LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139447.D
Acq On : 19 Sep 2024 01:29
Operator : RC/JU
Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-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: BF139447.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	6	14	21	rVB	687455	1044791	33.85%	3.010%
2	5.093	502	510	518	rBV	69560	108276	3.51%	0.312%
3	5.498	573	579	584	rBV	1014381	1319791	42.75%	3.802%
4	6.504	744	750	762	rVB	999234	1329274	43.06%	3.829%
5	6.704	779	784	789	rBV	40656	54440	1.76%	0.157%
6	6.881	809	814	818	rBV	309465	385805	12.50%	1.111%
7	7.440	899	909	914	rBV	659214	835842	27.08%	2.408%
8	8.157	1026	1031	1040	rBV2	341644	600677	19.46%	1.730%
9	8.469	1079	1084	1089	rBV	52705	67778	2.20%	0.195%
10	8.869	1148	1152	1158	rVB	50685	60259	1.95%	0.174%
11	8.969	1165	1169	1174	rBV	37654	44416	1.44%	0.128%
12	9.234	1209	1214	1219	rBV	1082892	1304685	42.27%	3.758%
13	9.569	1266	1271	1274	rBV	29426	39617	1.28%	0.114%
14	9.775	1301	1306	1312	rVB	62226	79052	2.56%	0.228%
15	9.910	1322	1329	1332	rBV	321880	411637	13.34%	1.186%
16	9.945	1332	1335	1339	rVV	214710	252941	8.19%	0.729%
17	10.004	1339	1345	1351	rVB3	47266	82194	2.66%	0.237%
18	10.116	1359	1364	1368	rBV	115195	145061	4.70%	0.418%
19	10.457	1417	1422	1427	rBV	168818	207152	6.71%	0.597%
20	10.522	1427	1433	1435	rBV	22362	40068	1.30%	0.115%
21	10.616	1443	1449	1455	rVB3	74000	118473	3.84%	0.341%
22	10.698	1457	1463	1468	rBV	588684	750552	24.31%	2.162%
23	10.822	1478	1484	1490	rVB3	30689	45872	1.49%	0.132%
24	11.004	1508	1515	1518	rBV4	33669	62410	2.02%	0.180%
25	11.198	1544	1548	1552	rVB	88106	113727	3.68%	0.328%
26	11.251	1552	1557	1560	rVV3	26890	47097	1.53%	0.136%
27	11.292	1560	1564	1570	rVB	89875	117064	3.79%	0.337%
28	11.427	1577	1587	1591	rBV2	1605095	2468333	79.96%	7.110%
29	11.475	1591	1595	1599	rVV	420981	546593	17.71%	1.575%
30	11.627	1614	1621	1628	rBV2	230352	348406	11.29%	1.004%
31	11.692	1628	1632	1635	rVV3	35996	52238	1.69%	0.150%
32	11.727	1635	1638	1643	rVB3	32040	44765	1.45%	0.129%
33	11.898	1661	1667	1669	rBV	159190	231578	7.50%	0.667%
34	11.922	1669	1671	1676	rVV	277720	361857	11.72%	1.042%
35	11.975	1676	1680	1682	rVV2	76400	100667	3.26%	0.290%
36	12.010	1682	1686	1694	rVB2	297375	504432	16.34%	1.453%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
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Acq On : 19 Sep 2024 01:29
Operator : RC/JU
Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-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	12.098	1694	1701	1705	rBV3	38843	91277	2.96%	0.263%
38	12.192	1713	1717	1719	rBV	122114	158904	5.15%	0.458%
39	12.216	1719	1721	1726	rVB	152119	174184	5.64%	0.502%
40	12.339	1737	1742	1745	rBV2	41322	63022	2.04%	0.182%
41	12.451	1756	1761	1764	rBV2	88267	138947	4.50%	0.400%
42	12.486	1764	1767	1772	rVV3	54685	88746	2.87%	0.256%
43	12.533	1772	1775	1781	rVB	118676	158726	5.14%	0.457%
44	12.616	1781	1789	1794	rBV	2233763	3086878	100.00%	8.892%
45	12.669	1794	1798	1801	rVV2	37402	50410	1.63%	0.145%
46	12.704	1801	1804	1807	rVB	38224	39100	1.27%	0.113%
47	12.757	1807	1813	1821	rVB3	76607	163877	5.31%	0.472%
48	12.845	1821	1828	1833	rBV	1856085	2992469	96.94%	8.620%
49	12.886	1833	1835	1840	rVB2	91199	107916	3.50%	0.311%
50	12.980	1843	1851	1858	rVB3	967917	1485247	48.11%	4.278%
51	13.057	1858	1864	1868	rBV2	138449	288903	9.36%	0.832%
52	13.163	1874	1882	1886	rVB2	199456	393665	12.75%	1.134%
53	13.233	1886	1894	1896	rBV	131975	194453	6.30%	0.560%
54	13.269	1896	1900	1903	rVV2	128049	158320	5.13%	0.456%
55	13.363	1912	1916	1918	rBV	54450	65169	2.11%	0.188%
56	13.392	1918	1921	1925	rVV2	72211	92315	2.99%	0.266%
57	13.457	1929	1932	1939	rVB4	53574	94755	3.07%	0.273%
58	13.551	1944	1948	1957	rBV8	53147	168626	5.46%	0.486%
59	13.669	1964	1968	1973	rVB	170825	236398	7.66%	0.681%
60	13.780	1982	1987	1990	rBV2	175616	289356	9.37%	0.834%
61	13.810	1990	1992	1995	rVV	153804	230794	7.48%	0.665%
62	13.839	1995	1997	2000	rVV2	170422	242561	7.86%	0.699%
63	13.880	2000	2004	2011	rVB	262193	395202	12.80%	1.138%
64	14.033	2022	2030	2033	rBV2	1051662	1884830	61.06%	5.430%
65	14.063	2033	2035	2042	rVB	783947	1020447	33.06%	2.940%
66	14.139	2045	2048	2052	rBV	111398	140908	4.56%	0.406%
67	14.257	2065	2068	2072	rVB2	84951	108717	3.52%	0.313%
68	14.421	2092	2096	2099	rVB	106265	134051	4.34%	0.386%
69	14.457	2099	2102	2105	rVB2	63010	74298	2.41%	0.214%
70	14.510	2107	2111	2114	rBV3	58300	89030	2.88%	0.256%
71	14.727	2145	2148	2151	rBV2	41704	56941	1.84%	0.164%
72	14.810	2159	2162	2165	rBV	33731	43551	1.41%	0.125%
73	15.086	2202	2209	2217	rBV	710026	1682237	54.50%	4.846%
74	15.151	2217	2220	2222	rVV2	63455	85880	2.78%	0.247%
75	15.186	2222	2226	2237	rVB	156596	246373	7.98%	0.710%
76	15.386	2255	2260	2266	rVB	375240	591947	19.18%	1.705%

LSC Area Percent Report

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Operator : RC/JU
Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-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	15.451	2266	2271	2276	rVB	548012	814402	26.38%	2.346%
78	15.510	2276	2281	2283	rBV	147644	217087	7.03%	0.625%
79	15.539	2284	2286	2293	rVB	180520	264613	8.57%	0.762%
80	16.986	2525	2532	2540	rVB2	256551	547274	17.73%	1.577%
81	17.162	2557	2562	2567	rBV	45753	89814	2.91%	0.259%
82	17.433	2601	2608	2625	rVB	205511	506895	16.42%	1.460%
83	17.662	2643	2647	2661	rVB2	54067	137157	4.44%	0.395%

Sum of corrected areas: 34714492

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
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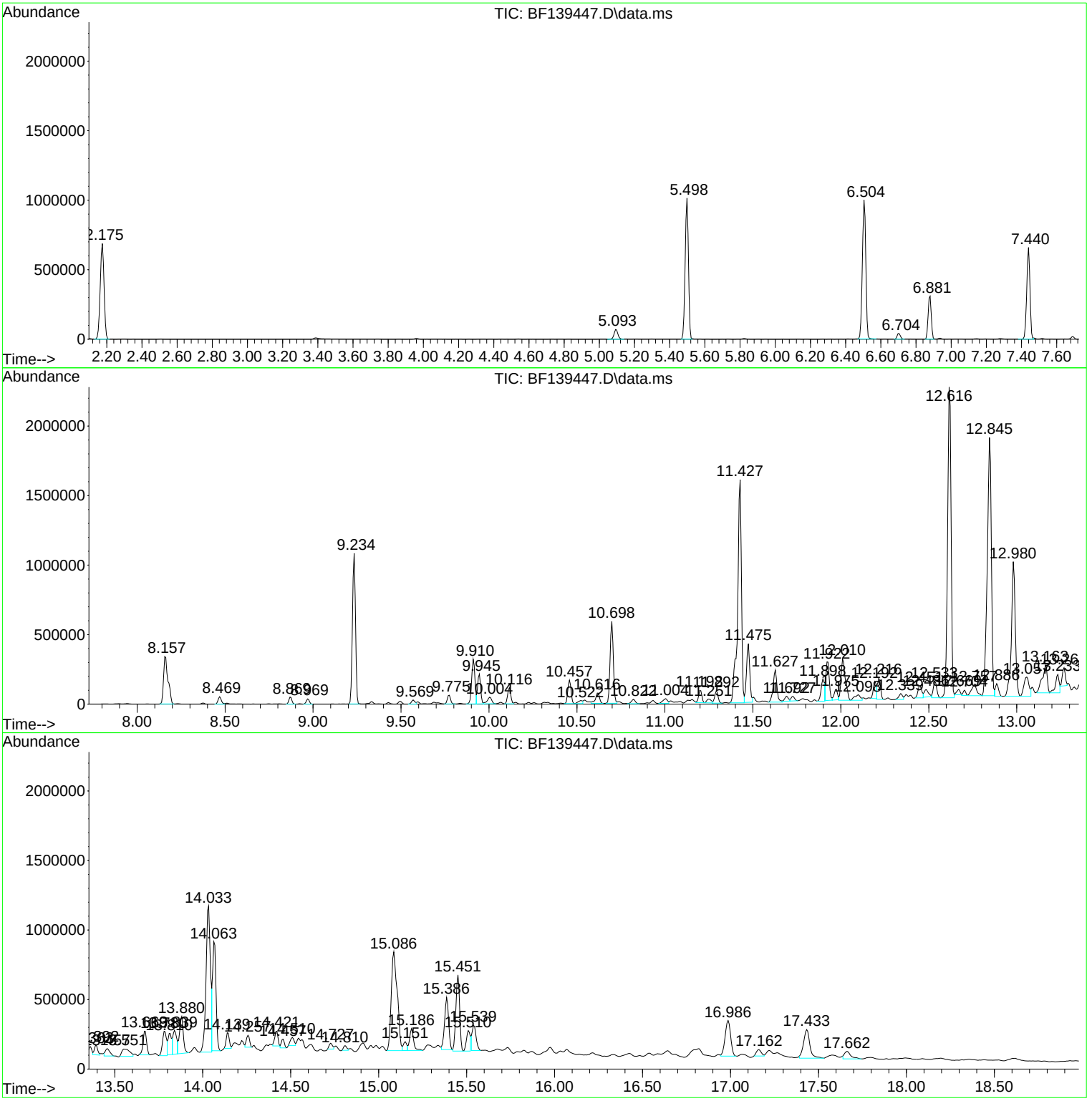
Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-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\BF091824\
Data File : BF139447.D
Acq On : 19 Sep 2024 01:29
Operator : RC/JU
Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-COMP

