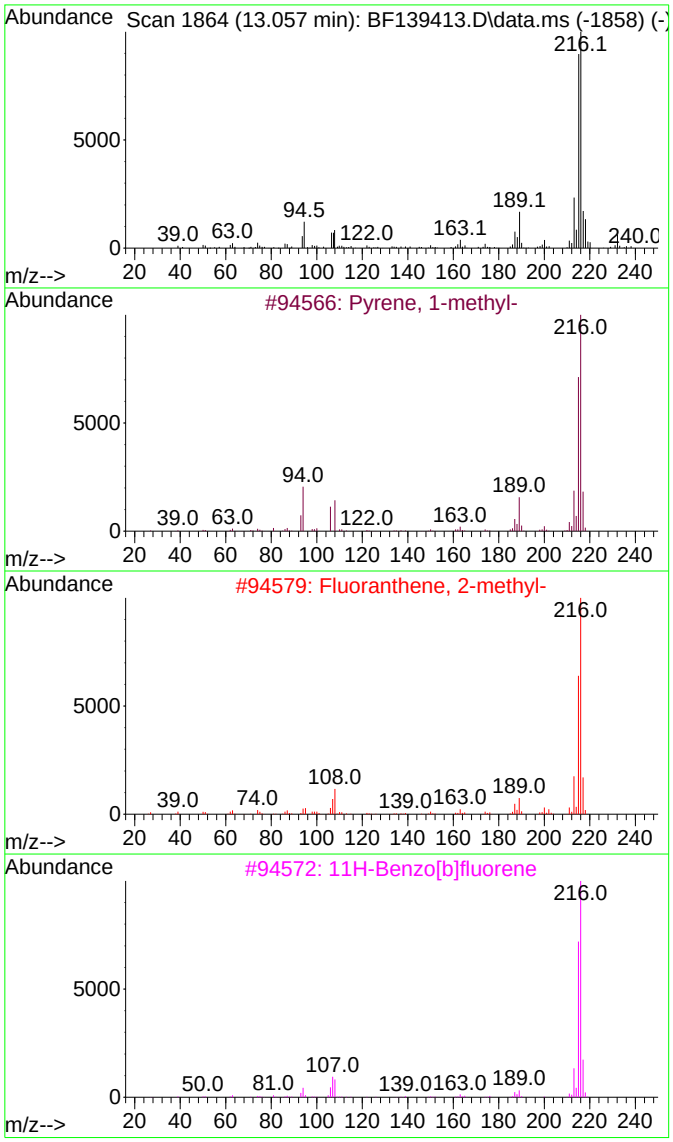
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

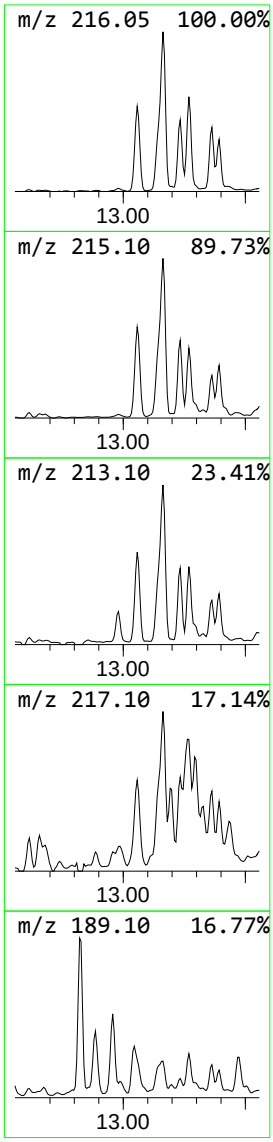
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	2.92 ng	230484	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Acq On : 17 Sep 2024 20:26
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Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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WC-A-COMP

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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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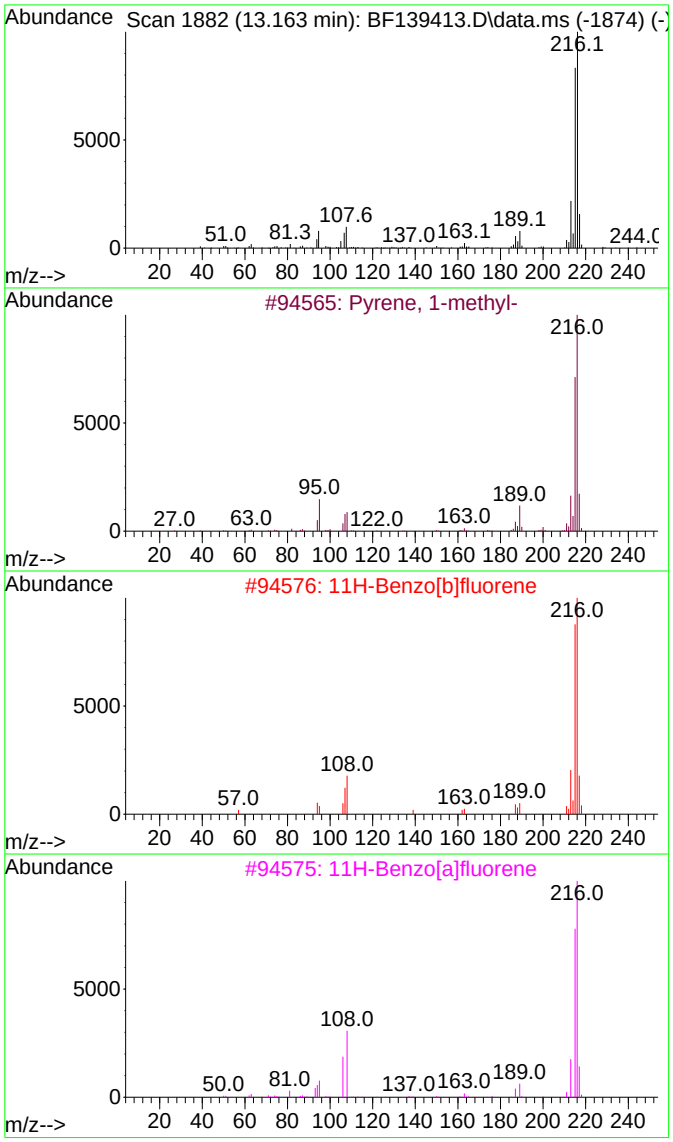
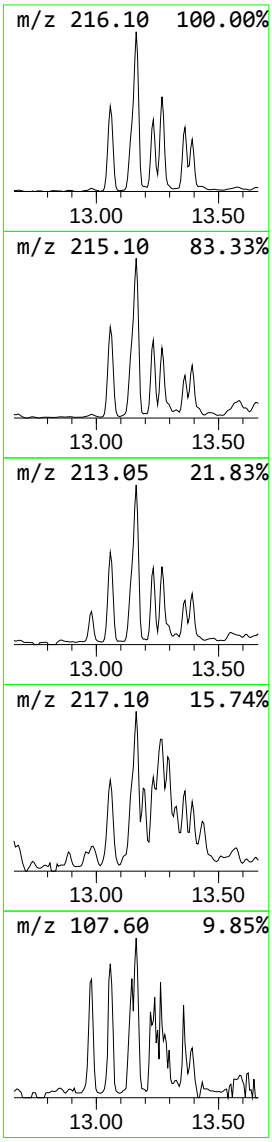
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	4.18 ng	329963	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
WC-A-COMP

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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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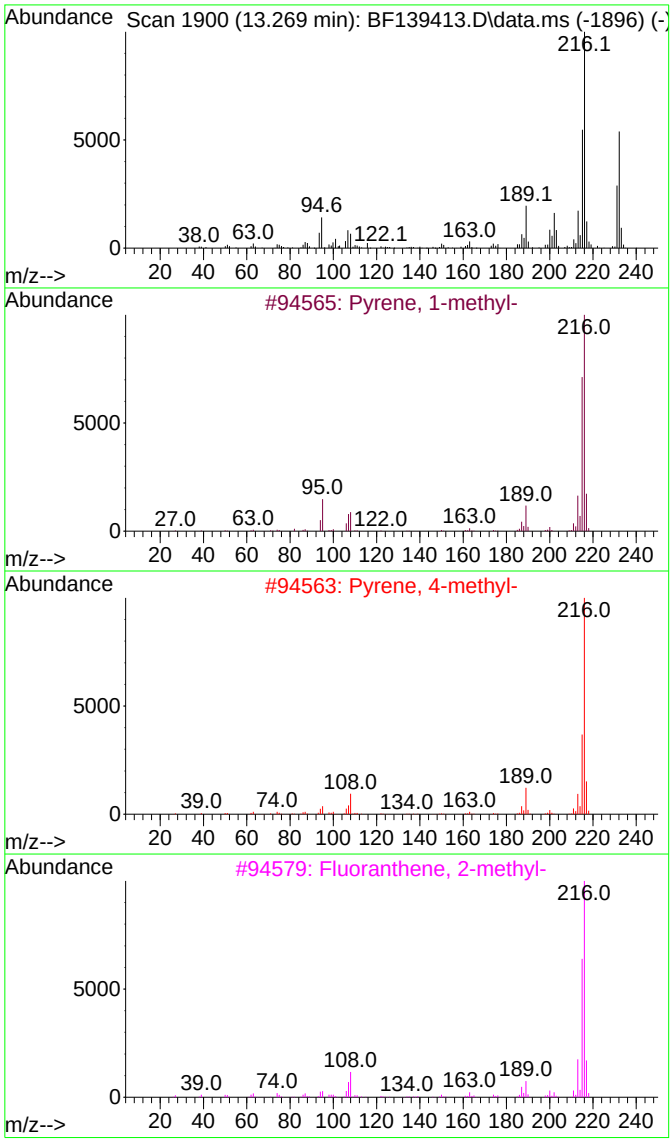
