LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132750.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.228	443	449	461	rVB	2306783	3356302	50.40%	4.099%
2	5.622	511	516	519	rBV	5337820	5762749	86.54%	7.037%
3	6.616	679	685	688	rBV	5216598	5955446	89.44%	7.273%
4	6.975	743	746	750	rBV	1364685	1215799	18.26%	1.485%
5	7.545	838	843	846	rBV	3905384	4156612	62.42%	5.076%
6	8.263	961	965	967	rBV	2043736	1602226	24.06%	1.957%
7	8.287	967	969	972	rVB	163956	133129	2.00%	0.163%
8	8.975	1083	1086	1091	rBV	106245	87039	1.31%	0.106%
9	9.075	1099	1103	1107	rBV	107982	87287	1.31%	0.107%
10	9.339	1144	1148	1151	rBV	6776092	6658771	100.00%	8.132%
11	9.604	1186	1193	1197	rBV2	64278	92184	1.38%	0.113%
12	9.681	1201	1206	1208	rBV	128566	138990	2.09%	0.170%
13	9.886	1237	1241	1244	rVB2	167545	151063	2.27%	0.184%
14	10.022	1261	1264	1267	rBV	2090502	1805398	27.11%	2.205%
15	10.057	1267	1270	1273	rVB	345627	263738	3.96%	0.322%
16	10.228	1295	1299	1302	rBV2	240888	220471	3.31%	0.269%
17	10.428	1327	1333	1339	rVB2	62878	114786	1.72%	0.140%
18	10.575	1354	1358	1363	rVB2	316466	314050	4.72%	0.384%
19	10.734	1382	1385	1389	rVB2	303857	345564	5.19%	0.422%
20	10.822	1395	1400	1403	rBV	4736996	4312946	64.77%	5.267%
21	11.122	1444	1451	1454	rBV4	141940	219309	3.29%	0.268%
22	11.251	1468	1473	1475	rBV3	146660	183931	2.76%	0.225%
23	11.322	1482	1485	1489	rVB	209128	195759	2.94%	0.239%
24	11.363	1489	1492	1498	rBV2	161929	237099	3.56%	0.290%
25	11.416	1498	1501	1505	rVB	207618	182599	2.74%	0.223%
26	11.522	1515	1519	1521	rBV	2051130	1888491	28.36%	2.306%
27	11.545	1521	1523	1526	rVV	3025858	2372277	35.63%	2.897%
28	11.598	1526	1532	1534	rVV	651025	685153	10.29%	0.837%
29	11.628	1534	1537	1540	rVB2	116372	136689	2.05%	0.167%
30	11.751	1551	1558	1564	rBV3	273474	452733	6.80%	0.553%
31	11.810	1566	1568	1573	rVV2	97840	106328	1.60%	0.130%
32	11.851	1573	1575	1579	rVB2	103123	111445	1.67%	0.136%
33	12.022	1599	1604	1607	rBV2	632412	879203	13.20%	1.074%
34	12.051	1607	1609	1613	rVV	883895	737963	11.08%	0.901%
35	12.098	1613	1617	1620	rVV	323637	286590	4.30%	0.350%
36	12.139	1620	1624	1626	rVV2	727910	865086	12.99%	1.056%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.157	1626	1627	1631	rVB	421239	296694	4.46%	0.362%
38	12.204	1631	1635	1637	rBV2	107217	96825	1.45%	0.118%
39	12.280	1646	1648	1652	rVB5	131647	125759	1.89%	0.154%
40	12.316	1652	1654	1657	rVV	363580	312284	4.69%	0.381%
41	12.345	1657	1659	1663	rVB	279477	234243	3.52%	0.286%
42	12.469	1675	1680	1683	rBV2	160054	168700	2.53%	0.206%
43	12.498	1683	1685	1687	rVV	164341	125759	1.89%	0.154%
44	12.522	1687	1689	1692	rVB	138416	118286	1.78%	0.144%
45	12.575	1694	1698	1701	rVV	368871	423709	6.36%	0.517%
46	12.616	1702	1705	1707	rVV2	223152	291060	4.37%	0.355%
47	12.633	1707	1708	1710	rVV	193095	115842	1.74%	0.141%
48	12.663	1710	1713	1718	rVB3	289463	377916	5.68%	0.462%
49	12.745	1723	1727	1730	rVV	3473972	3126411	46.95%	3.818%
50	12.780	1730	1733	1735	rVV	108341	89666	1.35%	0.109%
51	12.804	1735	1737	1739	rVV	164673	137624	2.07%	0.168%
52	12.839	1740	1743	1745	rVV	204318	187811	2.82%	0.229%
53	12.869	1745	1748	1750	rVV2	108467	133713	2.01%	0.163%
54	12.898	1750	1753	1755	rVV2	135989	157120	2.36%	0.192%
55	12.957	1759	1763	1764	rBV2	795557	817268	12.27%	0.998%
56	12.975	1764	1766	1771	rVV	2835852	2598027	39.02%	3.173%
57	13.022	1771	1774	1778	rVB2	291069	311781	4.68%	0.381%
58	13.116	1782	1790	1792	rVV	5437721	5879439	88.30%	7.180%
59	13.133	1792	1793	1796	rVB	248903	156643	2.35%	0.191%
60	13.192	1798	1803	1807	rBV2	308810	568020	8.53%	0.694%
61	13.275	1814	1817	1819	rBV2	276340	344034	5.17%	0.420%
62	13.304	1819	1822	1824	rVB	488581	472431	7.09%	0.577%
63	13.369	1830	1833	1835	rBV	308298	227684	3.42%	0.278%
64	13.410	1835	1840	1843	rVV2	422065	555913	8.35%	0.679%
65	13.463	1847	1849	1852	rVB	106352	84259	1.27%	0.103%
66	13.504	1852	1856	1858	rBV	226189	213445	3.21%	0.261%
67	13.533	1858	1861	1864	rBV2	240613	232962	3.50%	0.284%
68	13.816	1906	1909	1913	rVB	403775	360143	5.41%	0.440%
69	13.927	1923	1928	1930	rBV2	249581	339008	5.09%	0.414%
70	13.951	1930	1932	1935	rVV	310841	301263	4.52%	0.368%
71	13.998	1935	1940	1942	rVV3	407437	642511	9.65%	0.785%
72	14.022	1942	1944	1952	rVB	453884	537170	8.07%	0.656%
73	14.098	1952	1957	1961	rBV2	78300	164265	2.47%	0.201%
74	14.174	1966	1970	1973	rVV2	1836285	2617332	39.31%	3.196%
75	14.210	1973	1976	1983	rVB	1272794	1354428	20.34%	1.654%
76	14.286	1987	1989	1991	rBV	148417	115098	1.73%	0.141%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.327	1992	1996	1998	rBV3	146286	195953	2.94%	0.239%
78	14.410	2006	2010	2013	rVV2	204032	220071	3.30%	0.269%
79	14.439	2013	2015	2017	rVB	112922	85105	1.28%	0.104%
80	14.569	2032	2037	2040	rVV	474122	490328	7.36%	0.599%
81	14.604	2040	2043	2046	rVB	176317	156437	2.35%	0.191%
82	14.698	2056	2059	2061	rBV3	163209	148590	2.23%	0.181%
83	14.721	2061	2063	2067	rVB2	149019	134254	2.02%	0.164%
84	14.769	2069	2071	2078	rVB2	140556	177564	2.67%	0.217%
85	14.898	2090	2093	2095	rBV2	110937	102067	1.53%	0.125%
86	15.092	2122	2126	2130	rVV2	127673	191450	2.88%	0.234%
87	15.163	2134	2138	2142	rBV5	49618	93961	1.41%	0.115%
88	15.263	2150	2155	2159	rBV	1130482	1983163	29.78%	2.422%
89	15.380	2171	2175	2179	rBV	283322	322161	4.84%	0.393%
90	15.474	2187	2191	2193	rBV3	98392	152676	2.29%	0.186%
91	15.592	2206	2211	2217	rVB	639313	885113	13.29%	1.081%
92	15.657	2217	2222	2228	rBV	1017938	1321479	19.85%	1.614%
93	15.727	2228	2234	2237	rBV	947493	1314309	19.74%	1.605%
94	15.763	2237	2240	2247	rVB2	278232	458648	6.89%	0.560%
95	16.245	2318	2322	2325	rBV2	50919	85987	1.29%	0.105%
96	17.310	2497	2503	2511	rVB2	375204	755043	11.34%	0.922%
97	17.498	2531	2535	2540	rBV	89324	152582	2.29%	0.186%
98	17.562	2542	2546	2551	rVB3	73592	142228	2.14%	0.174%
99	17.792	2579	2585	2594	rVB	229244	477571	7.17%	0.583%
100	18.051	2625	2629	2635	rVB2	60276	113738	1.71%	0.139%