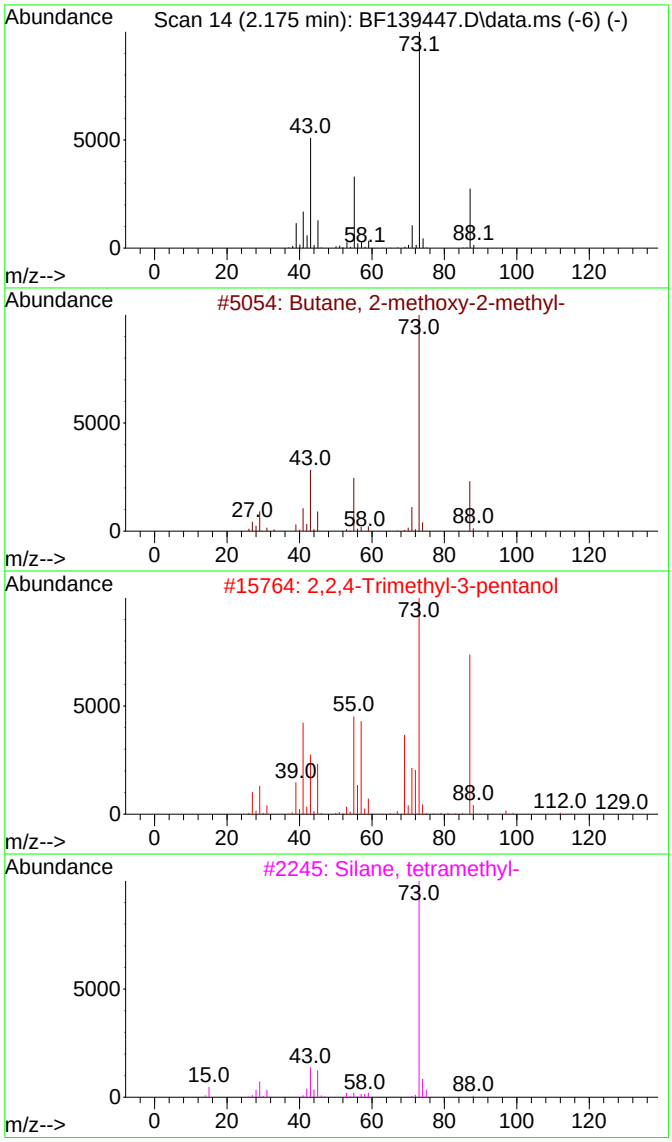
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

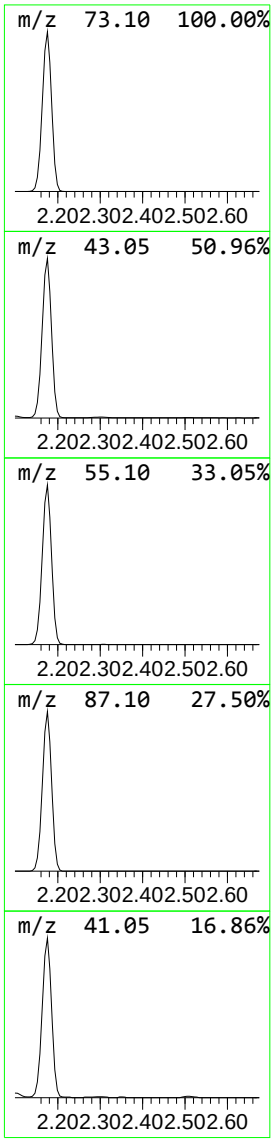
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	54.16 ng	1044790	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139447.D
Acq On : 19 Sep 2024 01:29
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-COMP

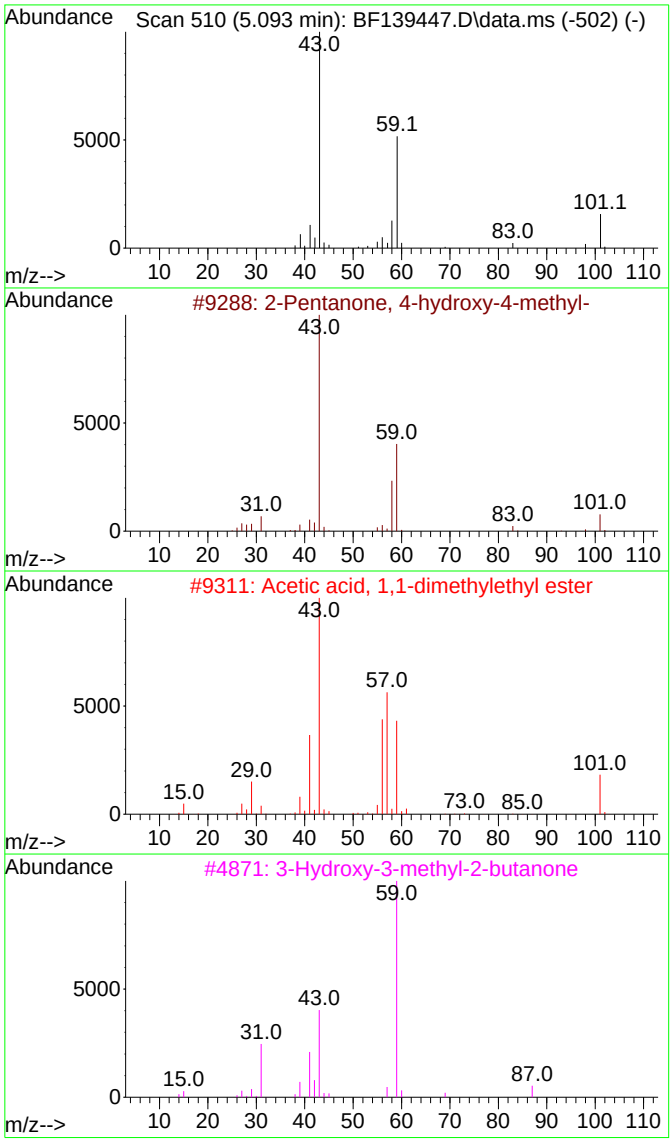
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

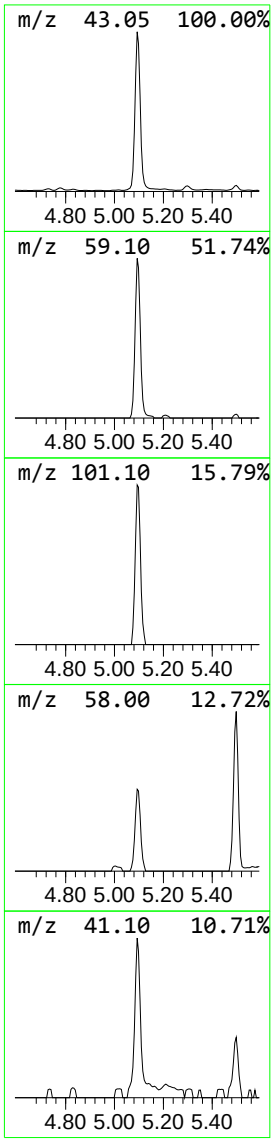
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	5.61 ng	108276	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	32
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139447.D
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Instrument :
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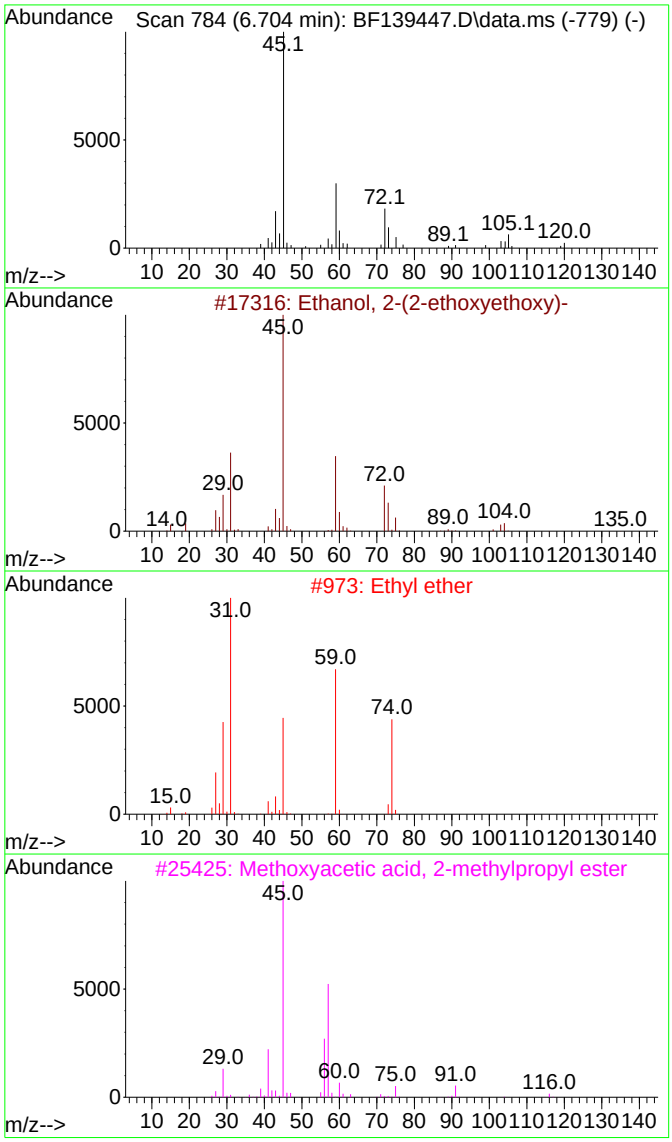
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

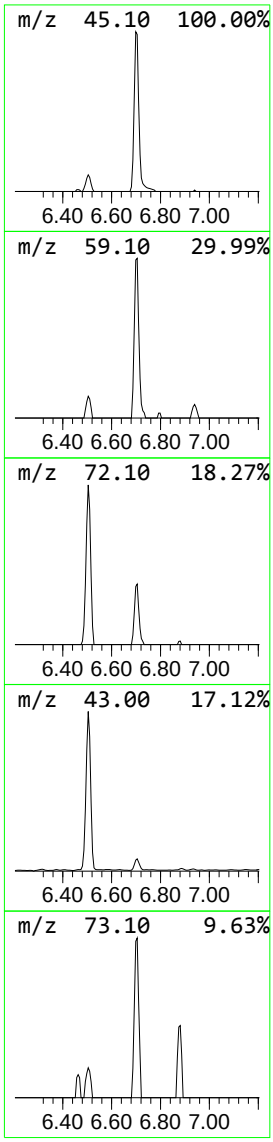
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.704	2.82 ng	54440	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
2	Ethyl ether	74	C4H10O	000060-29-7	42
3	Methoxyacetic acid, 2-methylprop...	146	C7H14O3	1000282-40-9	40
4	2-Butanol	74	C4H10O	000078-92-2	38
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