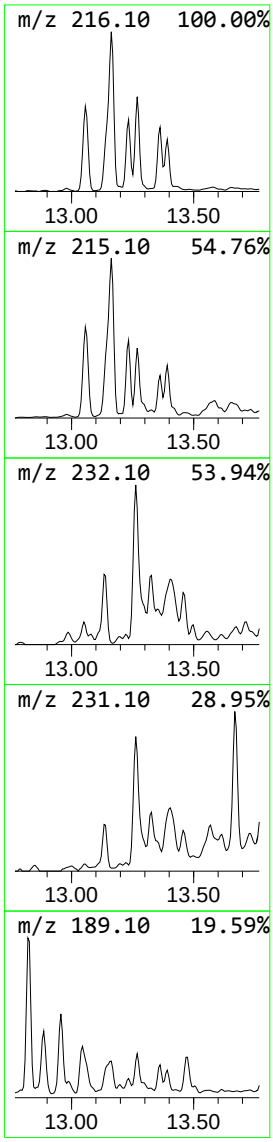
Peak Number 8 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	2.80 ng	221015	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	55
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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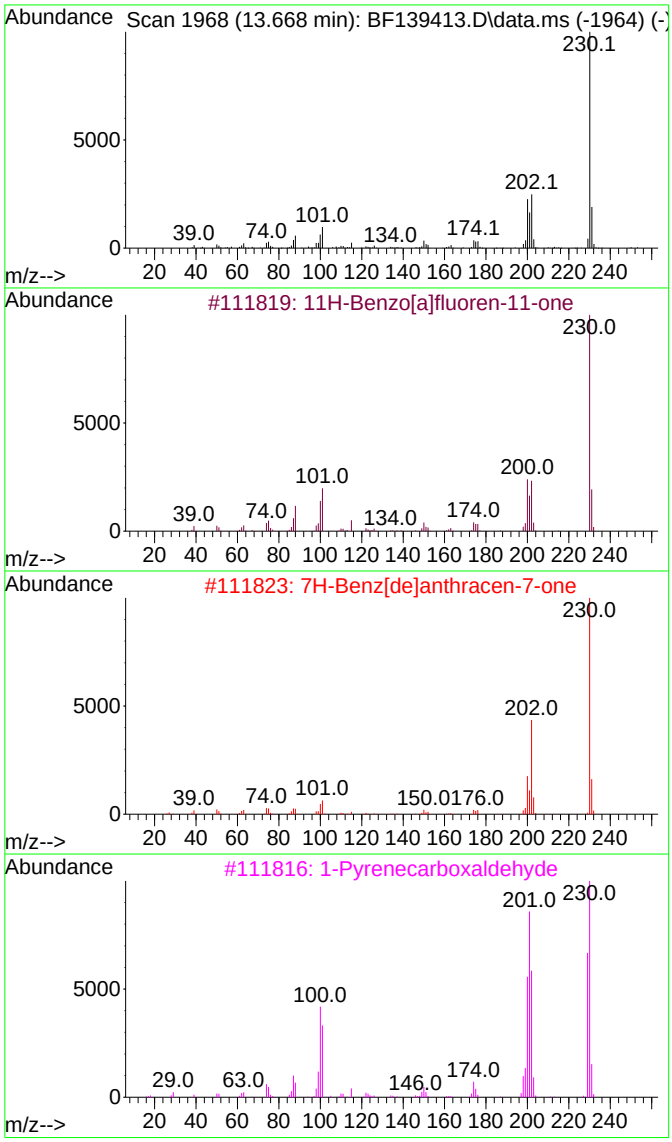
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

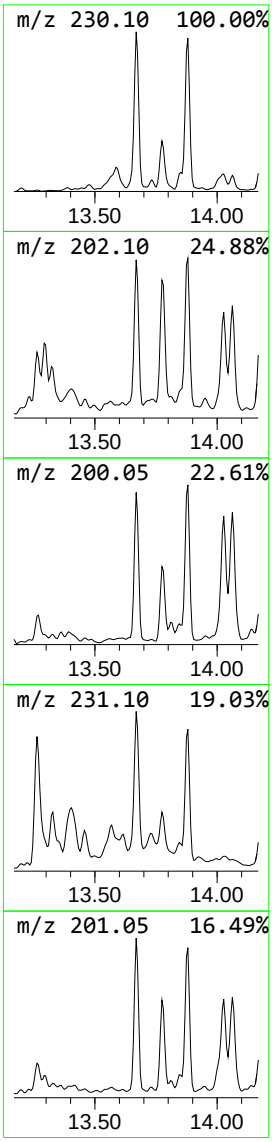
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	2.61 ng	206125	Chrysene-d12	14.039

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	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	o-Terphenyl	230	C18H14	000084-15-1	59





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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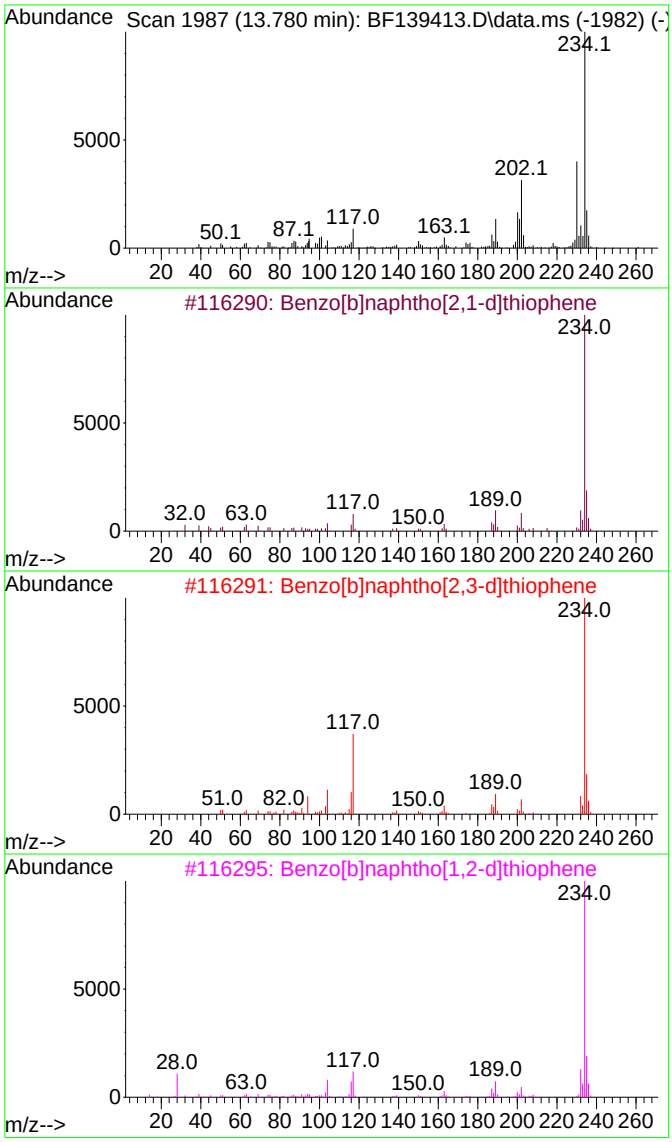
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

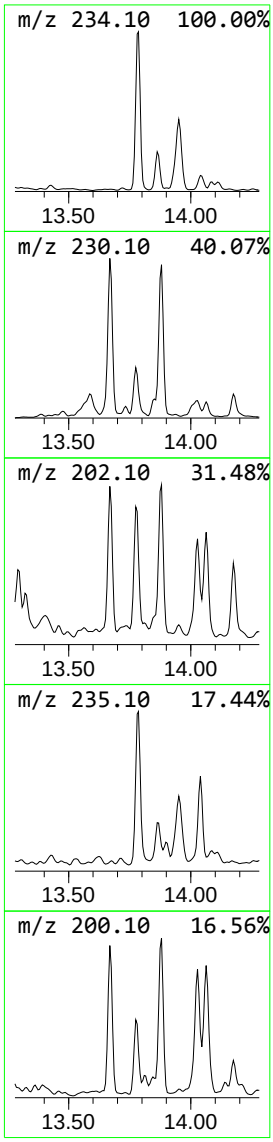
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	3.08 ng	242839	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	53