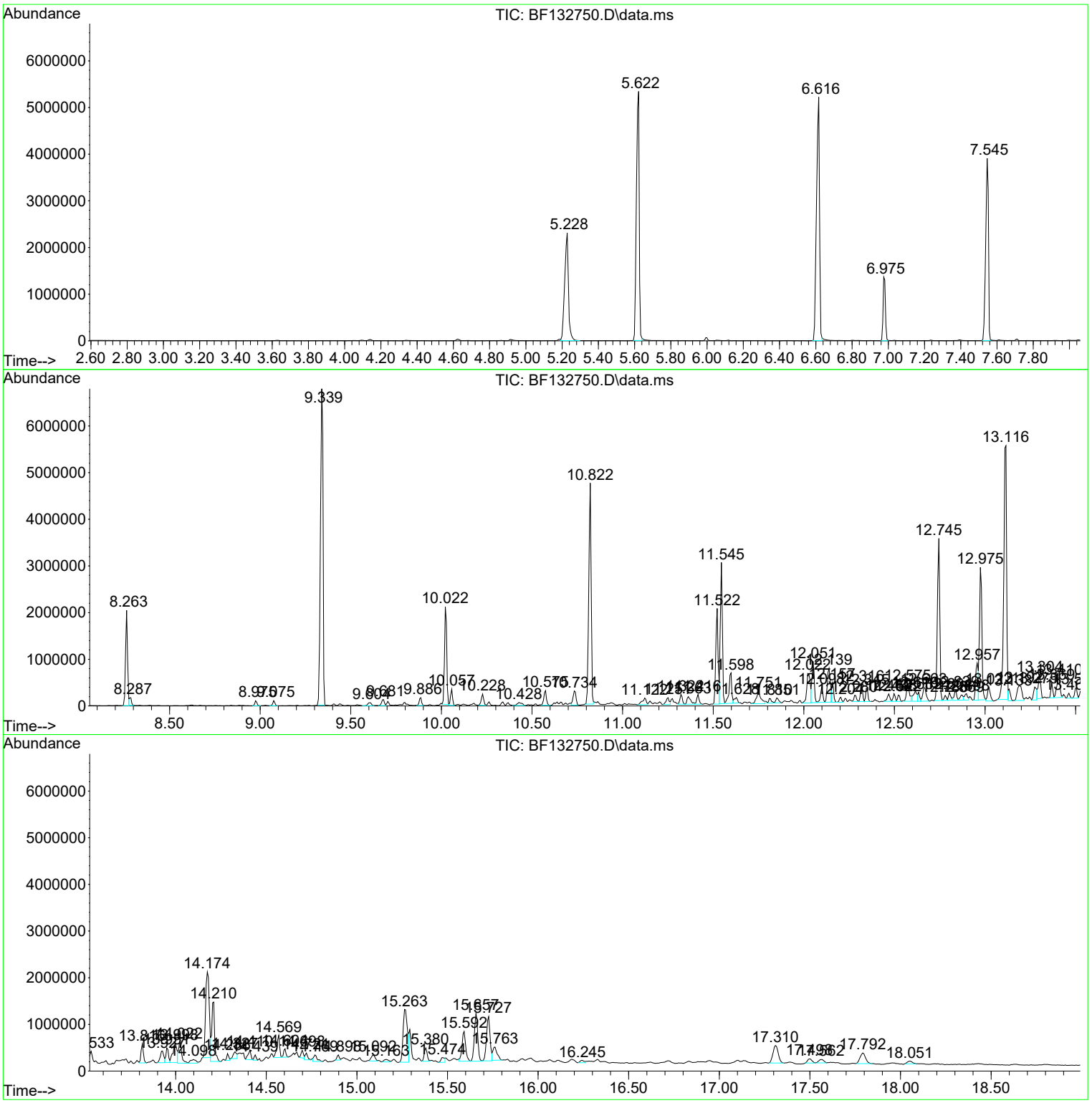
Sum of corrected areas: 81888229

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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\BF031023\
Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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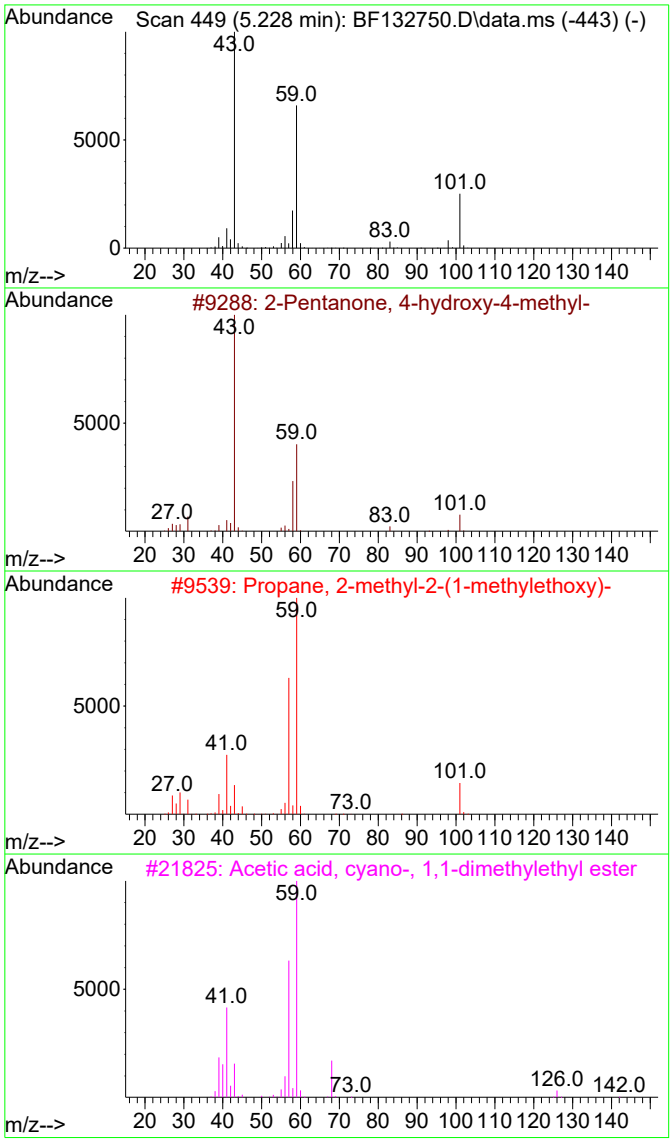
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

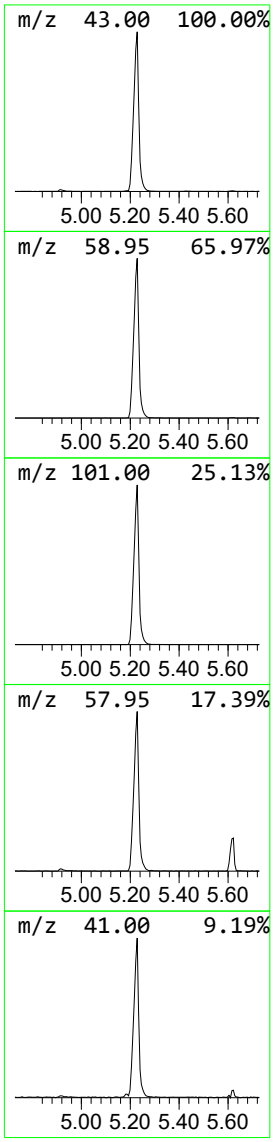
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.228	55.21 ng	3356300	1,4-Dichlorobenzene-d4	6.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

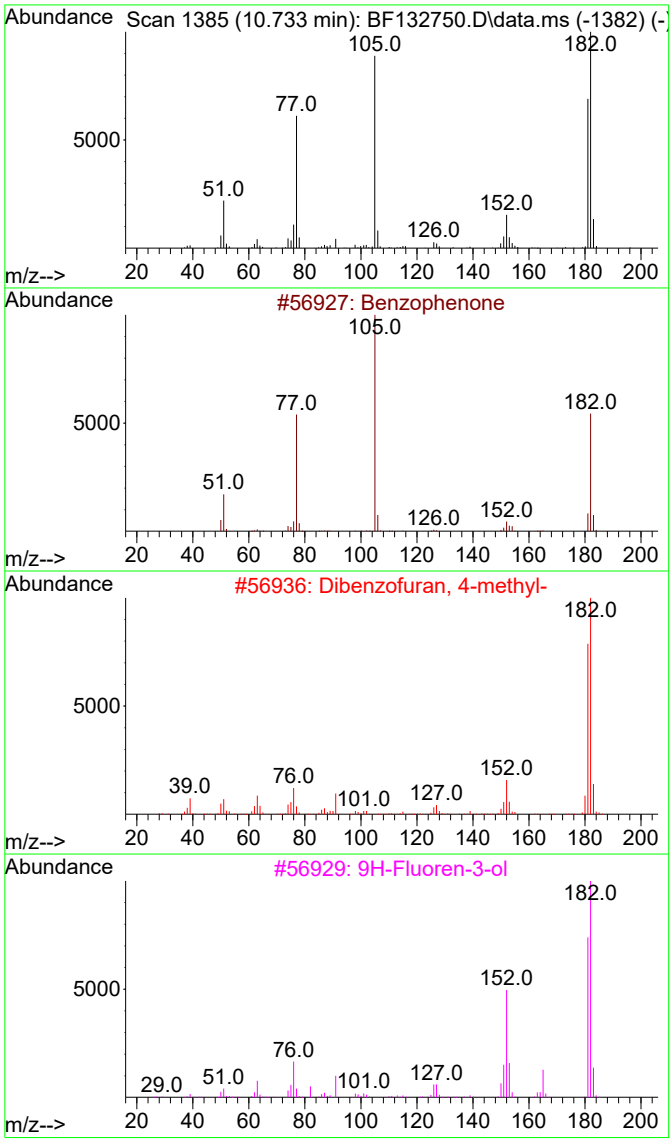
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

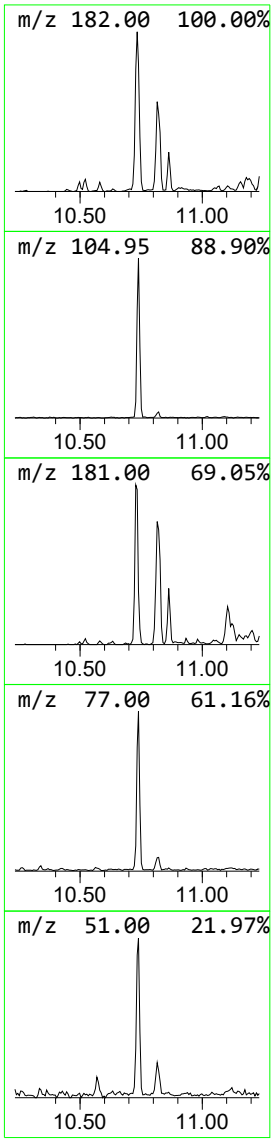
****

Peak Number 2 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	3.83 ng	345564	Acenaphthene-d10	10.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	81
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	58
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	52
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