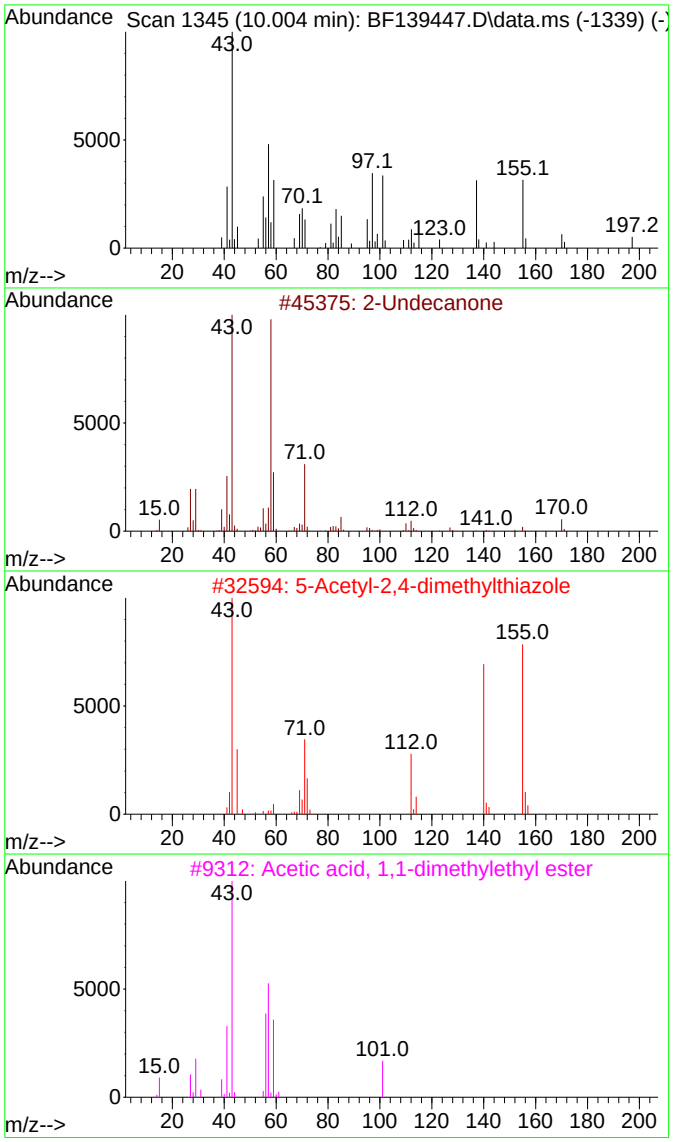
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

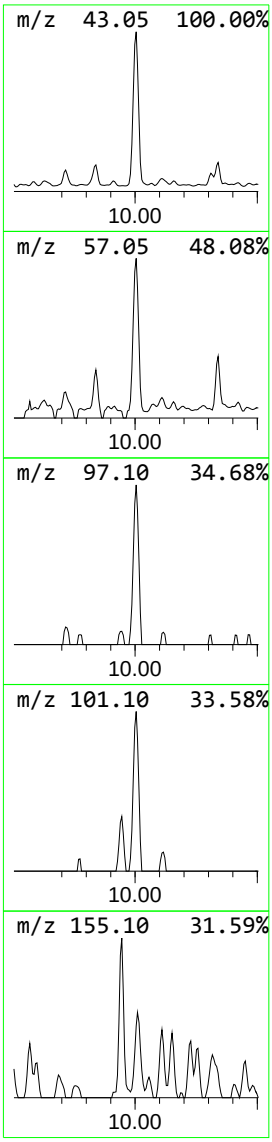
****

Peak Number 4 unknown10.004 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.004	3.99 ng	82194	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanone	170	C11H22O	000112-12-9	14
2	5-Acetyl-2,4-dimethylthiazole	155	C7H9NOS	038205-60-6	10
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	10
4	4,7-Dimethyl-5-decyne-4,7-diol	198	C12H22O2	000126-87-4	10
5	2,4(3H,5H)-Furandione, 5-hexyl-5...	198	C11H18O3	054852-79-8	9





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Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-COMP

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

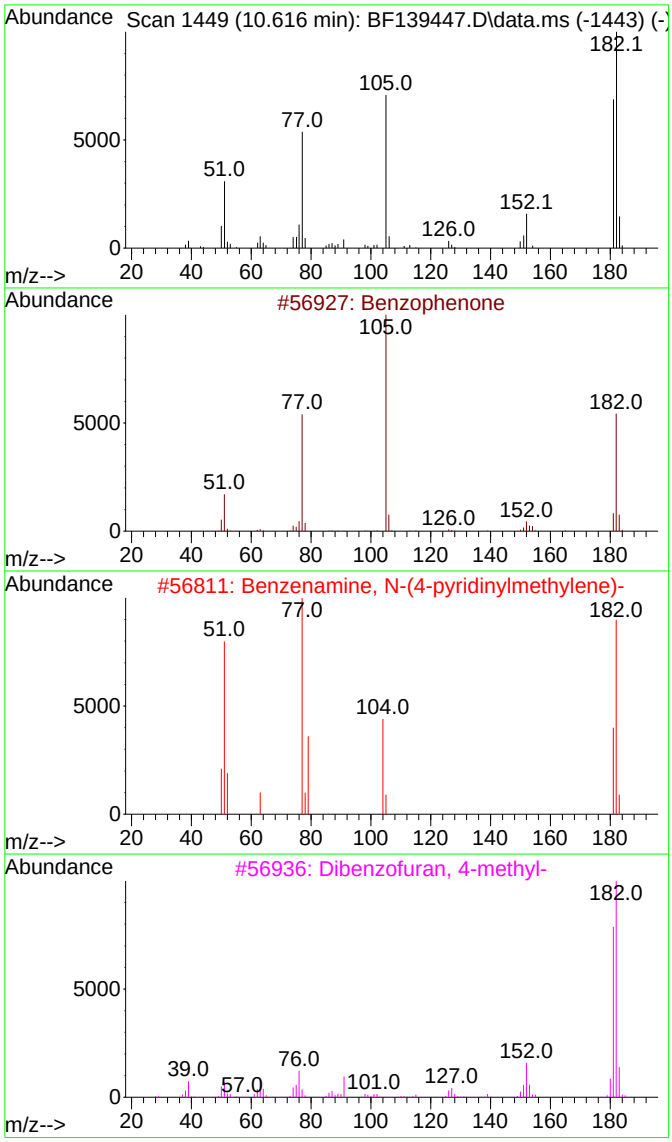
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

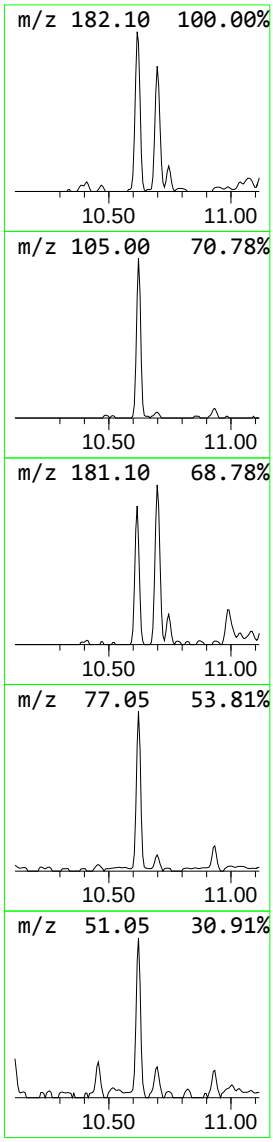
****

Peak Number 5 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	5.76 ng	118473	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	72
2	Benzenamine, N-(4-pyridinylmethy...	182	C12H10N2	027768-46-3	72
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	62
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	58
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139447.D
Acq On : 19 Sep 2024 01:29
Operator : RC/JU
Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-COMP

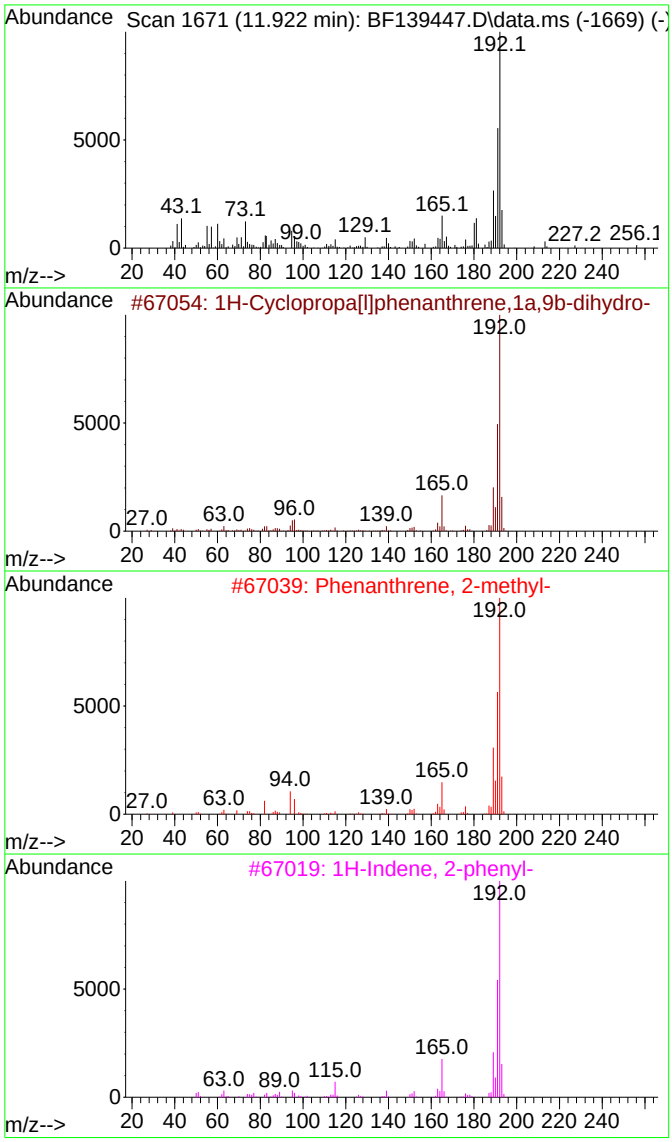
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