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	46
5	Ethyl 4-nitroindole-2-carboxylate	234	C11H10N2O4	004993-93-5	38





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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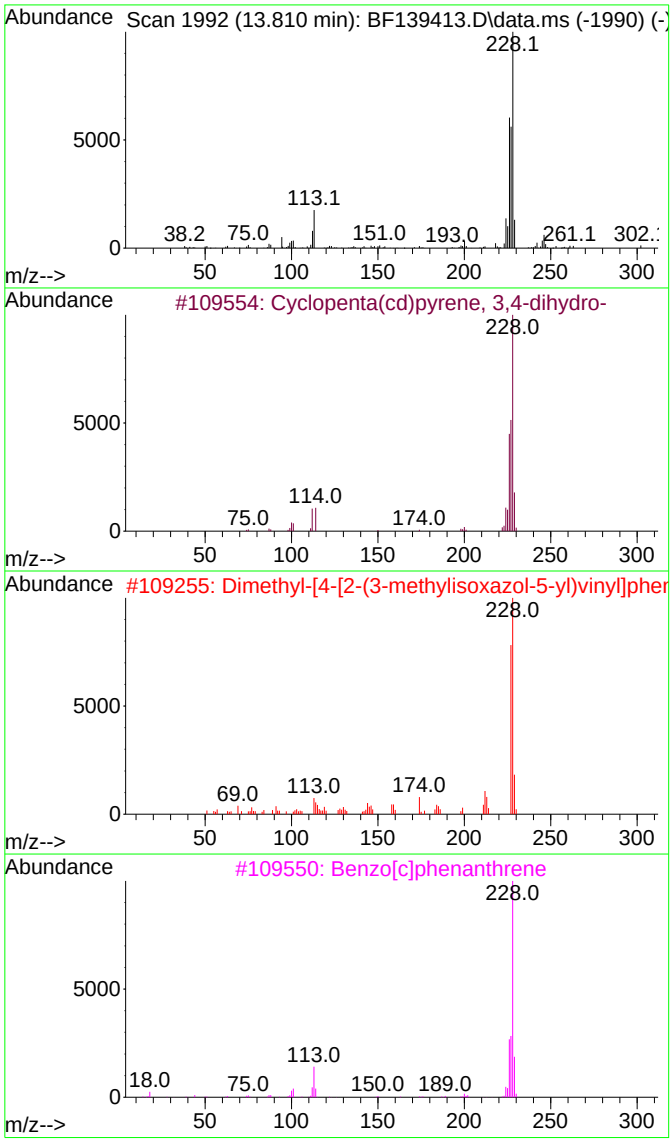
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

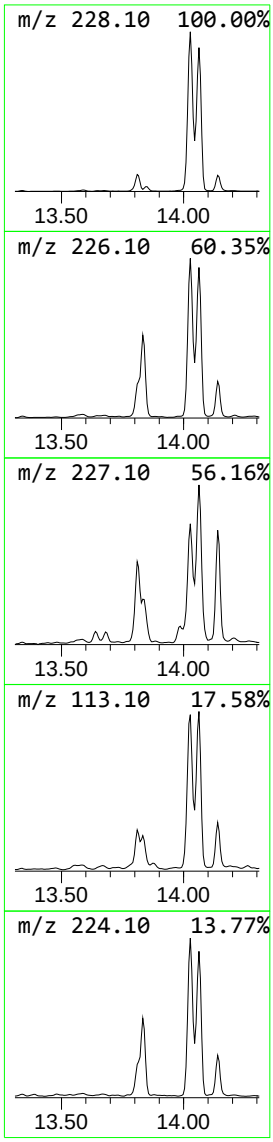
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	2.20 ng	173656	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
4	Benz[a]anthracene	228	C18H12	000056-55-3	43
5	Chrysene	228	C18H12	000218-01-9	38





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Sample : P3984-01 2X
Misc :
ALS Vial : 22 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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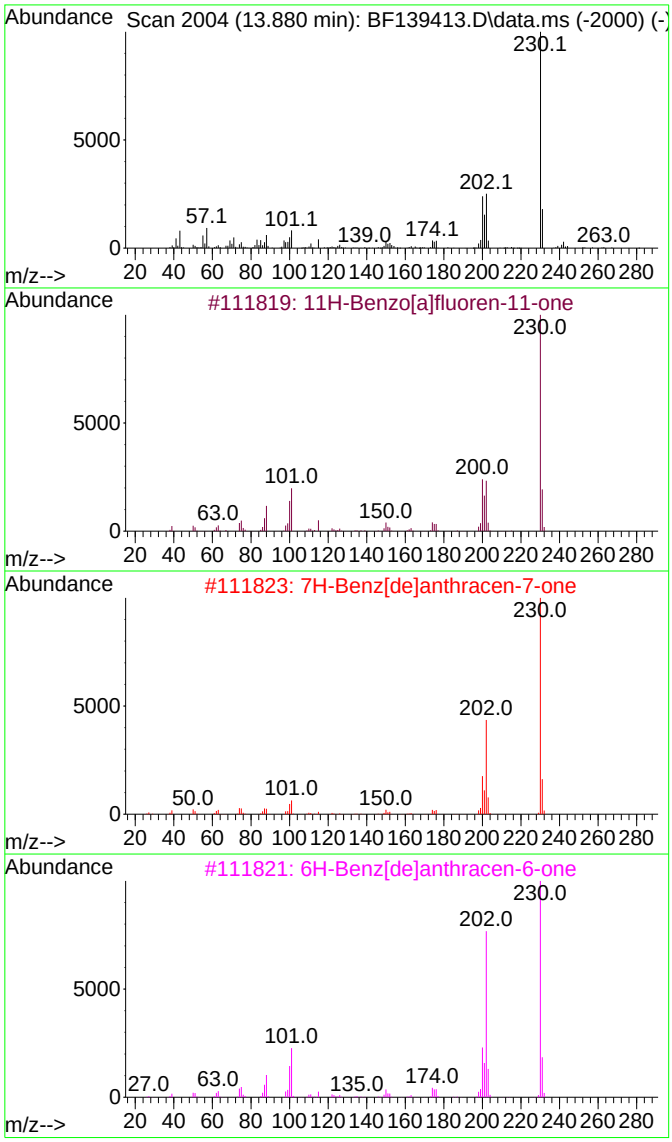
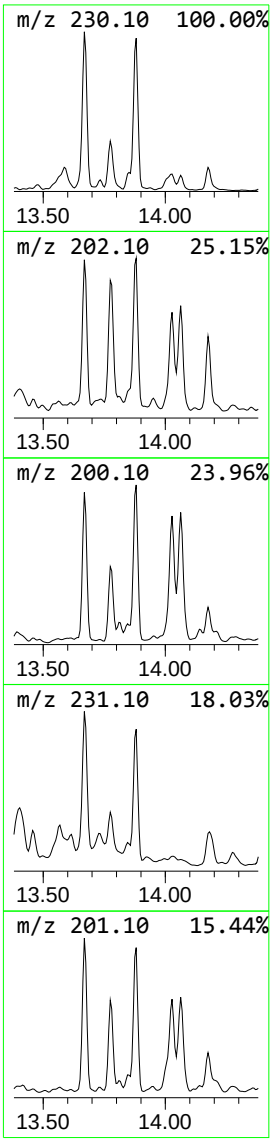
Peak Number 12 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.76 ng	296245	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