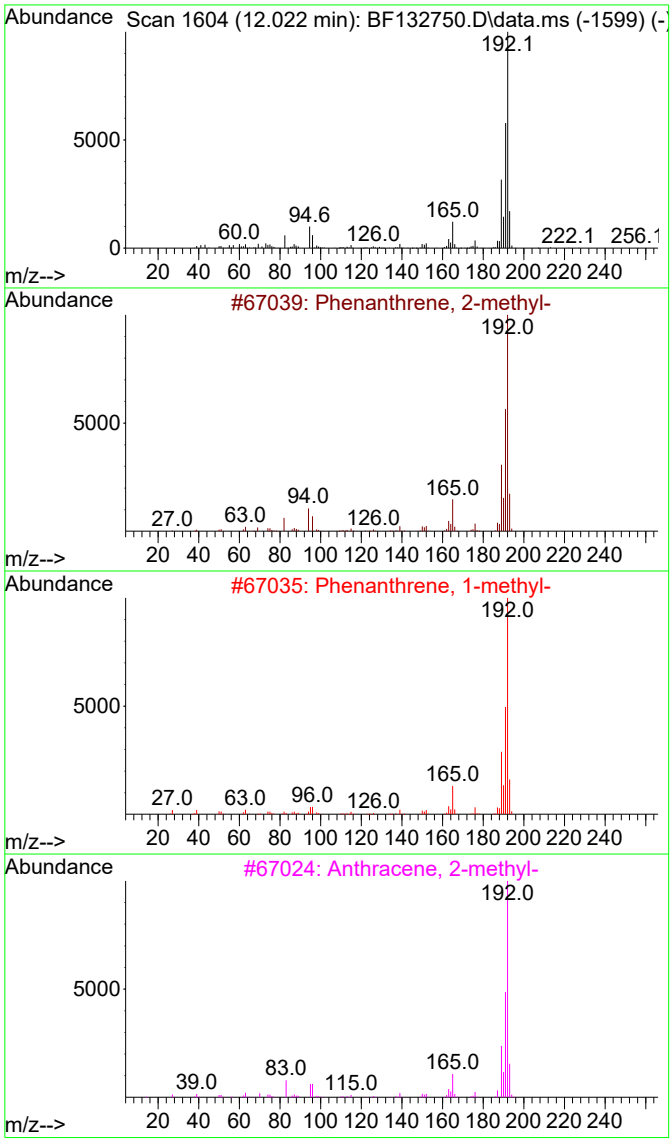
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

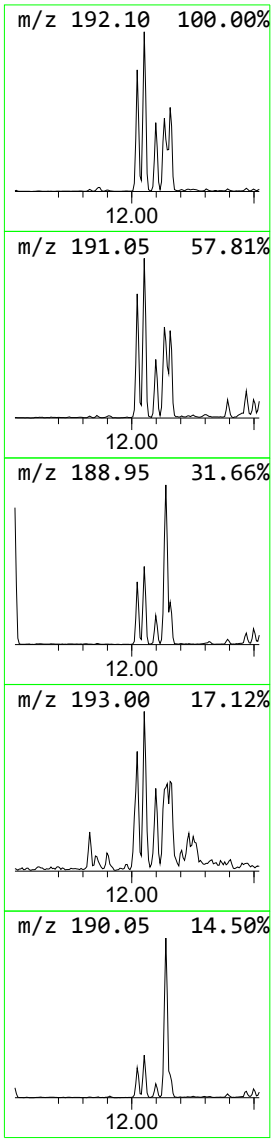
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	9.31 ng	879203	Phenanthrene-d10	11.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

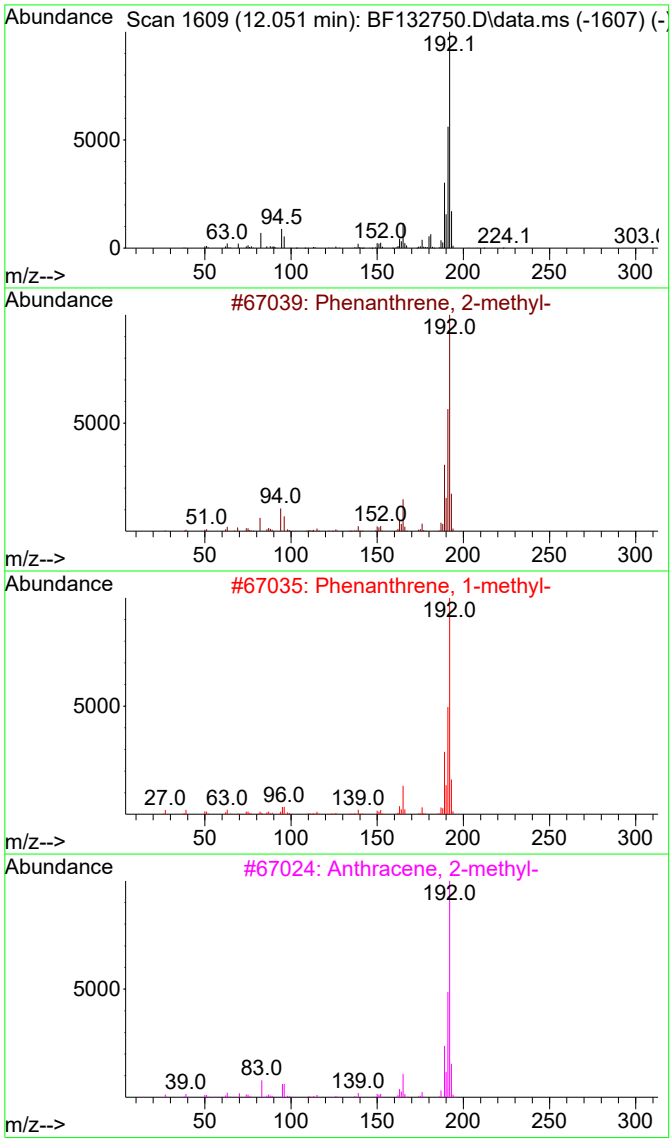
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

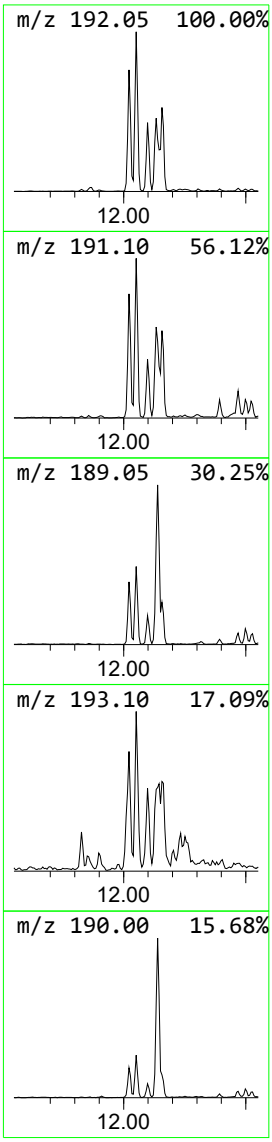
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	7.82 ng	737963	Phenanthrene-d10	11.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

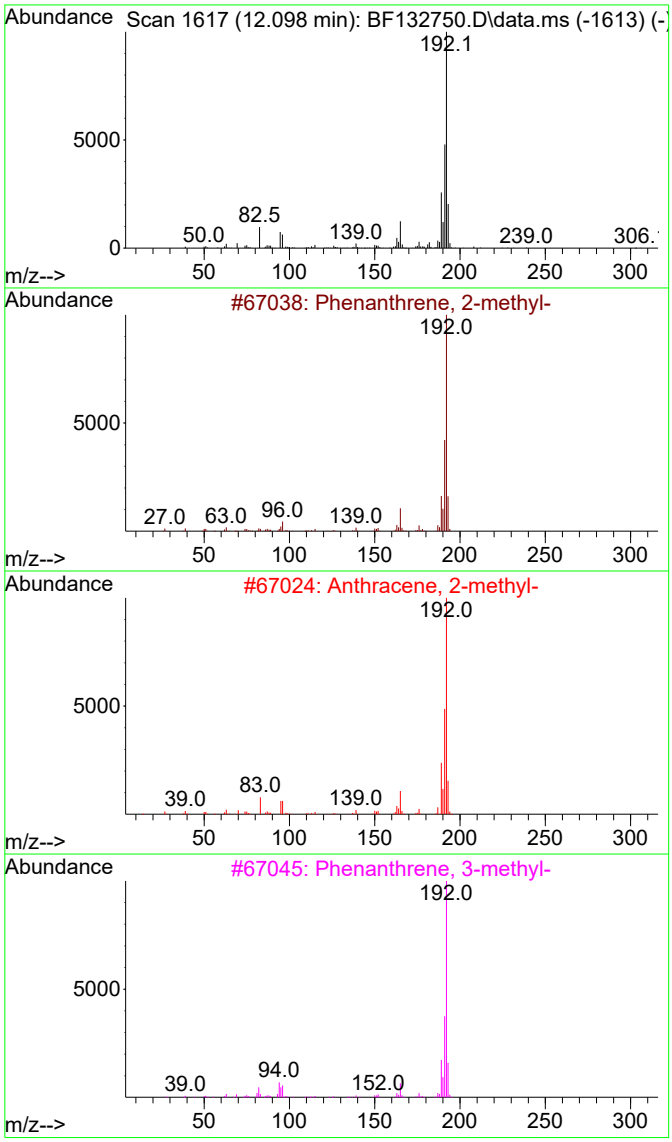
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