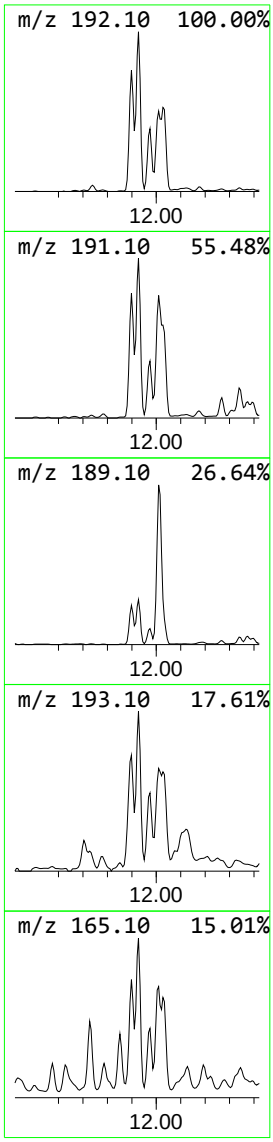
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.93 ng	361857	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Acq On : 19 Sep 2024 01:29
Operator : RC/JU
Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-COMP

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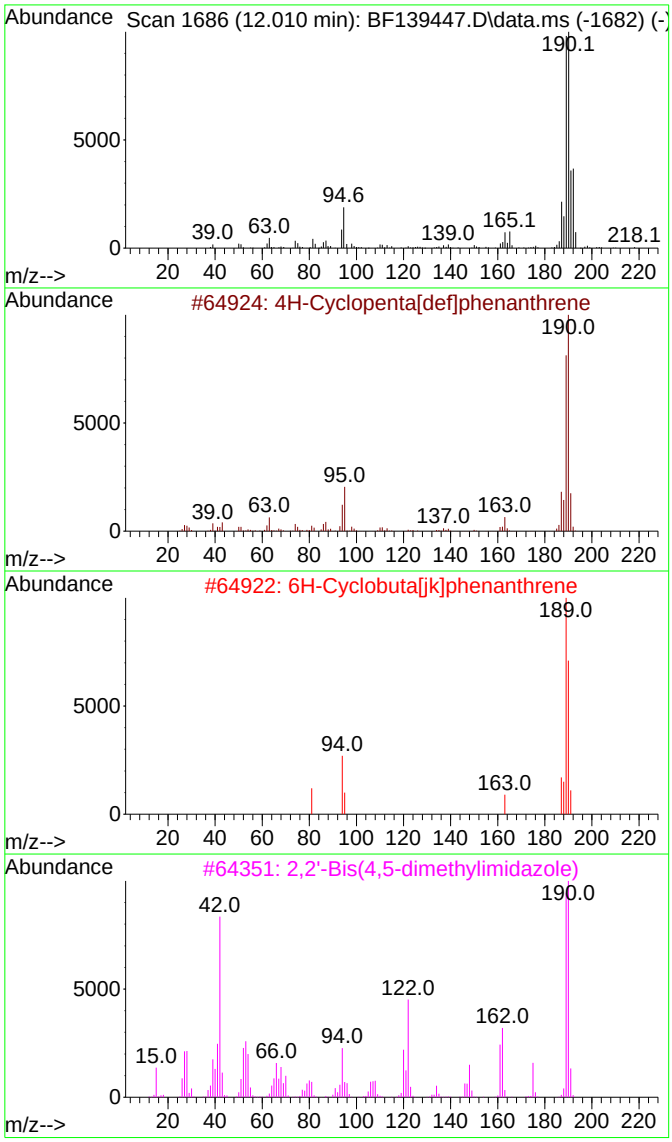
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

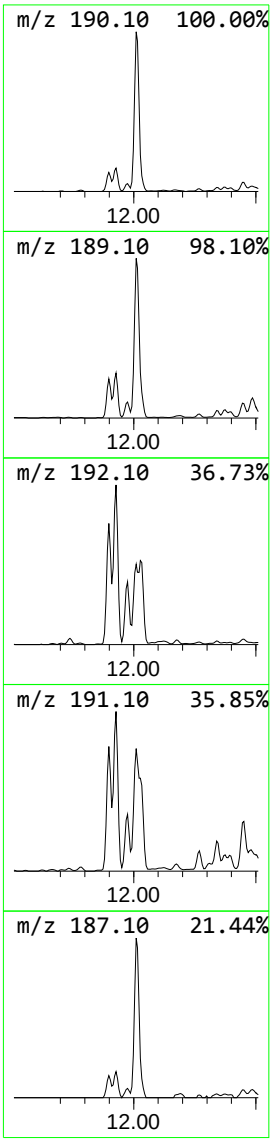
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	4.09 ng	504432	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





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Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-COMP

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

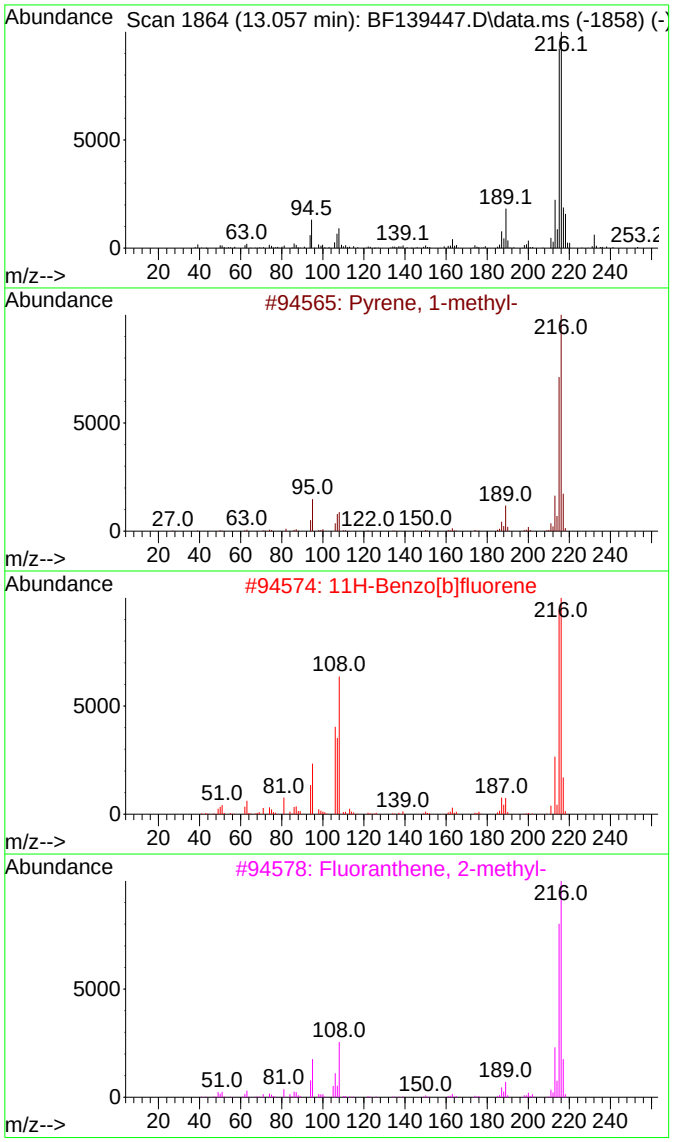
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

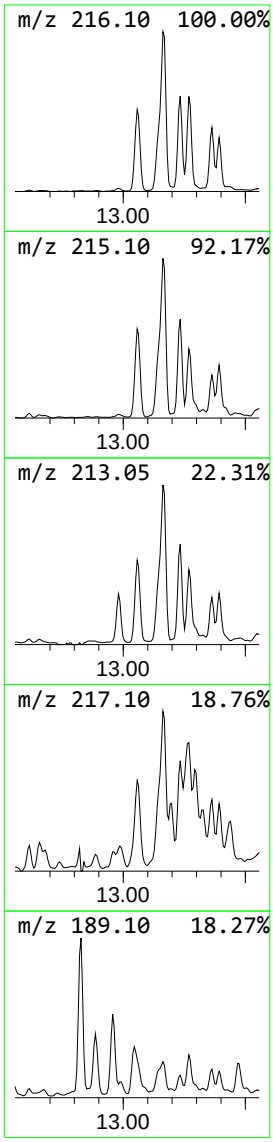
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	3.07 ng	288903	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-B-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

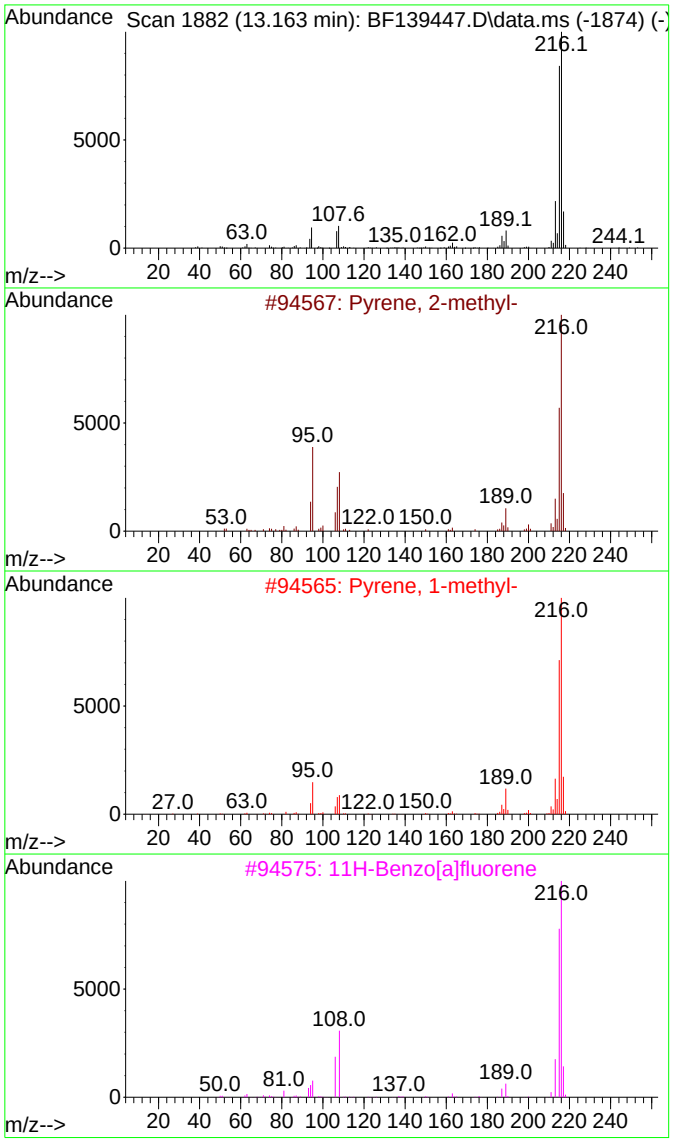
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