5	o-Terphenyl	230	C18H14	000084-15-1	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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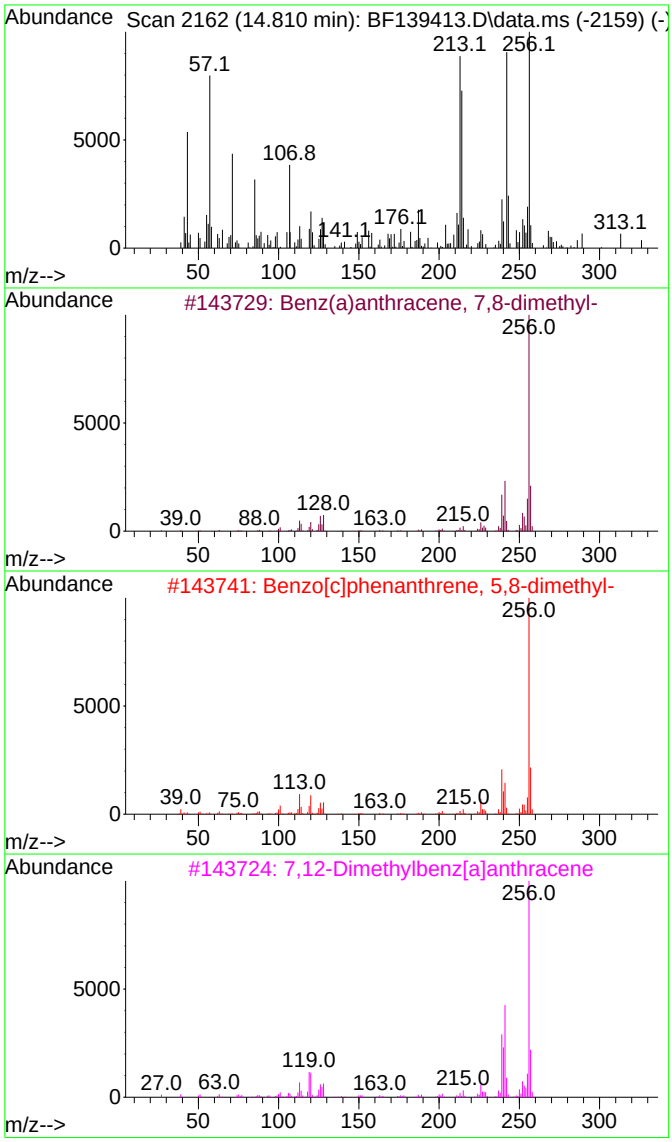
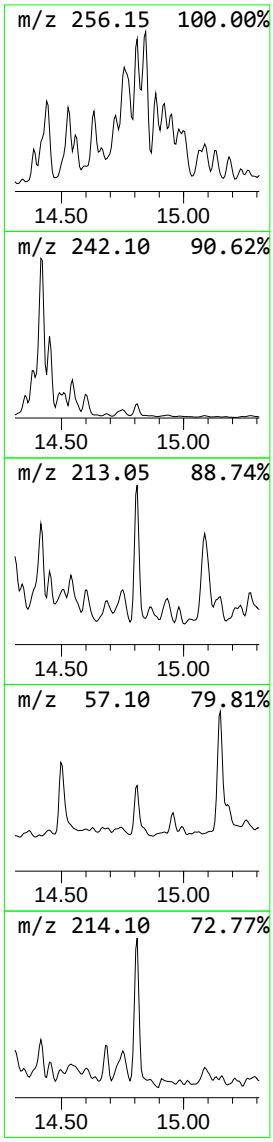
Peak Number 13 unknown14.810 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	3.61 ng	38162	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	48
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	47
3	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	41
4	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	35
5	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	35





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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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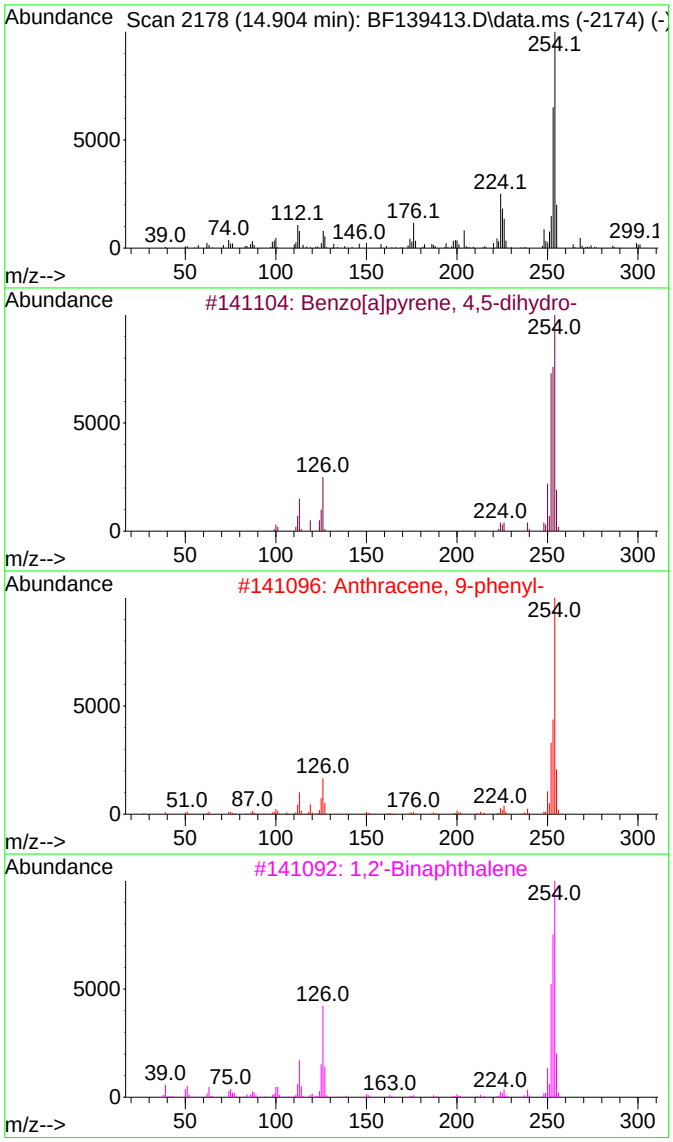
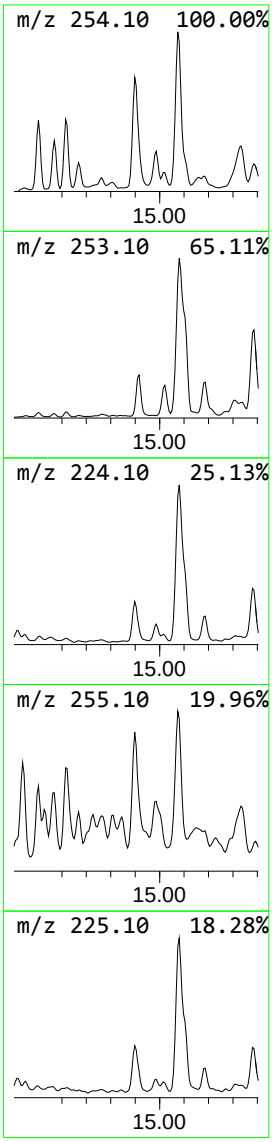
Peak Number 14 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.904	8.23 ng	86904	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	72
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	72