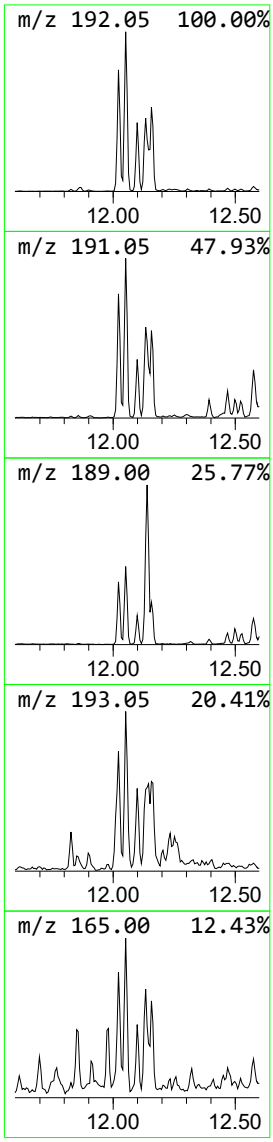
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	3.04 ng	286590	Phenanthrene-d10	11.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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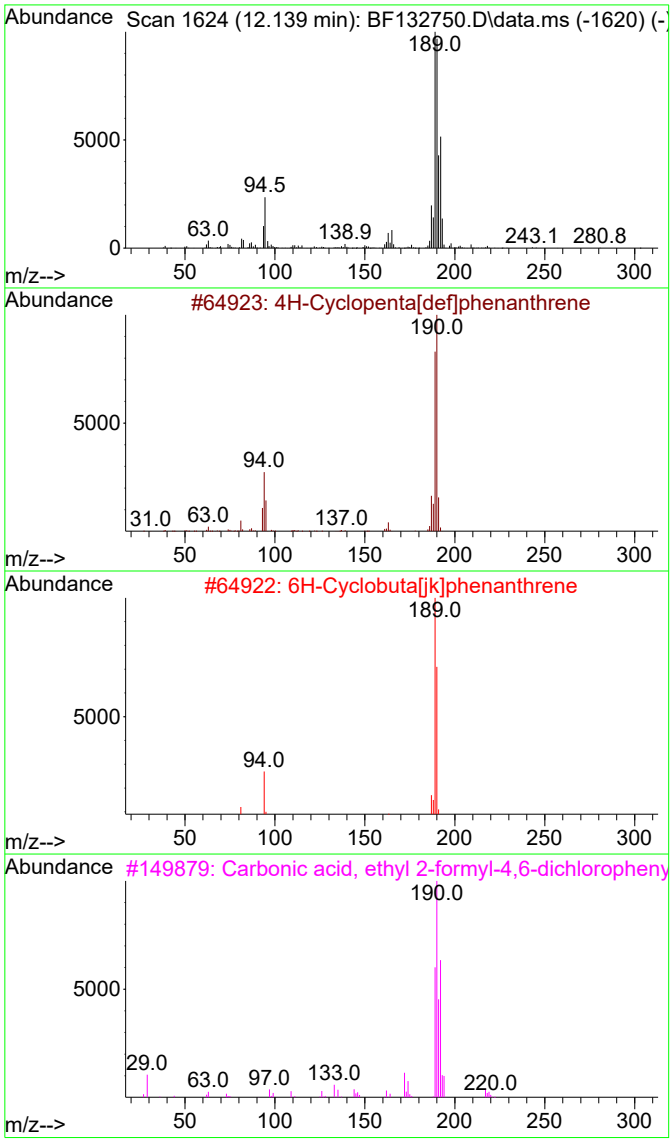
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

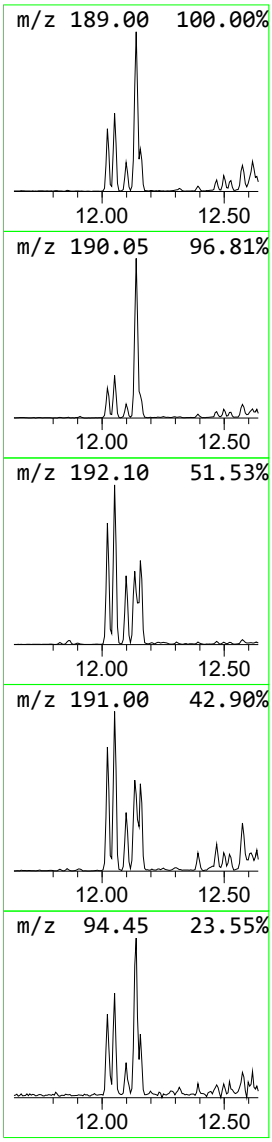
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	9.16 ng	865086	Phenanthrene-d10	11.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	22





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Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

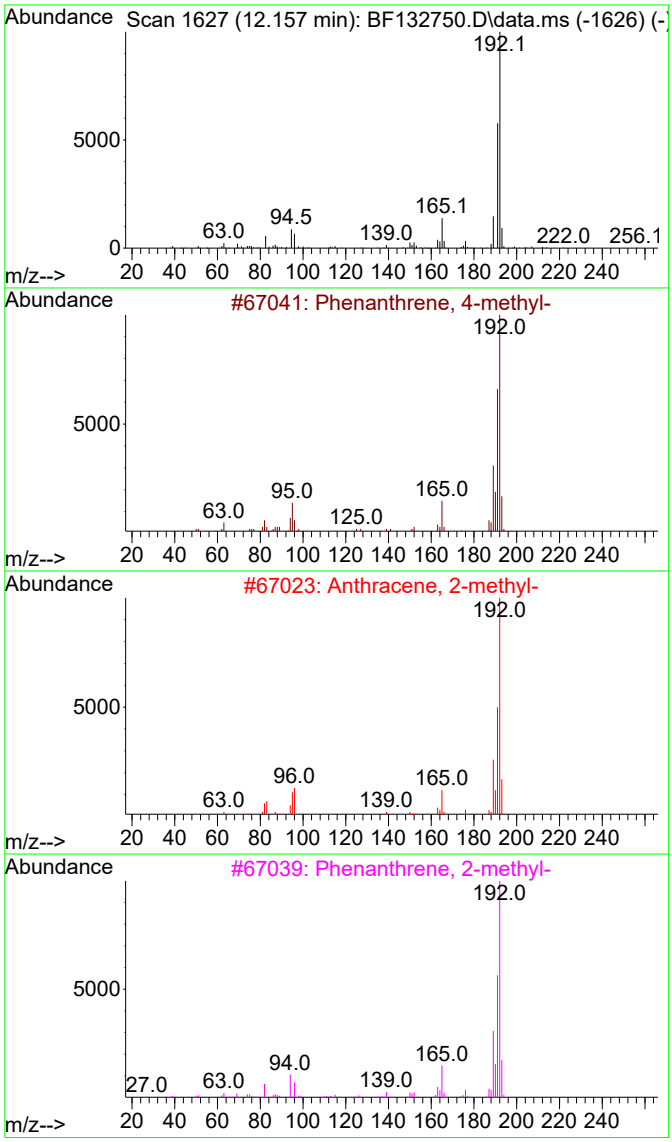
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

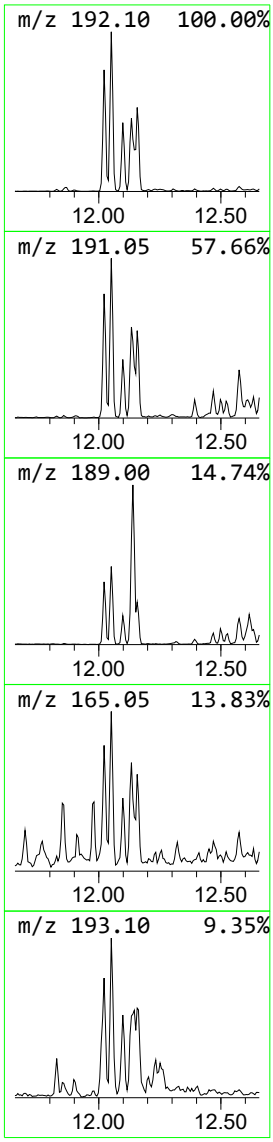
****

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	3.14 ng	296694	Phenanthrene-d10	11.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	74