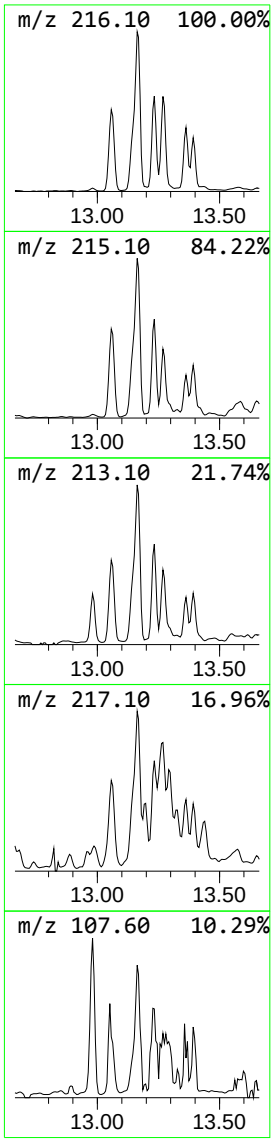
****

Peak Number 9 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	4.18 ng	393665	Chrysene-d12	14.039

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





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-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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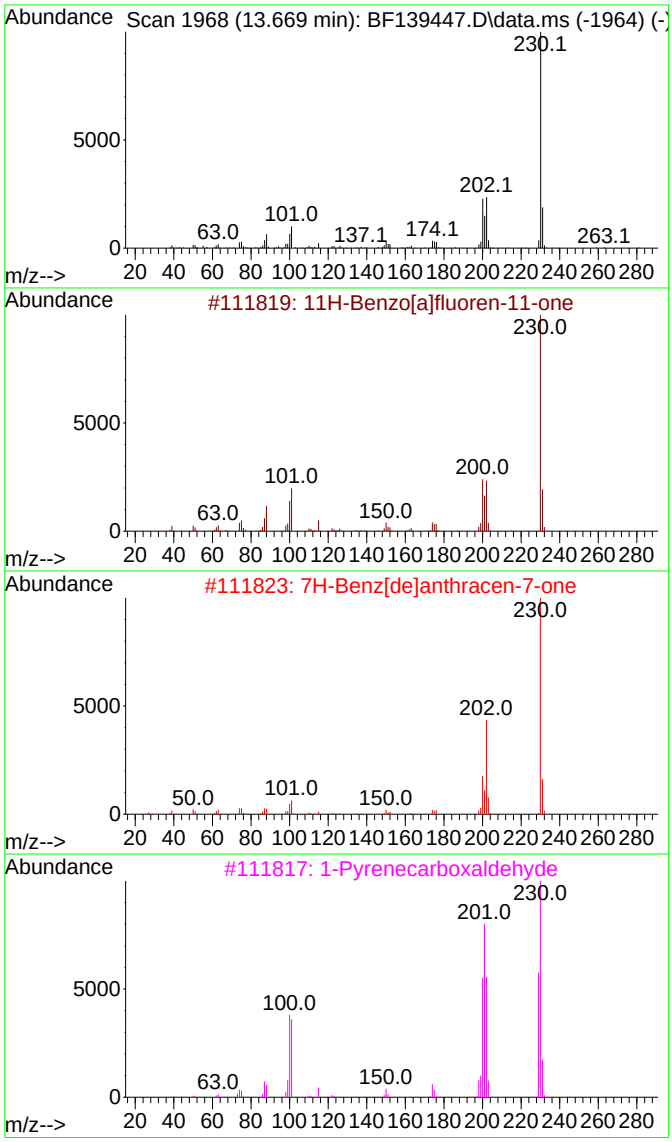
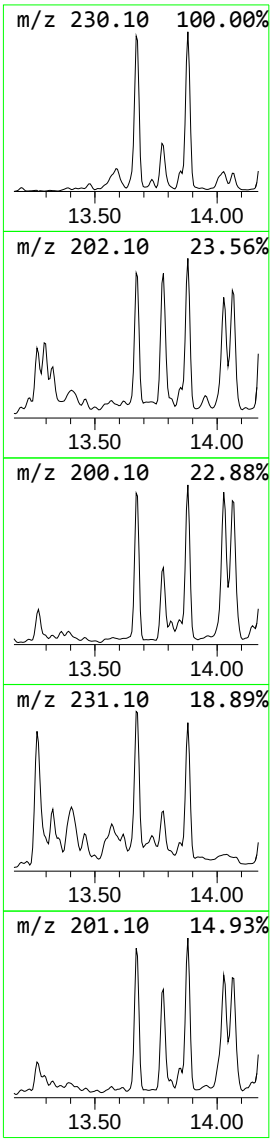
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	2.51 ng	236398	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	96
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	59
5	o-Terphenyl	230	C18H14	000084-15-1	58





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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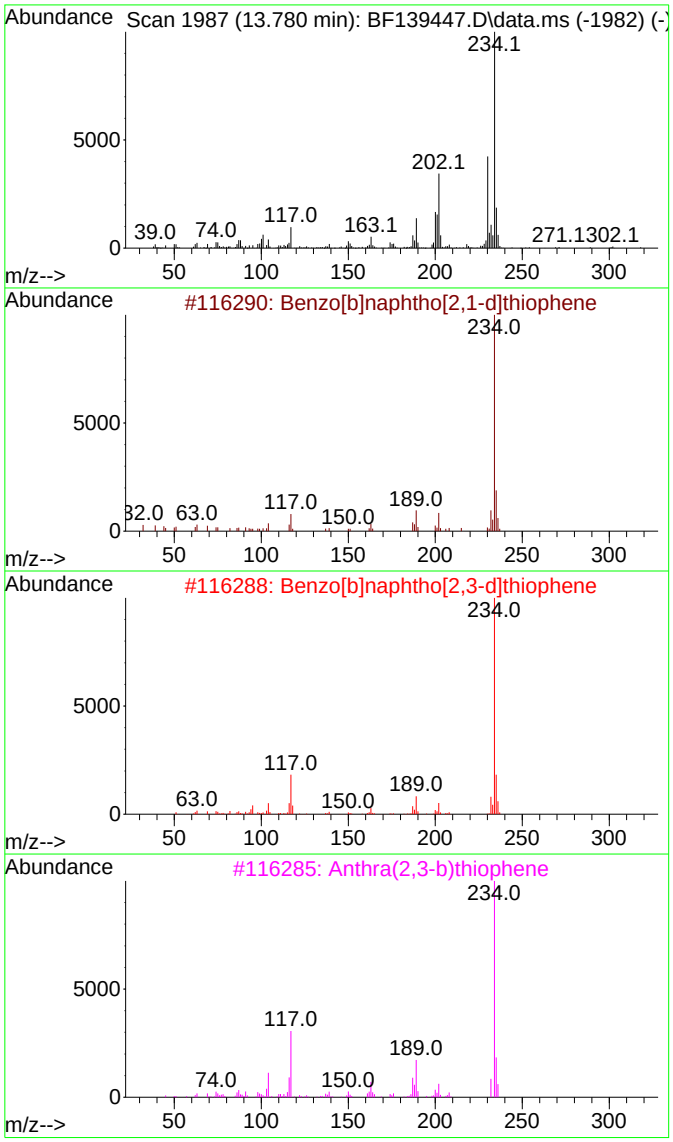
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

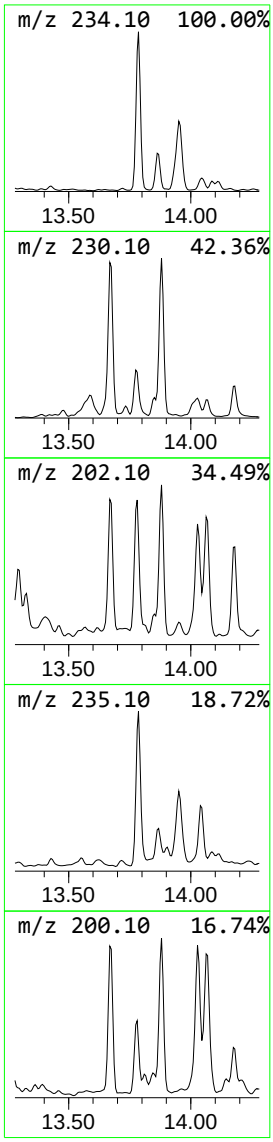
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	3.07 ng	289356	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	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	60
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	46
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	38





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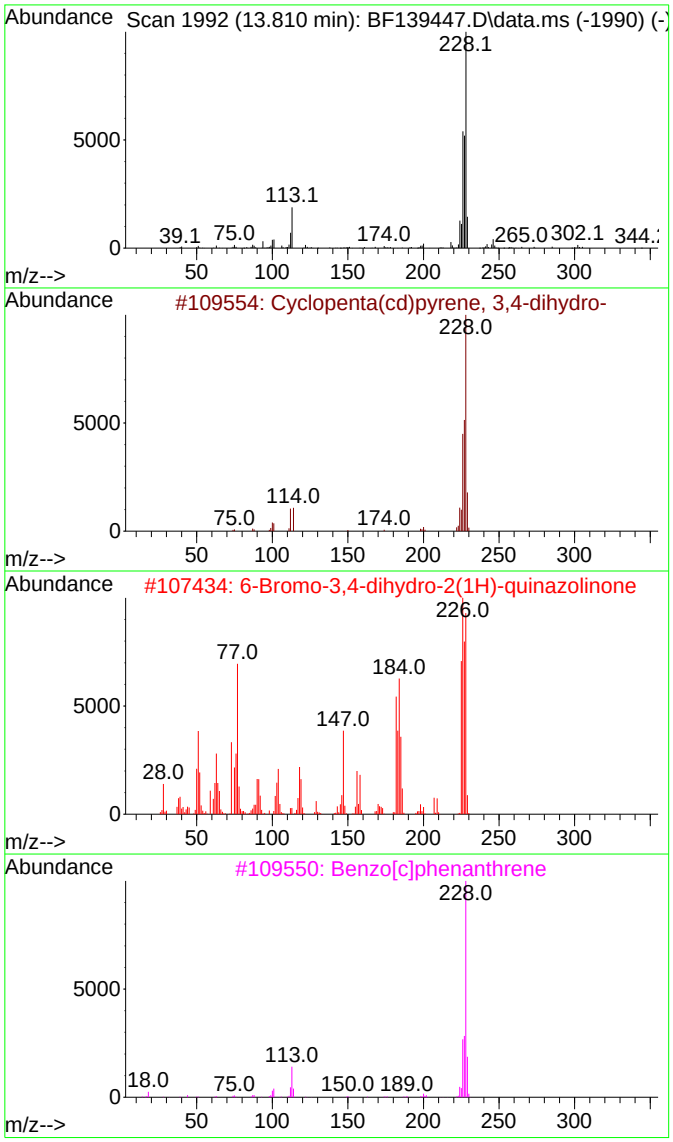
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