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	64
4	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	64
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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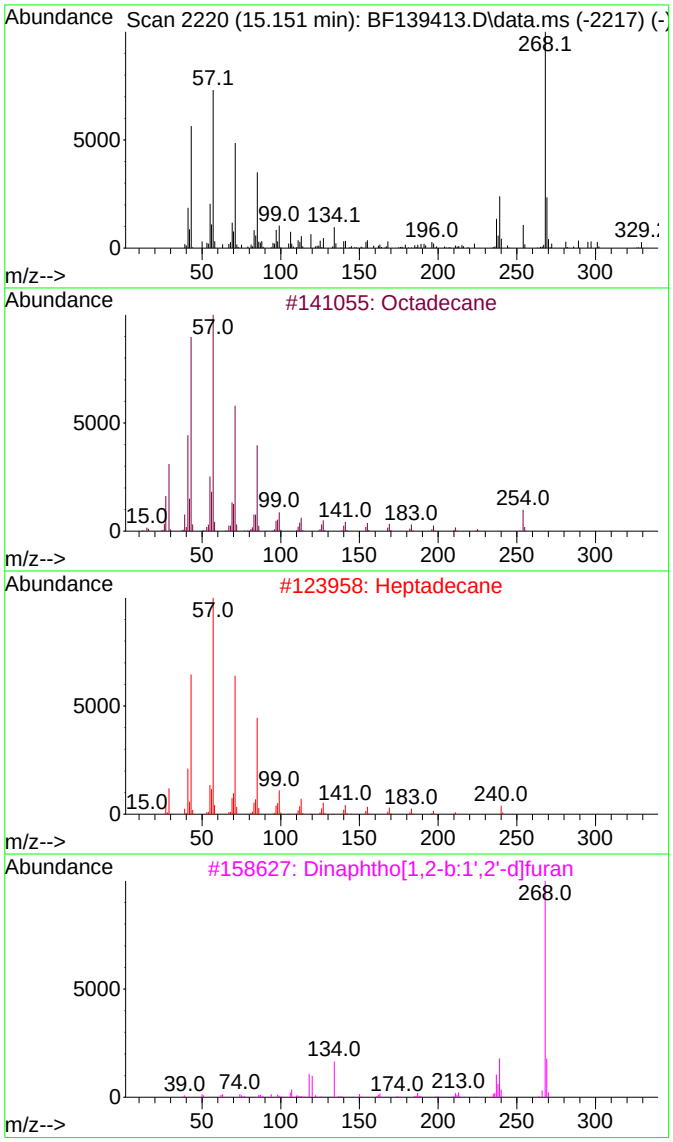
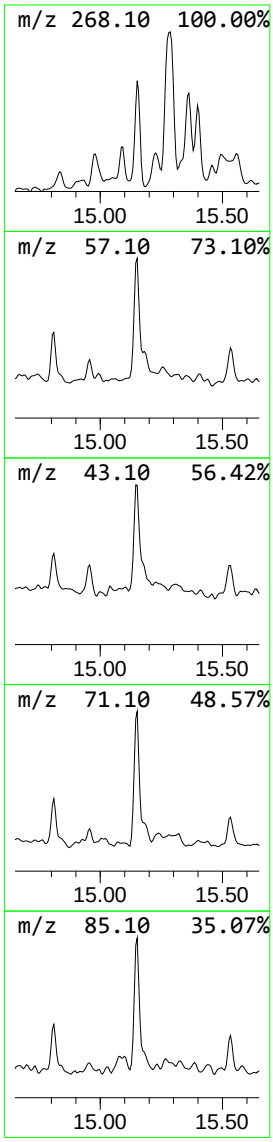
Peak Number 15 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	5.99 ng	63211	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heptadecane	240	C17H36	000629-78-7	68
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	58
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	43
5	Octacosane	394	C28H58	000630-02-4	25





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ALS Vial : 22 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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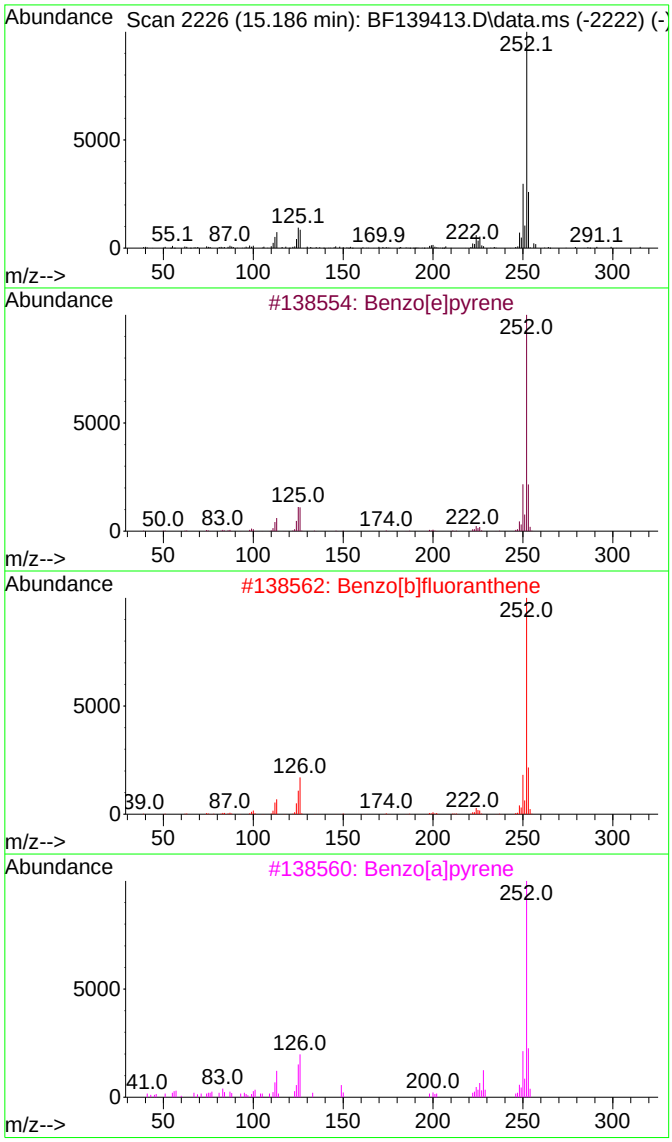
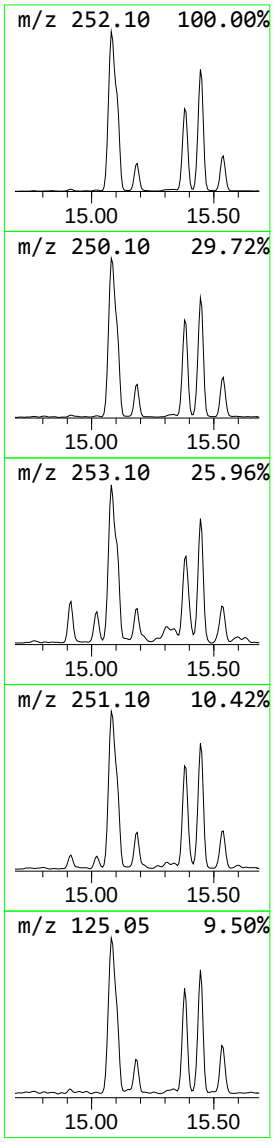
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	11.89 ng	125546	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	87