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

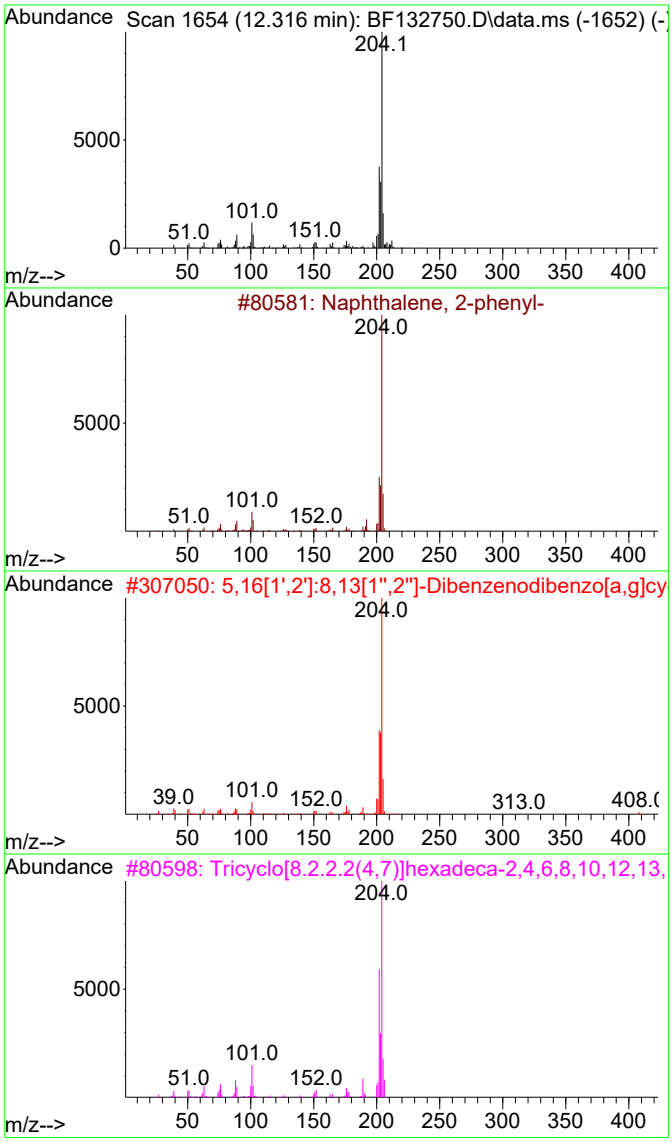
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

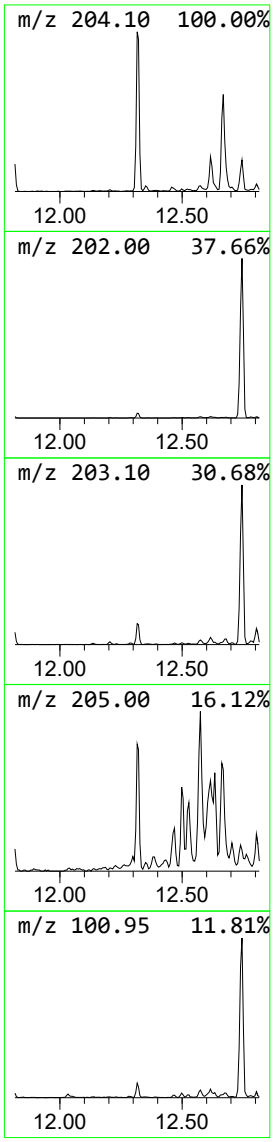
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.316	3.31 ng	312284	Phenanthrene-d10	11.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	Quinoline, 6-methoxy-5-nitro-	204	C10H8N2O3	006623-91-2	52





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Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

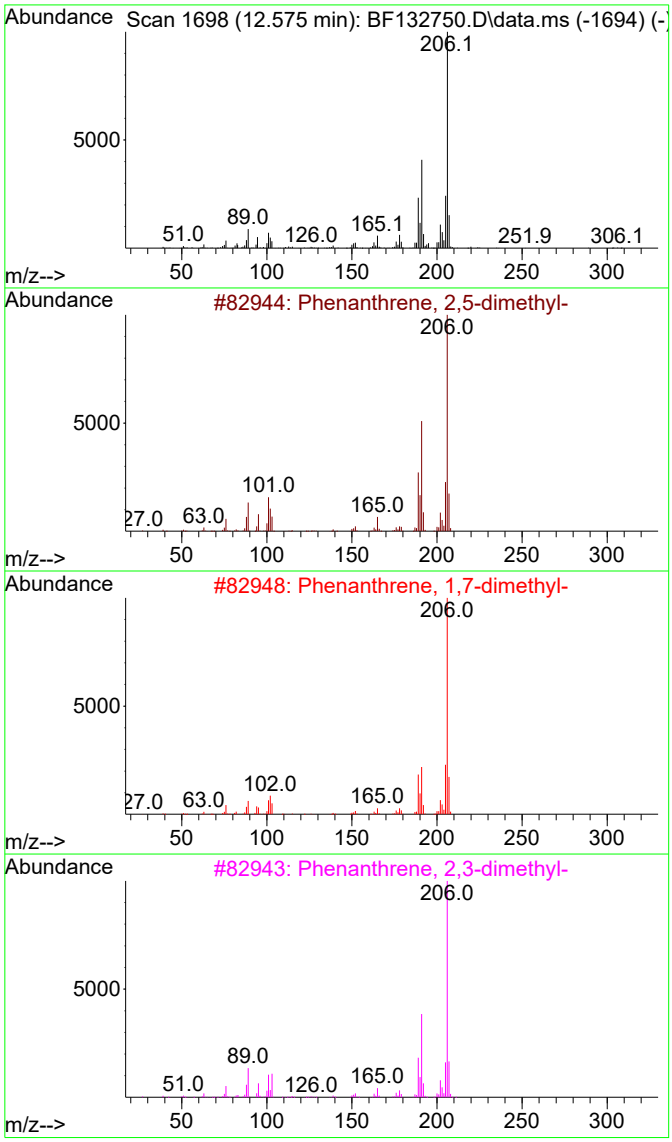
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

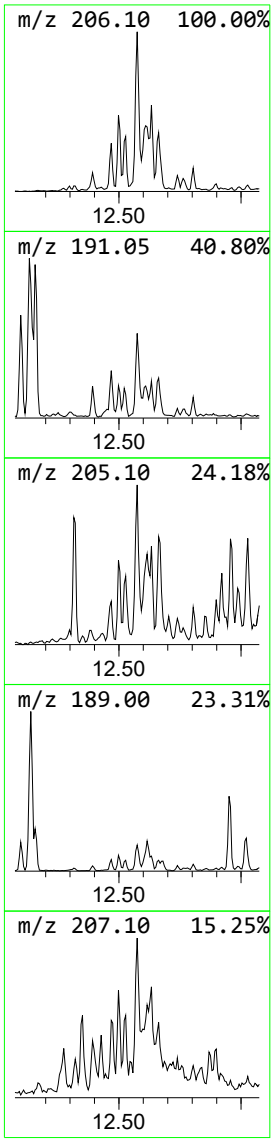
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	4.49 ng	423709	Phenanthrene-d10	11.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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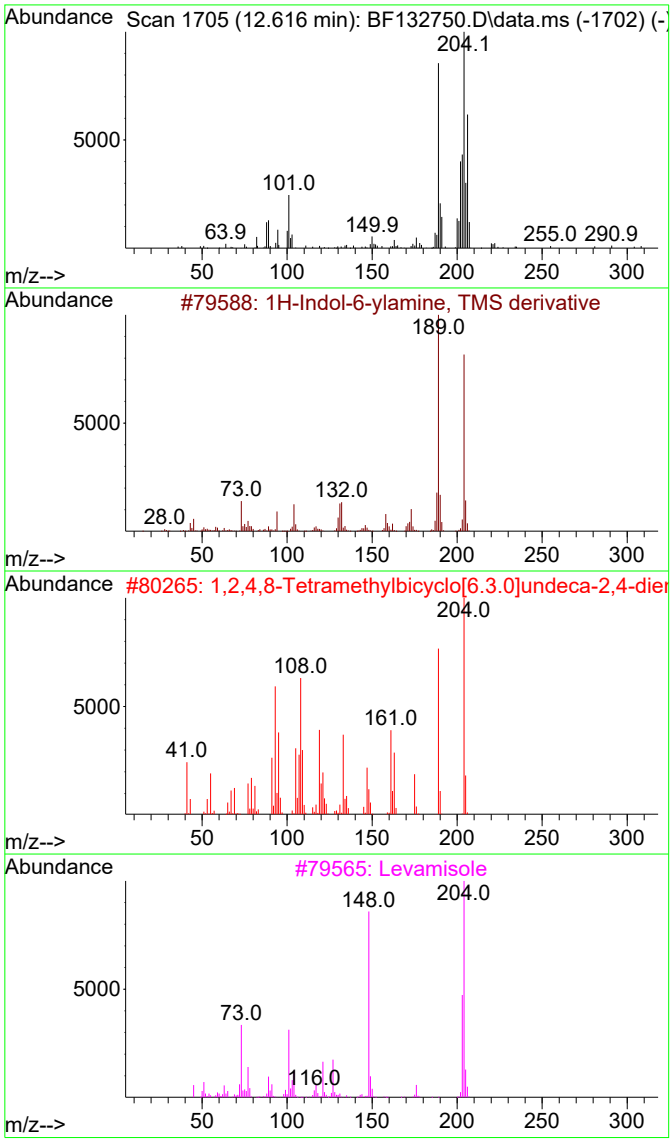
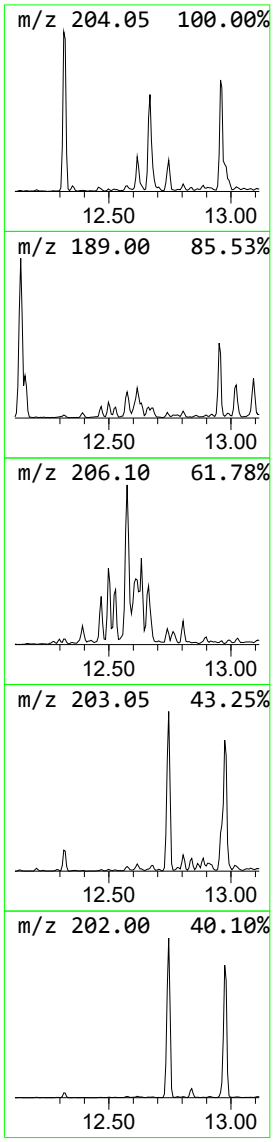
Peak Number 10 unknown12.616 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	3.08 ng	291060	Phenanthrene-d10	11.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	46
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
3	Levamisole	204	C11H12N2S	014769-73-4	38
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	30