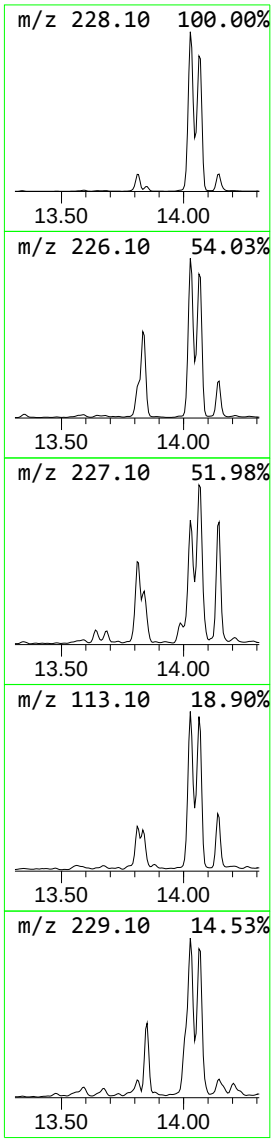
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	2.45 ng	230794	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	83
2	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	59
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4	Triphenylene	228	C18H12	000217-59-4	46
5	Chrysene	228	C18H12	000218-01-9	46





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Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-B-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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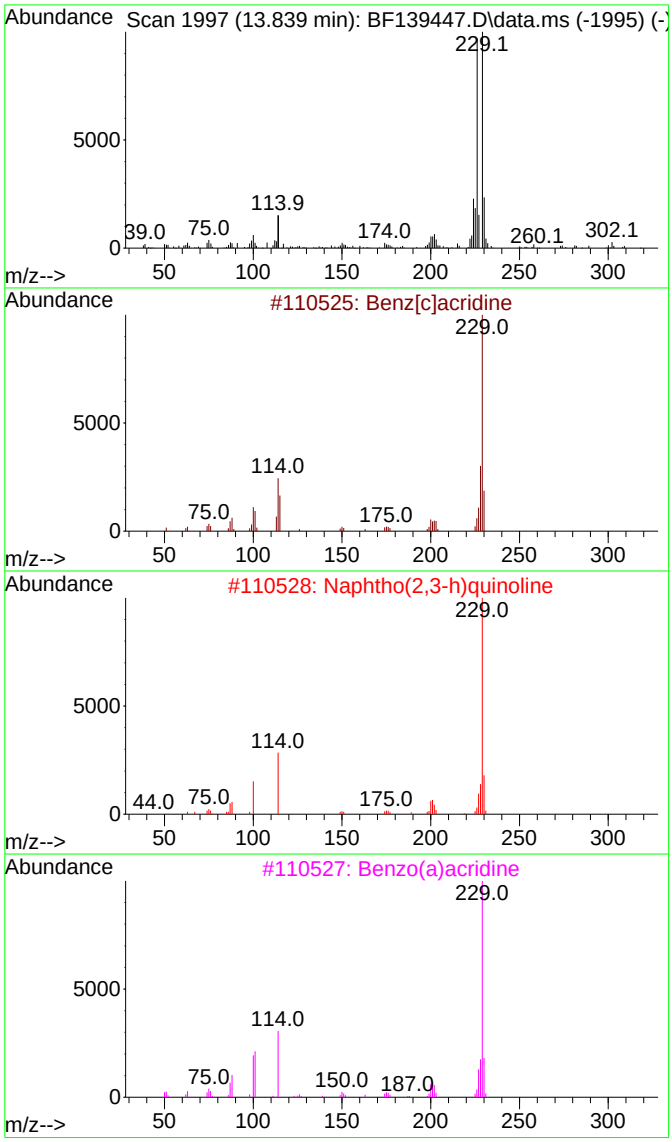
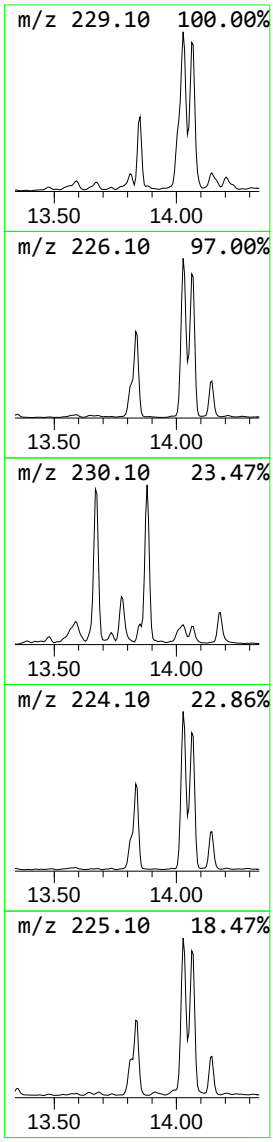
Peak Number 13 unknown13.839 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	2.57 ng	242561	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	46
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	43
3	Benzo(a)acridine	229	C17H11N	000225-11-6	38
4	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	32
5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	30





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

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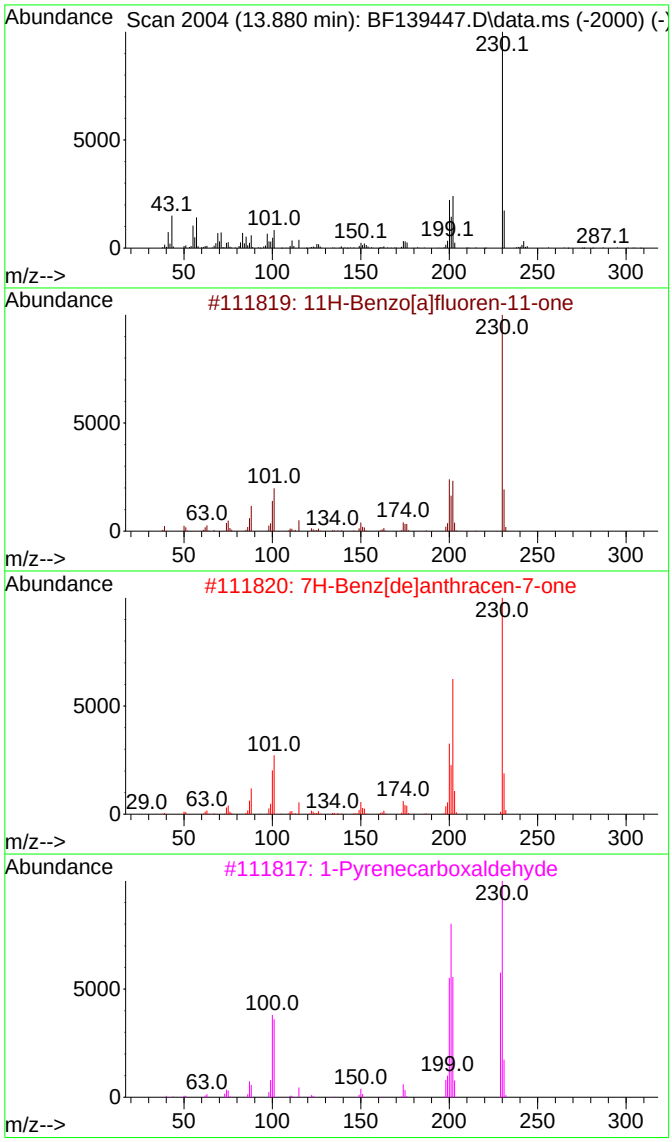
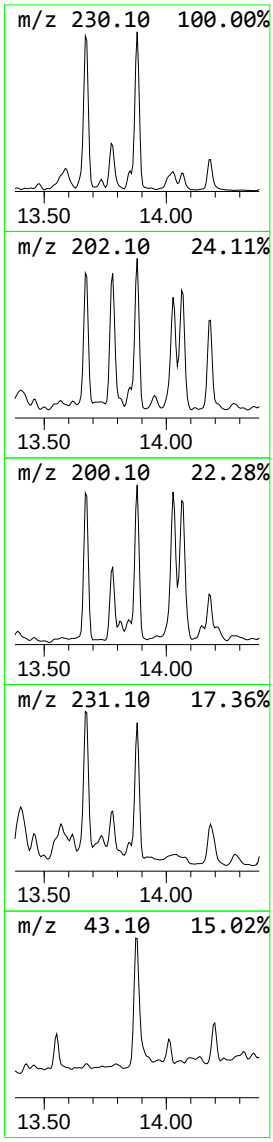
Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	4.19 ng	395202	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	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
4	o-Terphenyl	230	C18H14	000084-15-1	52
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	50





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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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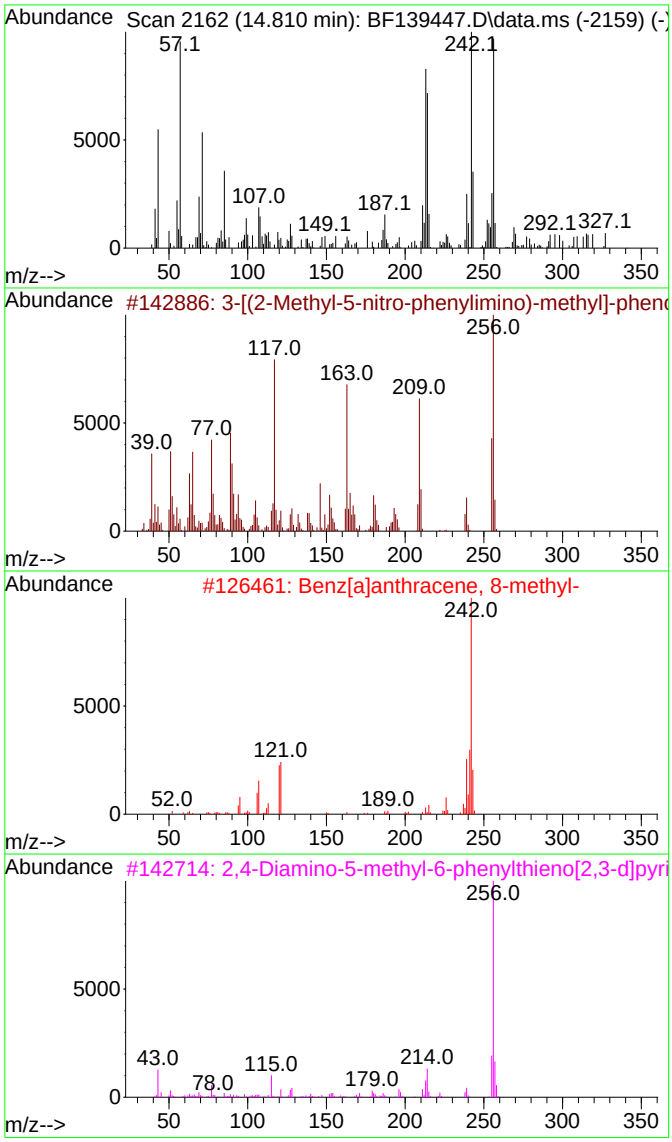
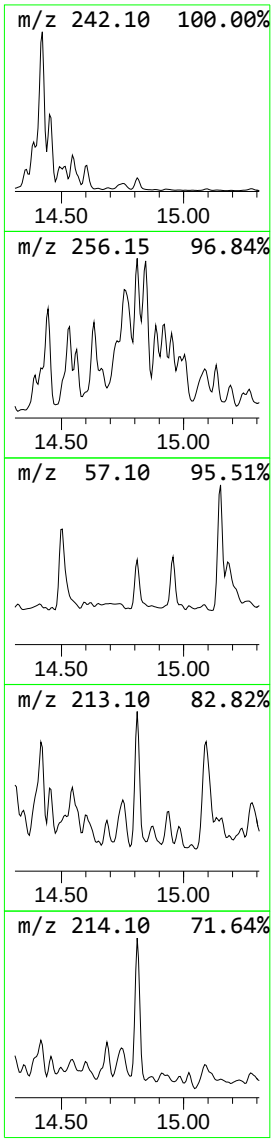
Peak Number 15 unknown14.810 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	4.01 ng	43551	Perylene-d12	15.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[(2-Methyl-5-nitro-phenylimino...	256	C14H12N2O3	1000297-24-5	18
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	18
3	2,4-Diamino-5-methyl-6-phenylthi...	256	C13H12N4S	042160-11-2	18
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	14
5	3-Benzofuranone, 6-methoxy-2-[(1...	256	C14H12N2O3	1000319-39-9	14