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Perylene	252	C20H12	000198-55-0	76





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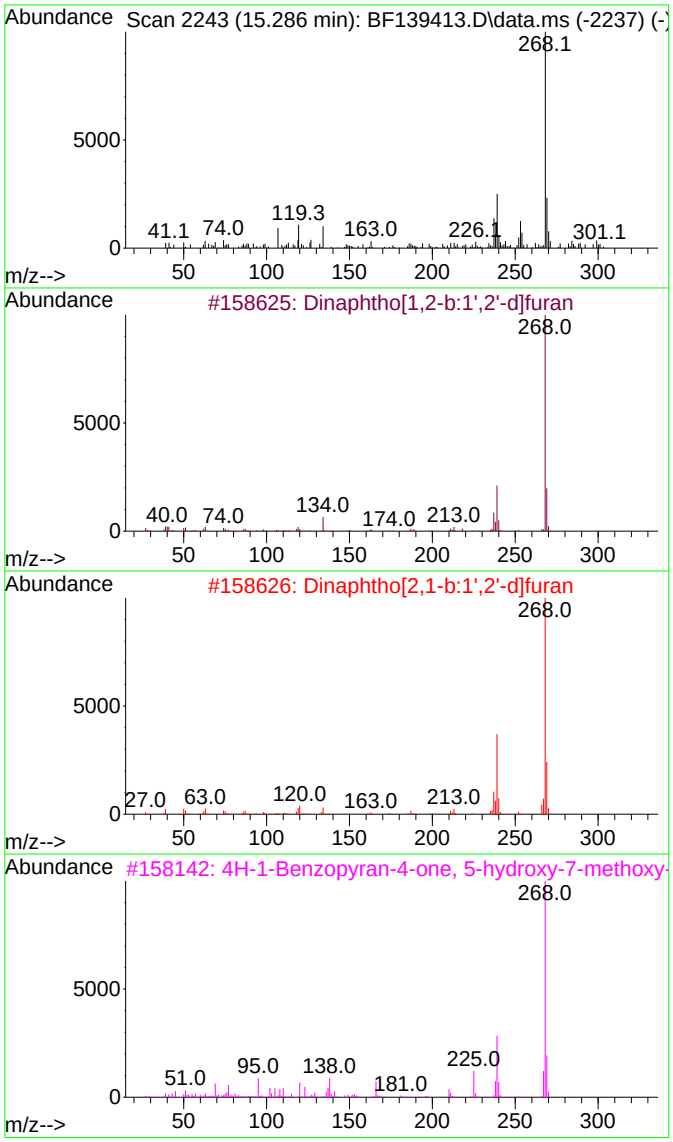
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

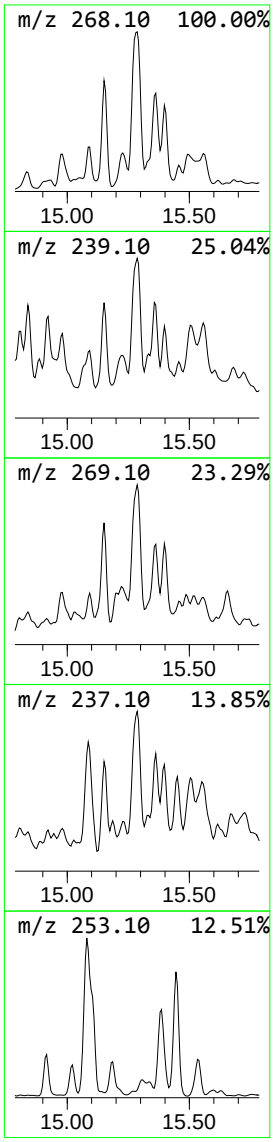
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	9.33 ng	98481	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	91
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	87
3	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	64
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	62
5	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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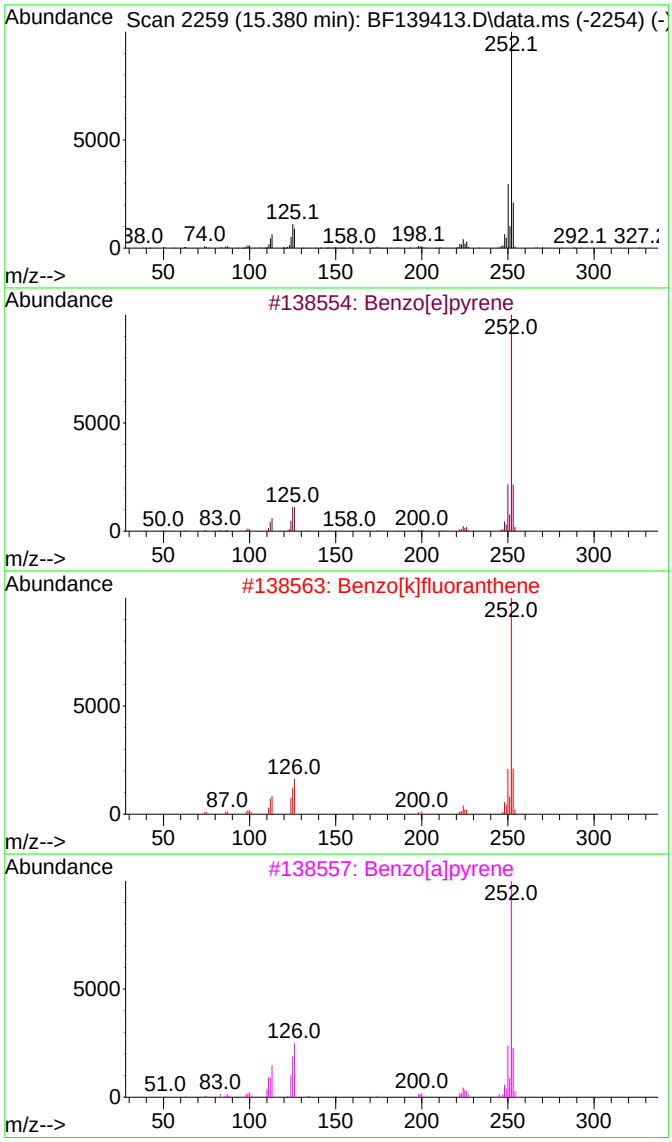
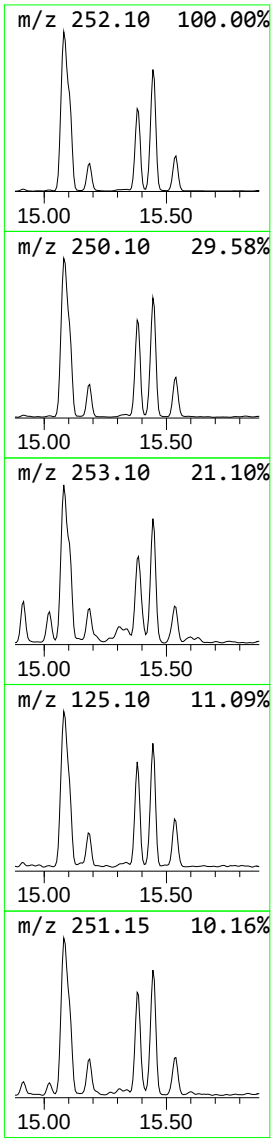
Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	37.91 ng	400248	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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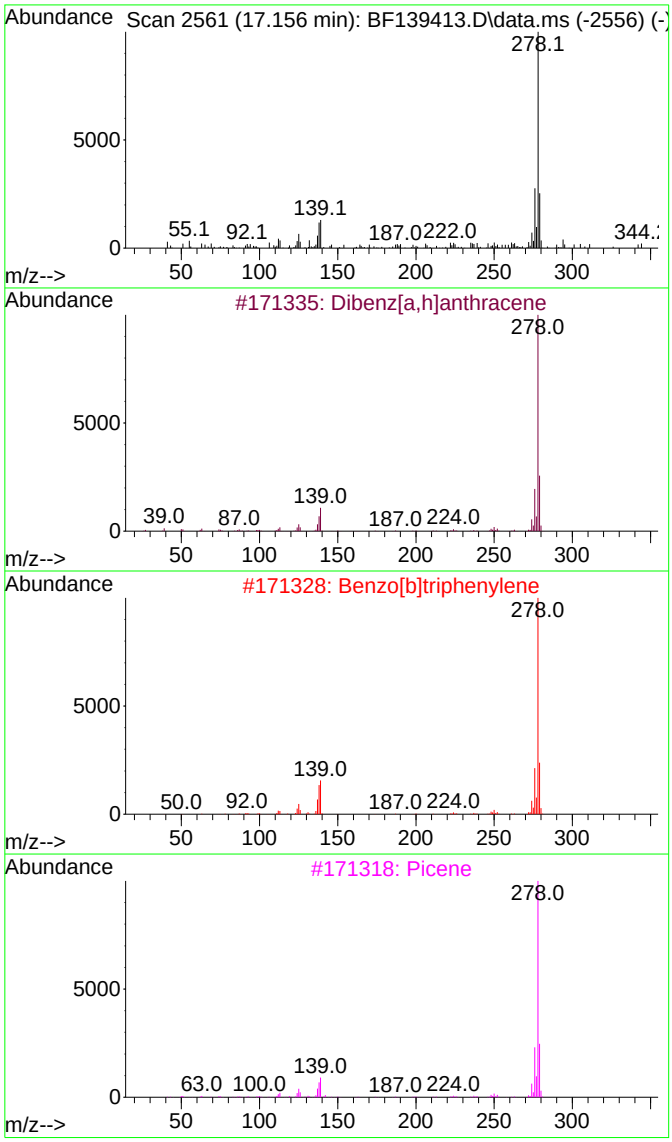
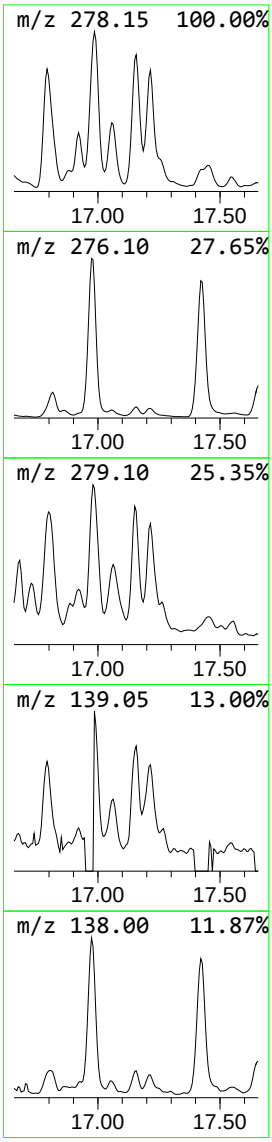