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Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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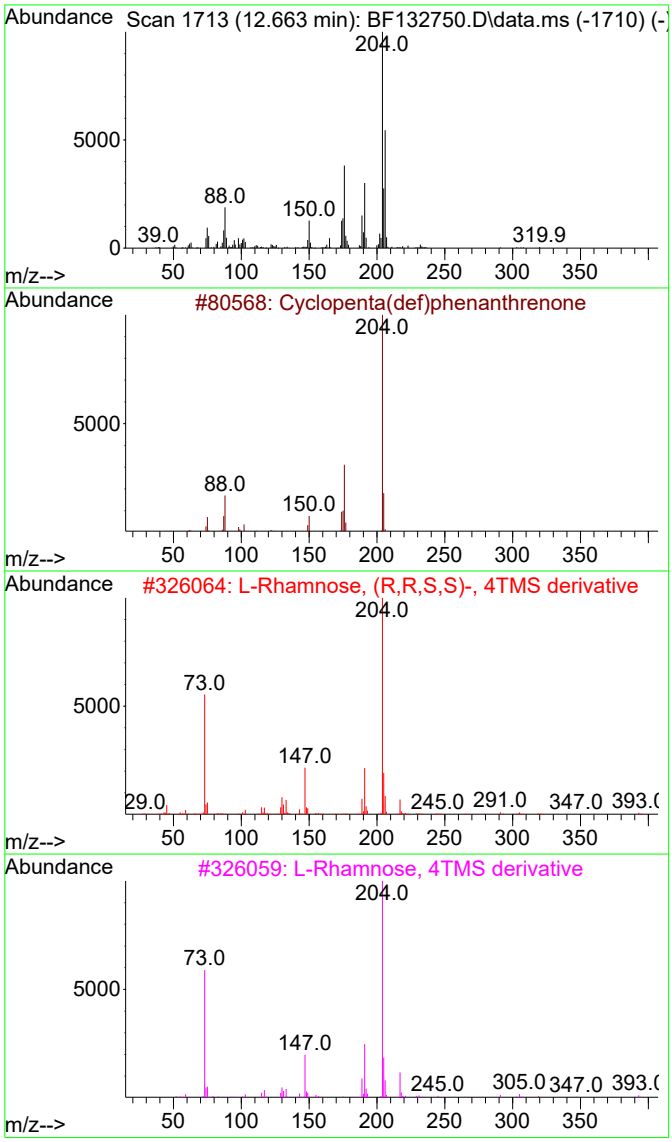
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

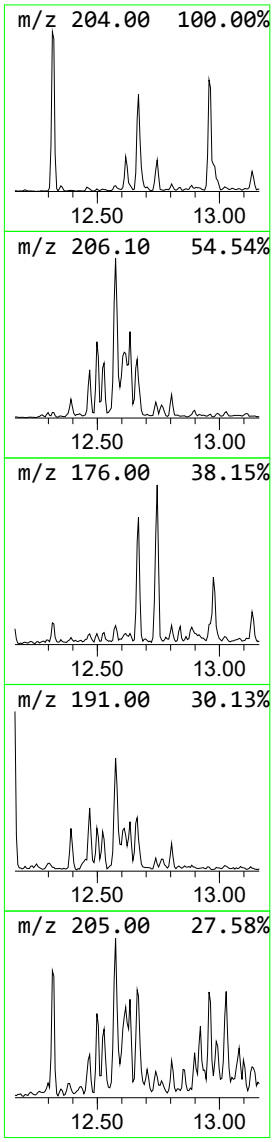
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	4.00 ng	377916	Phenanthrene-d10	11.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
3	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	43
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38





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Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

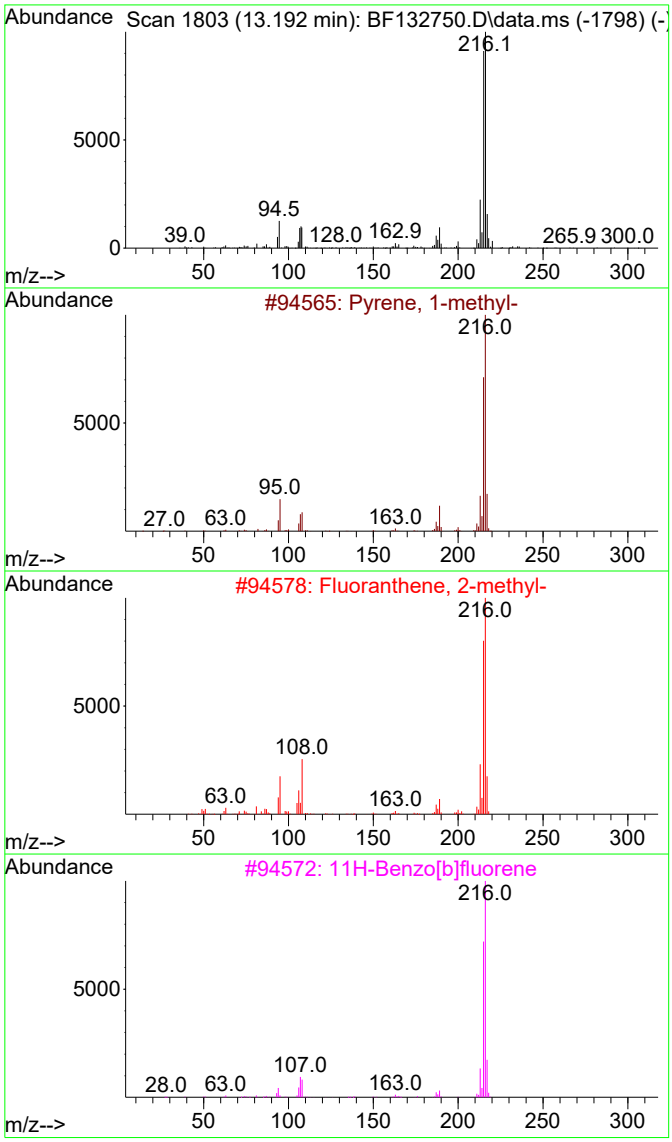
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

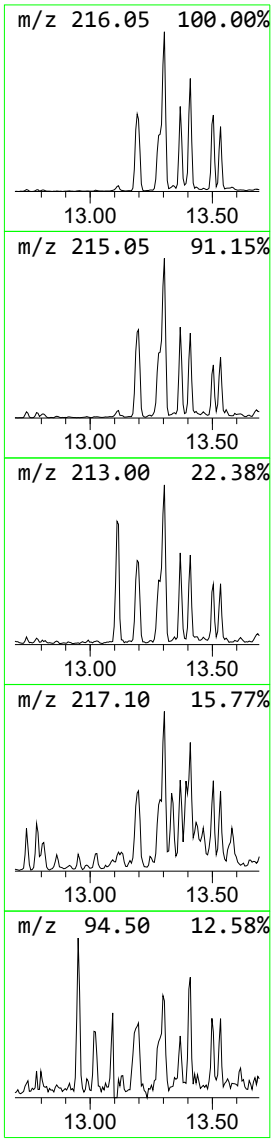
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	4.34 ng	568020	Chrysene-d12	14.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

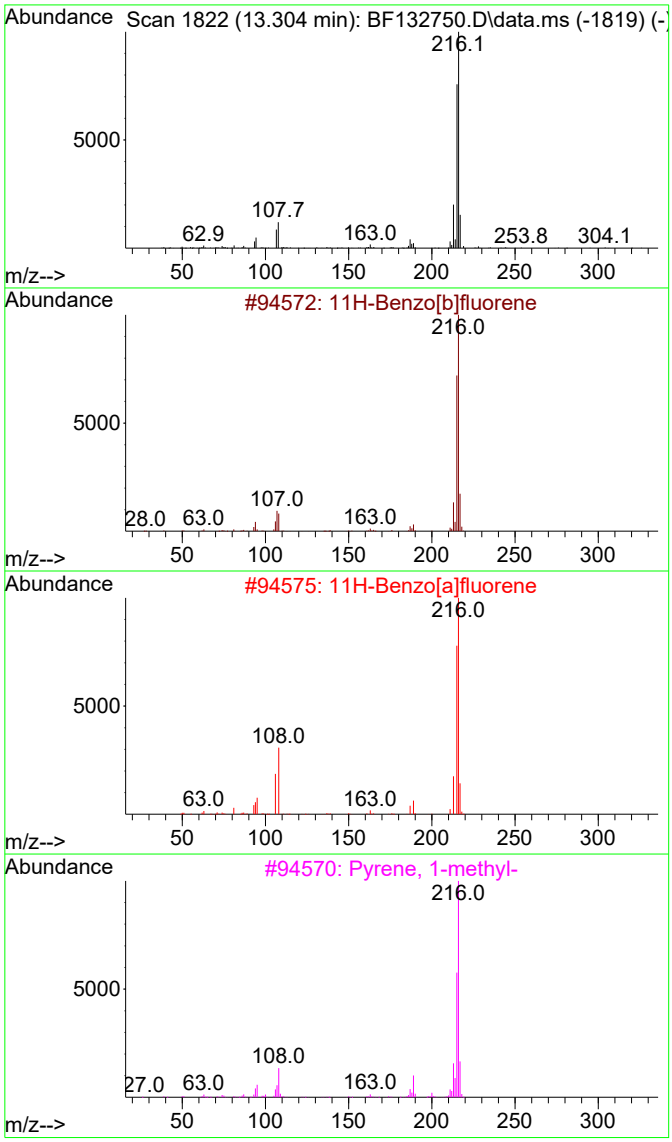
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