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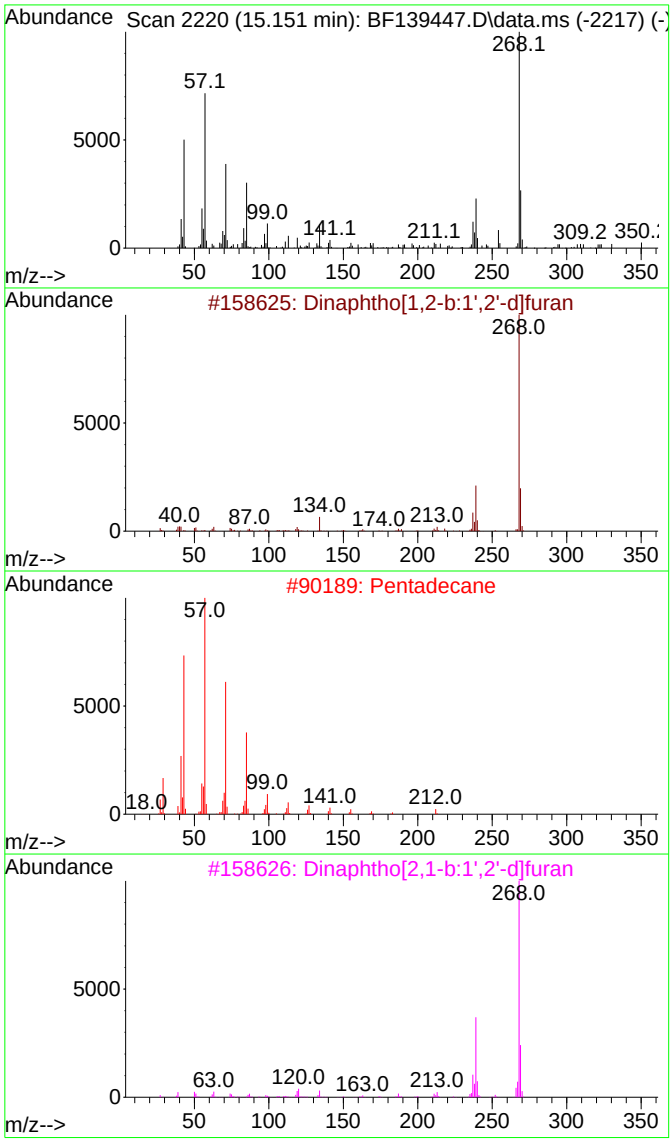
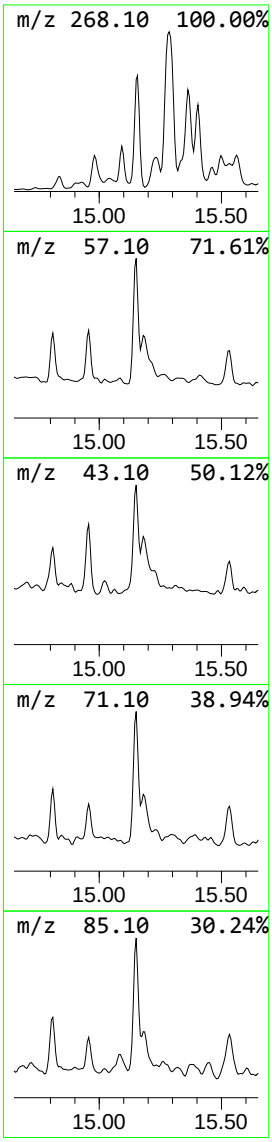
Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	7.91 ng	85880	Perylene-d12	15.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	86
2	Pentadecane	212	C15H32	000629-62-9	59
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	58
4	Nonadecane	268	C19H40	000629-92-5	58
5	Disperse Blue 1	268	C14H12N4O2	002475-45-8	46





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TIC Library : C:\Database\NIST20.L
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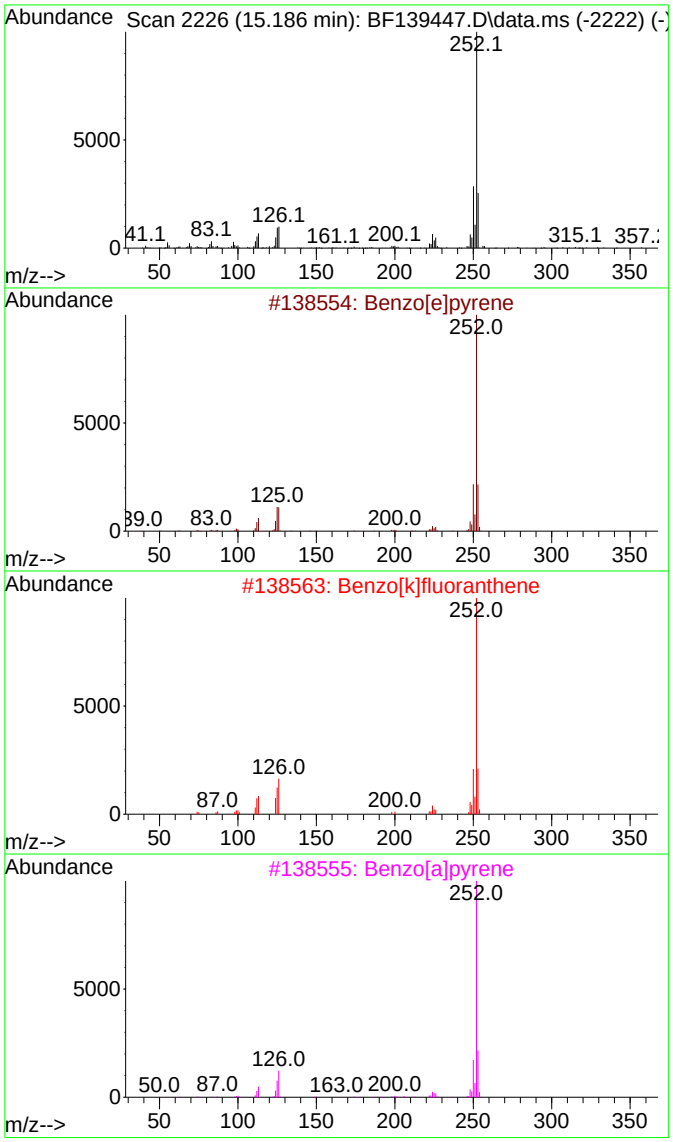
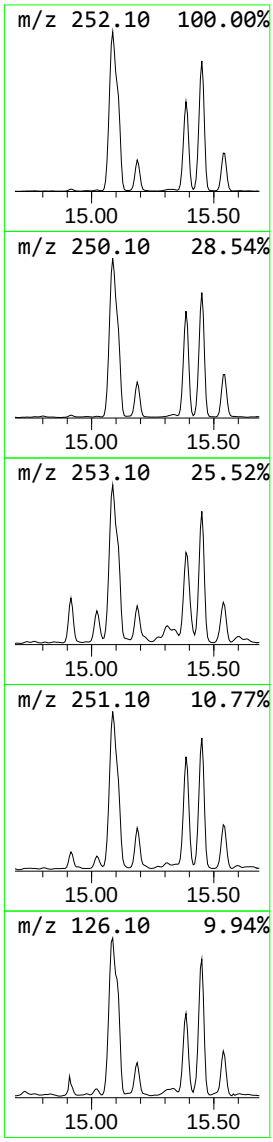
Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	22.70 ng	246373	Perylene-d12	15.510