Peak Number 19 Benzo[b]triphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.157	6.15 ng	64947	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
3	Picene	278	C22H14	000213-46-7	97
4	Pentaphene	278	C22H14	000222-93-5	95
5	Benzo[b]chrysene	278	C22H14	000214-17-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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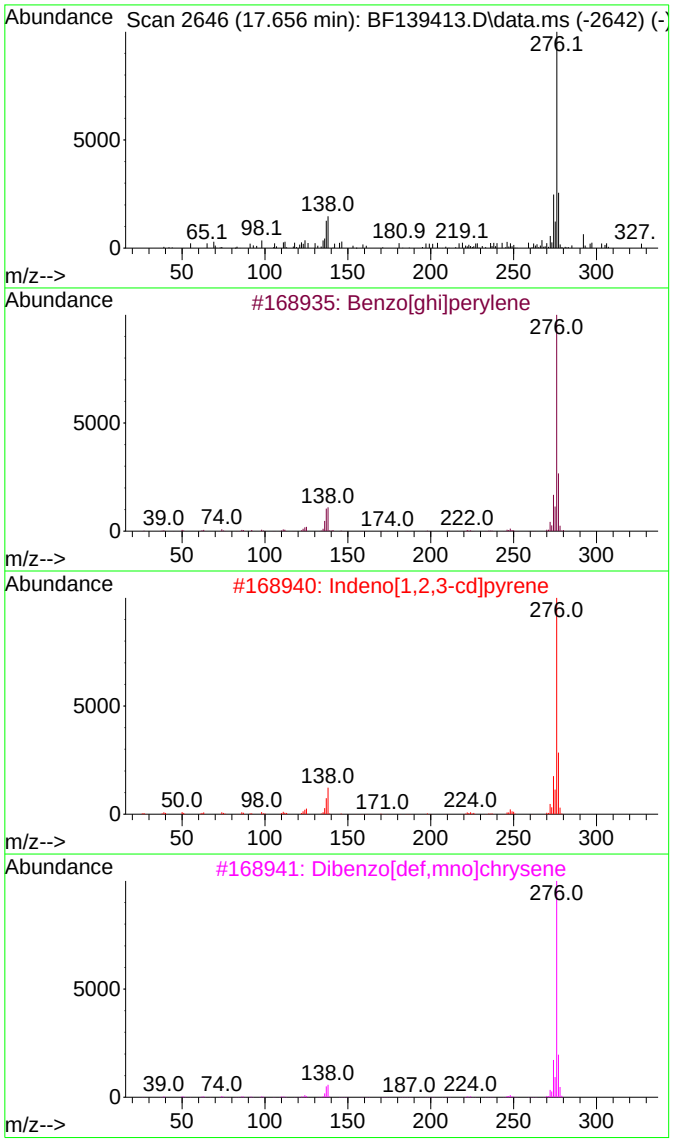
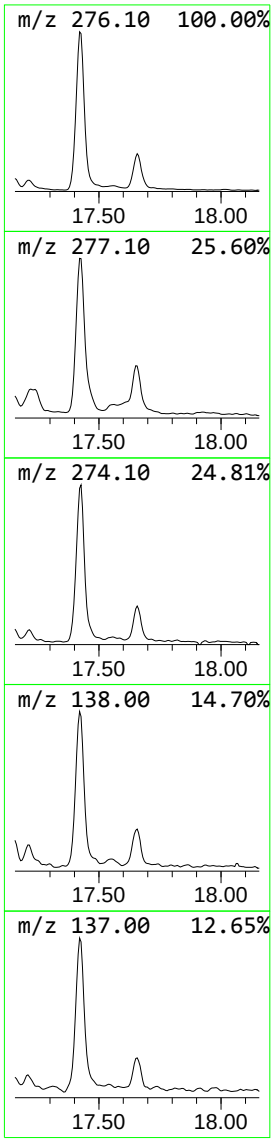
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.657	7.96 ng	84046	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	90
4	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	53
5	Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139413.D
Acq On : 17 Sep 2024 20:26
Operator : RC/JU
Sample : P3984-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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...	2.157	26.4	ng	523127	1	6.881	397005	20.0
2-Pentanone, 4-...	5.087	2.4	ng	48347	1	6.881	397005	20.0
Dibenzofuran, 4...	10.616	3.5	ng	73317	3	9.910	415414	20.0