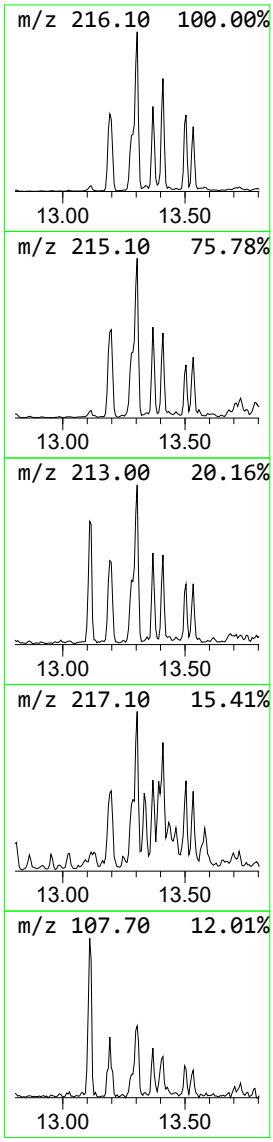
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	3.61 ng	472431	Chrysene-d12	14.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	72





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ALS Vial : 20 Sample Multiplier: 1

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

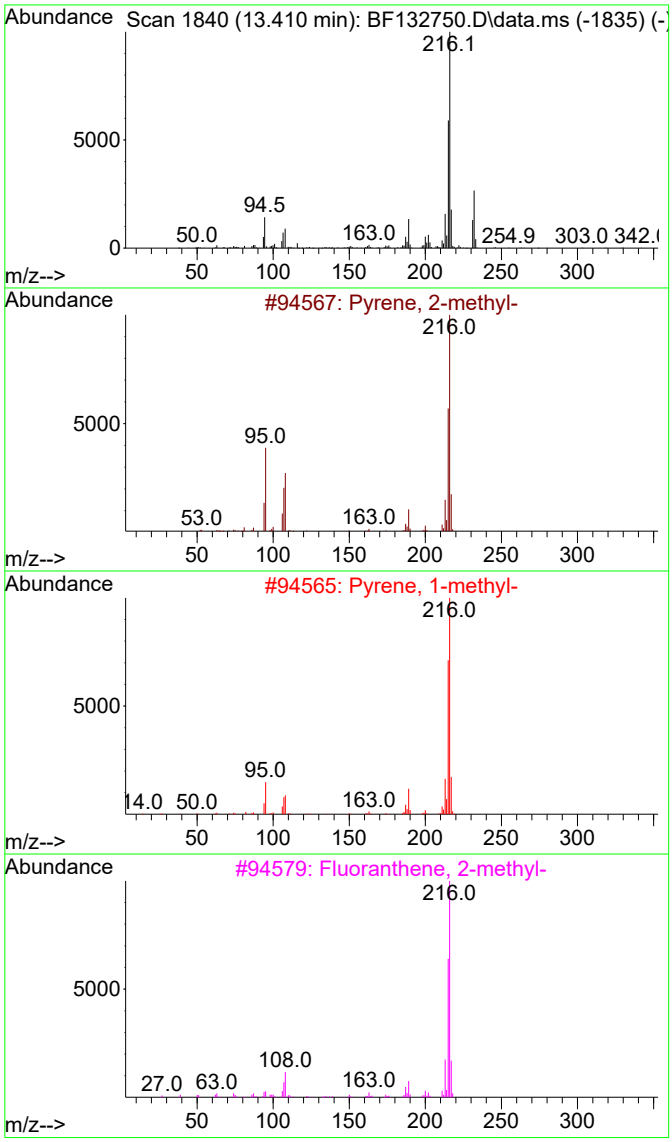
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

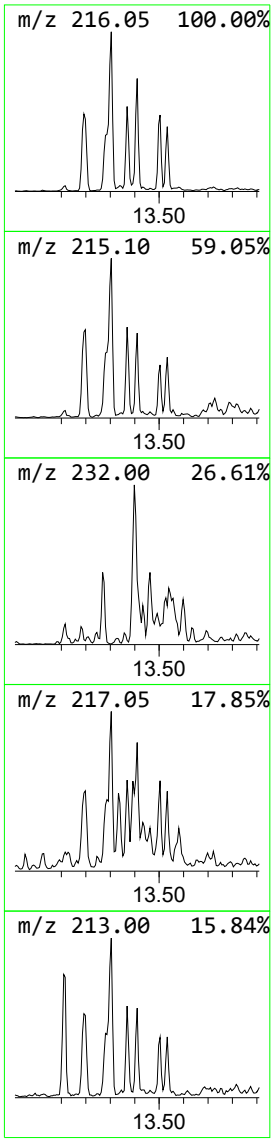
****

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	4.25 ng	555913	Chrysene-d12	14.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





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ALS Vial : 20 Sample Multiplier: 1

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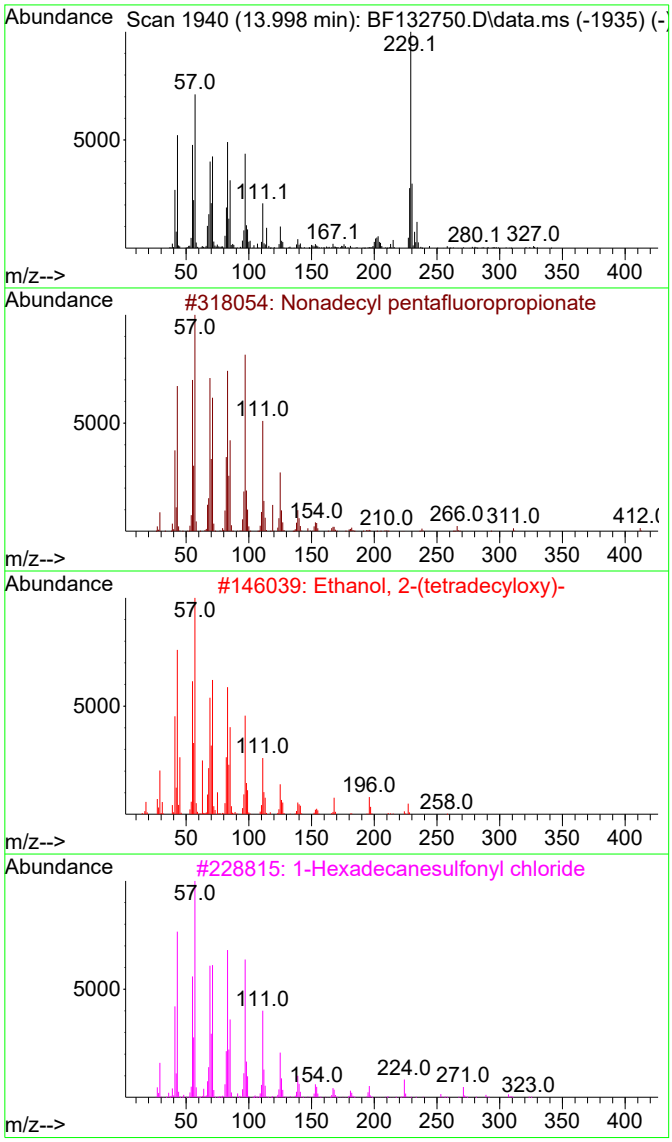
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

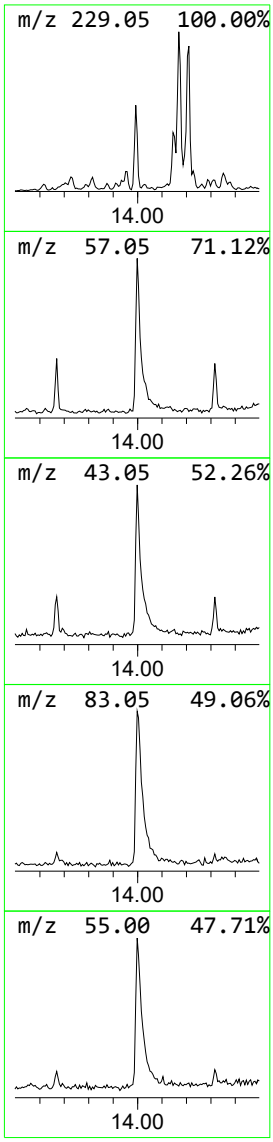
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Nonadecyl pentafluoropropio... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.998	4.91 ng	642511	Chrysene-d12	14.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	50
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	46
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	45
4	Butyl docosyl ether	382	C26H54O	1000406-40-8	45
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	45