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	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	87
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139447.D
Acq On : 19 Sep 2024 01:29
Operator : RC/JU
Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-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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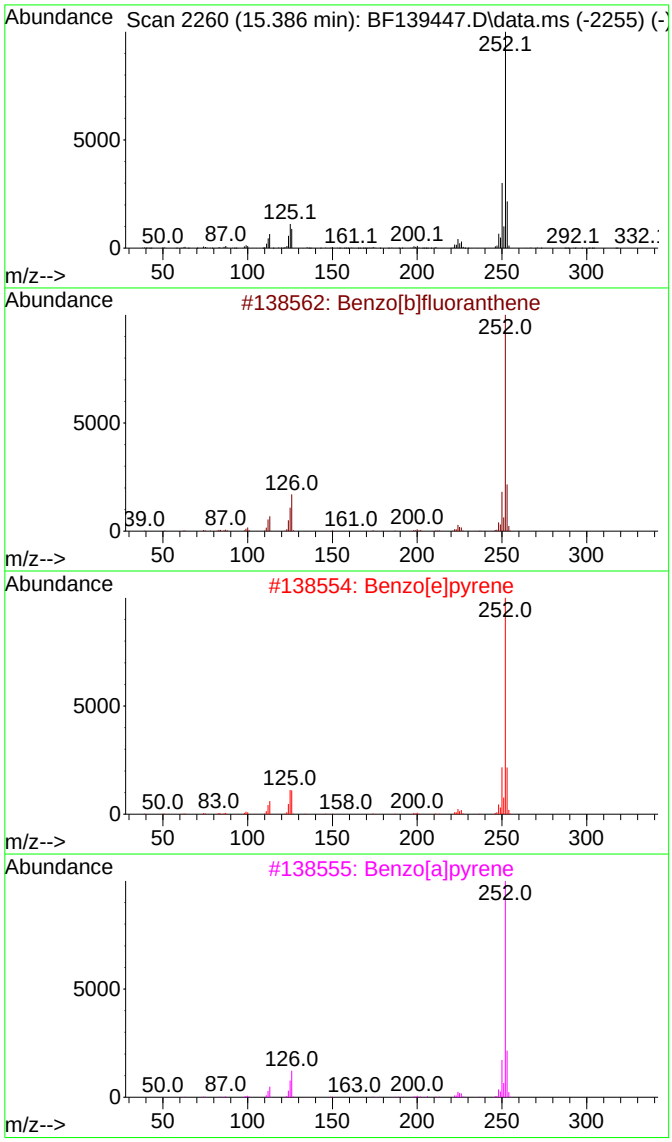
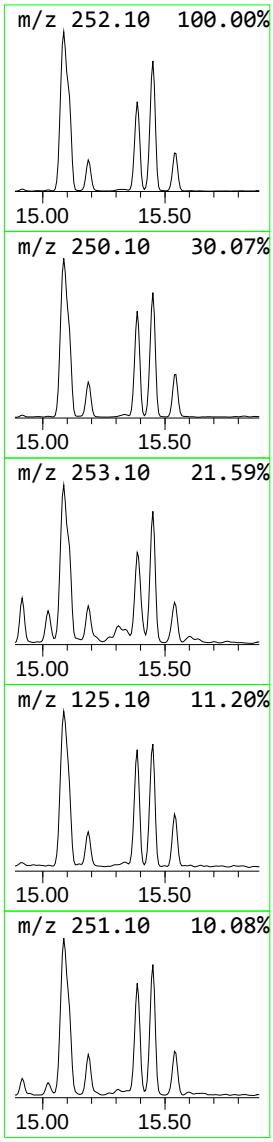
Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	54.54 ng	591947	Perylene-d12	15.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139447.D
Acq On : 19 Sep 2024 01:29
Operator : RC/JU
Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-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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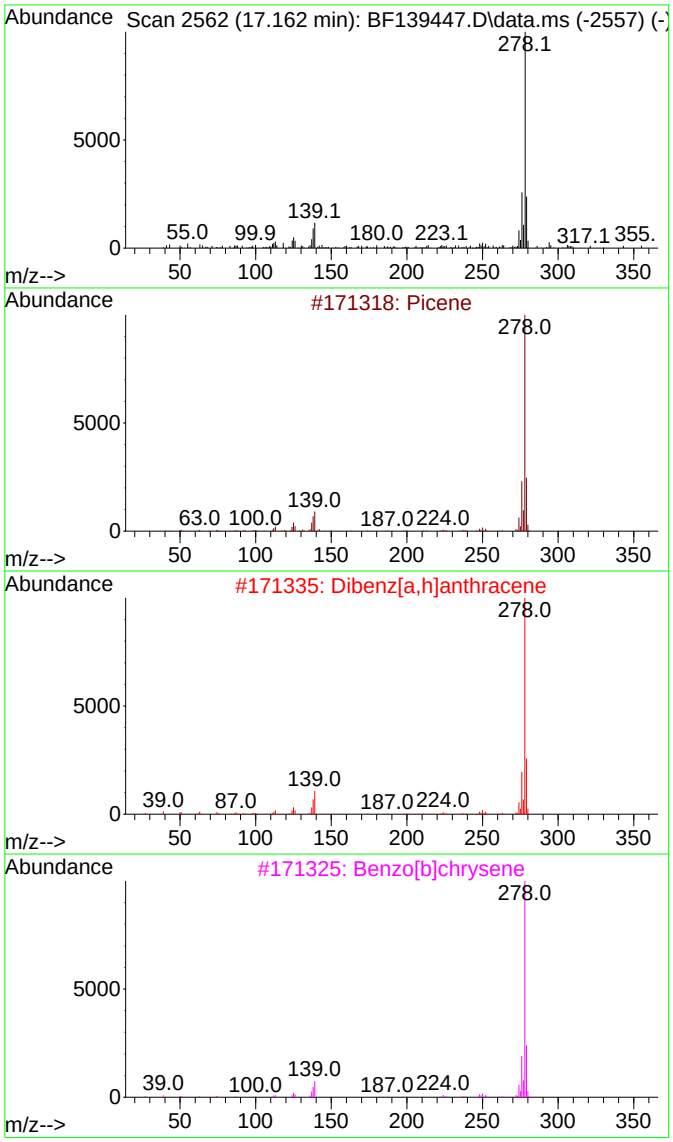
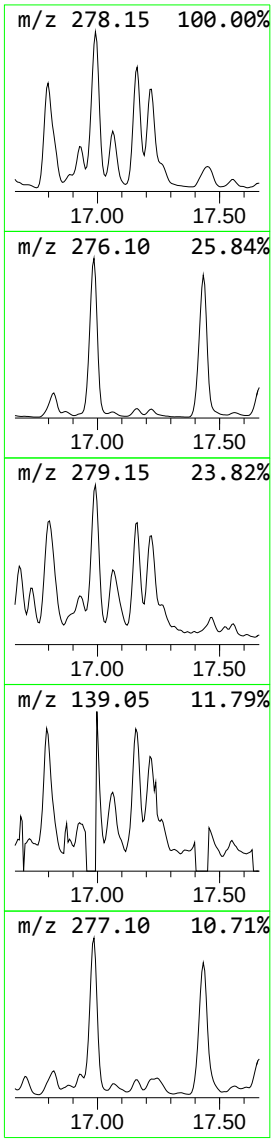
Peak Number 19 Picene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.162	8.27 ng	89814	Perylene-d12	15.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	98
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Benzo[b]chrysene	278	C22H14	000214-17-5	96
4	Pentaphene	278	C22H14	000222-93-5	95
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139447.D
Acq On : 19 Sep 2024 01:29
Operator : RC/JU
Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-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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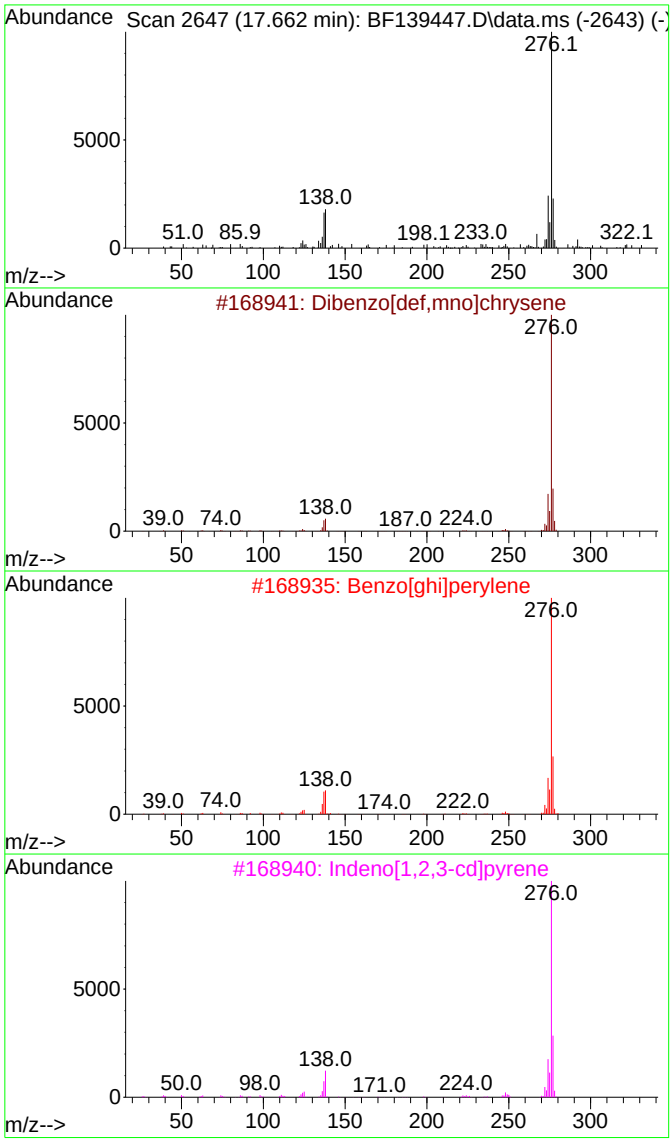
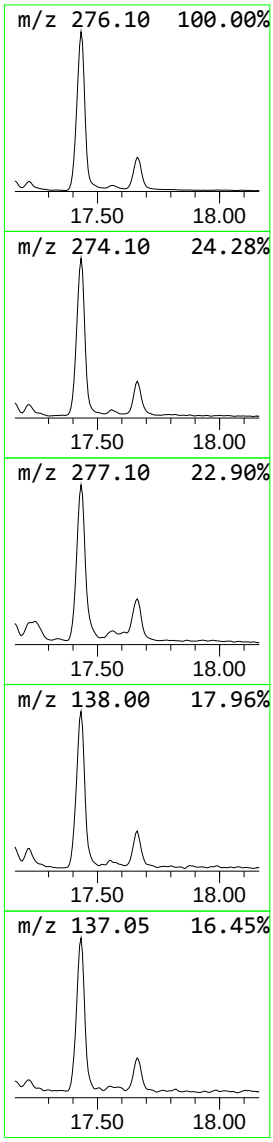
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.662	12.64 ng	137157	Perylene-d12	15.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4	Benzofuro[3,2-d]pyrimidine, 4-me...	276	C17H12N2O2	312265-36-4	53
5	2-Amino-3-cyano-4,5-diphenylthio...	276	C17H12N2S	042160-34-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139447.D
Acq On : 19 Sep 2024 01:29
Operator : RC/JU
Sample : P3984-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B-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...	2.175	54.2	ng	1044790	1	6.881	385805	20.0
2-Pentanone, 4-...	5.093	5.6	ng	108276	1	6.881	385805	20.0
Ethanol, 2-(2-e...	6.704	2.8	ng	54440	1	6.881	385805	20.0
unknown10.004	10.004	4.0	ng	82194	3	9.910	411637	20.0
Benzophenone	10.616	5.8	ng	118473	3	9.910	411637	20.0
1H-Cyclopropa[l...	11.922	2.9	ng	361857	4	11.398	2468330	20.0
4H-Cyclopenta[d...	12.010	4.1	ng	504432	4	11.398	2468330	20.0
Pyrene, 1-methyl-	13.057	3.1	ng	288903	5	14.039	1884830	20.0
Pyrene, 2-methyl-	13.163	4.2	ng	393665	5	14.039	1884830	20.0
11H-Benzo[a]flu...	13.669	2.5	ng	236398	5	14.039	1884830	20.0
Benzo[b]naphtho...	13.780	3.1	ng	289356	5	14.039	1884830	20.0
Cyclopenta(cd)p...	13.810	2.5	ng	230794	5	14.039	1884830	20.0
unknown13.839	13.839	2.6	ng	242561	5	14.039	1884830	20.0
7H-Benz[de]anth...	13.880	4.2	ng	395202	5	14.039	1884830	20.0
unknown14.810	14.810	4.0	ng	43551	6	15.510	217087	20.0
Dinaphtho[1,2-b...	15.151	7.9	ng	85880	6	15.510	217087	20.0
Benzo[e]pyrene	15.186	22.7	ng	246373	6	15.510	217087	20.0
Perylene	15.386	54.5	ng	591947	6	15.510	217087	20.0
Picene	17.162	8.3	ng	89814	6	15.510	217087	20.0
Dibenzo[def,mno...	17.662	12.6	ng	137157	6	15.510	217087	20.0