Phenanthrene, 1...	11.922	2.6	ng	285093	4	11.398	2214010	20.0
4H-Cyclopenta[d...	12.010	4.0	ng	446853	4	11.398	2214010	20.0
Pyrene, 1-methyl-	13.057	2.9	ng	230484	5	14.039	1577440	20.0
11H-Benzo[b]flu...	13.163	4.2	ng	329963	5	14.039	1577440	20.0
Pyrene, 4-methyl-	13.269	2.8	ng	221015	5	14.039	1577440	20.0
11H-Benzo[a]flu...	13.669	2.6	ng	206125	5	14.039	1577440	20.0
Benzo[b]naphtho...	13.780	3.1	ng	242839	5	14.039	1577440	20.0
Cyclopenta(cd)p...	13.810	2.2	ng	173656	5	14.039	1577440	20.0
7H-Benz[de]anth...	13.880	3.8	ng	296245	5	14.039	1577440	20.0
unknown14.810	14.810	3.6	ng	38162	6	15.504	211155	20.0
Benzo[a]pyrene,...	14.904	8.2	ng	86904	6	15.504	211155	20.0
Octadecane	15.151	6.0	ng	63211	6	15.504	211155	20.0
Benzo[e]pyrene	15.186	11.9	ng	125546	6	15.504	211155	20.0
Dinaphtho[1,2-b...	15.286	9.3	ng	98481	6	15.504	211155	20.0
Perylene	15.380	37.9	ng	400248	6	15.504	211155	20.0
Benzo[b]triphen...	17.157	6.2	ng	64947	6	15.504	211155	20.0
Dibenzo[def,mno...	17.657	8.0	ng	84046	6	15.504	211155	20.0