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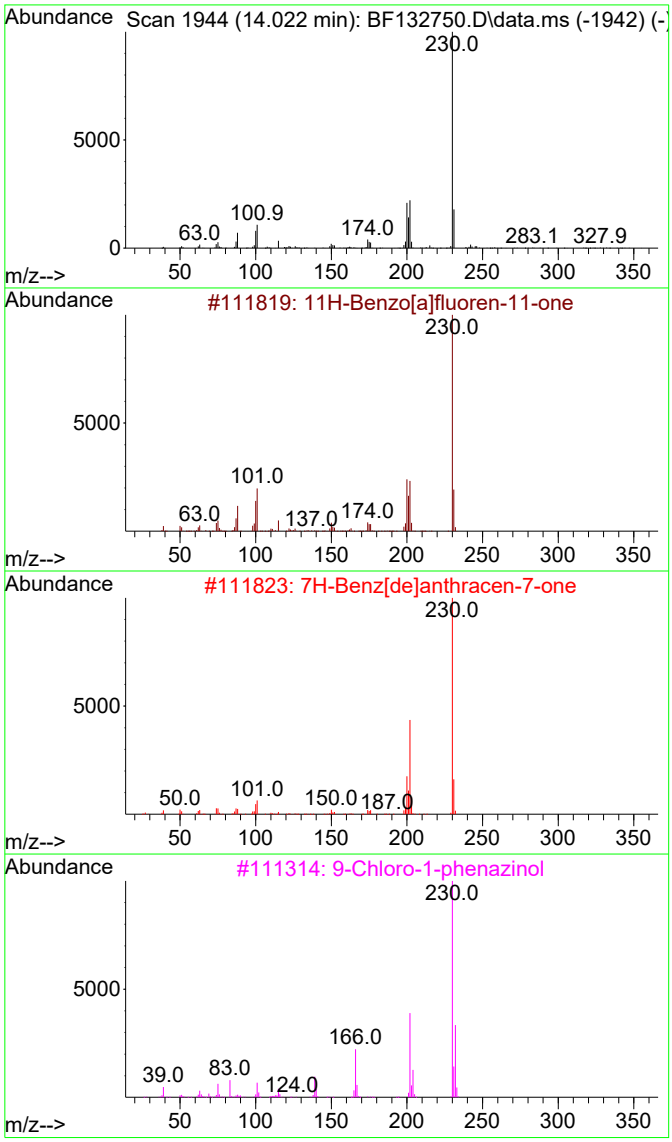
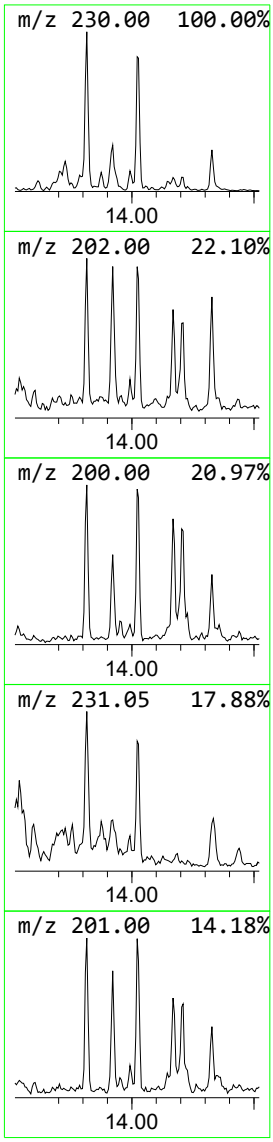
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.022	4.10 ng	537170	Chrysene-d12	14.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	53
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53
5	o-Terphenyl	230	C18H14	000084-15-1	53





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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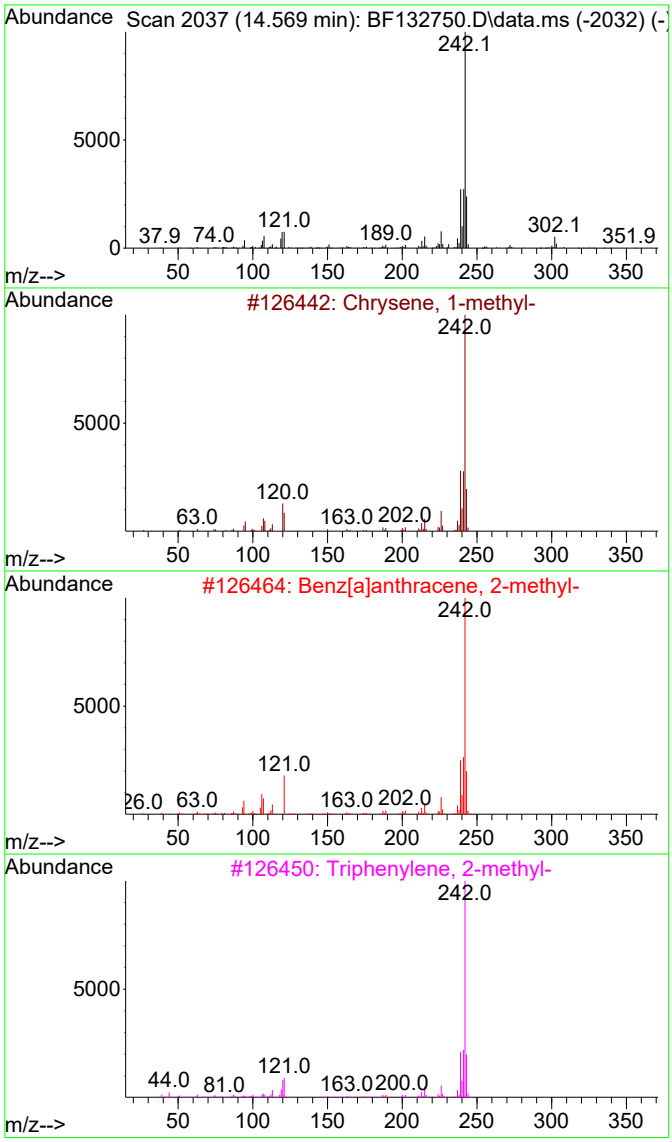
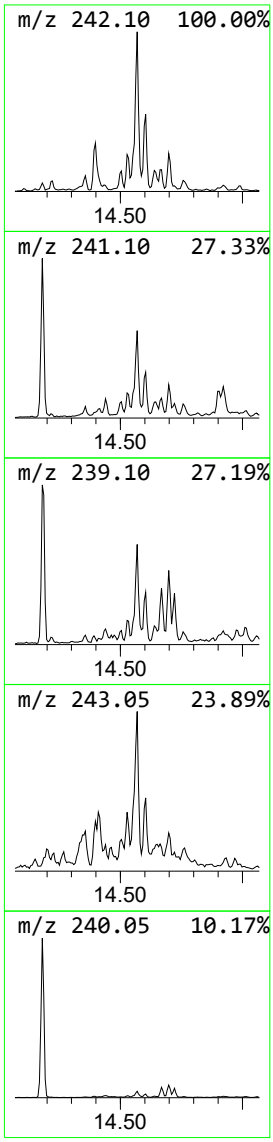
Peak Number 17 Chrysene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.569	3.75 ng	490328	Chrysene-d12	14.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	96
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93





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Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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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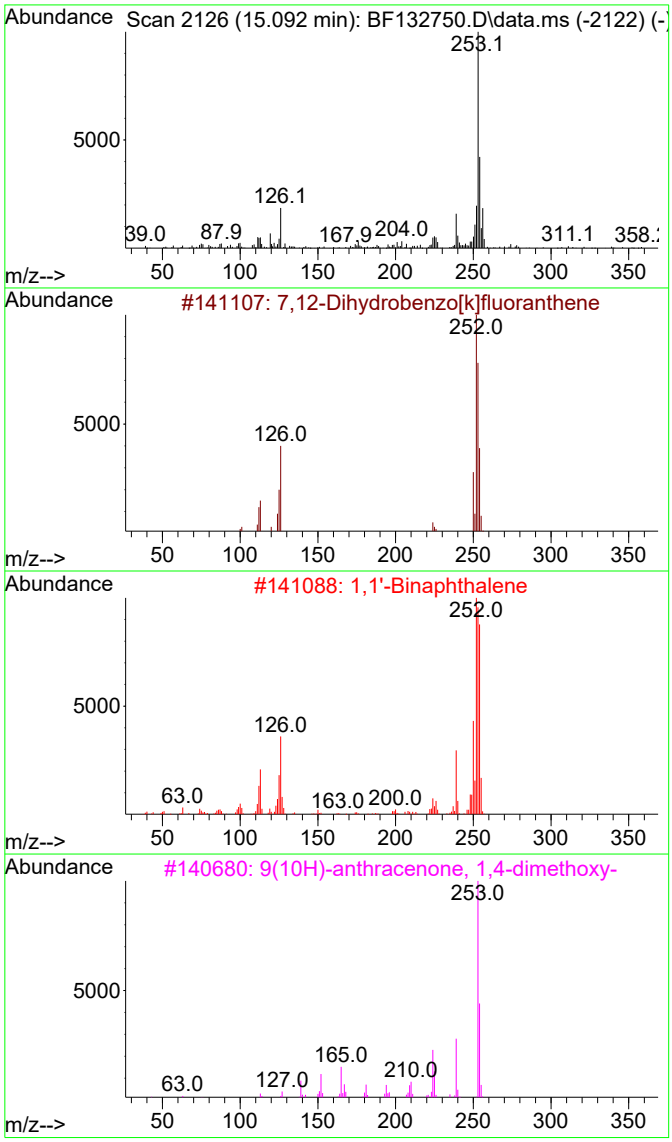
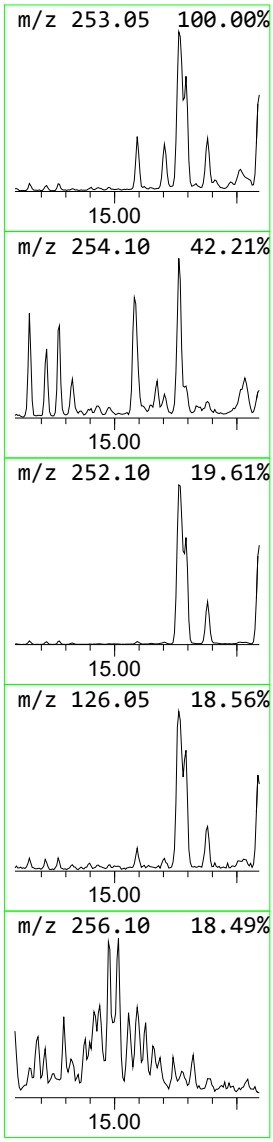
Peak Number 18 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	2.91 ng	191450	Perylene-d12	15.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	68
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	60
3	9(10H)-anthracenone, 1,4-dimethoxy-	254	C16H14O3	1010396-70-2	59
4	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	50
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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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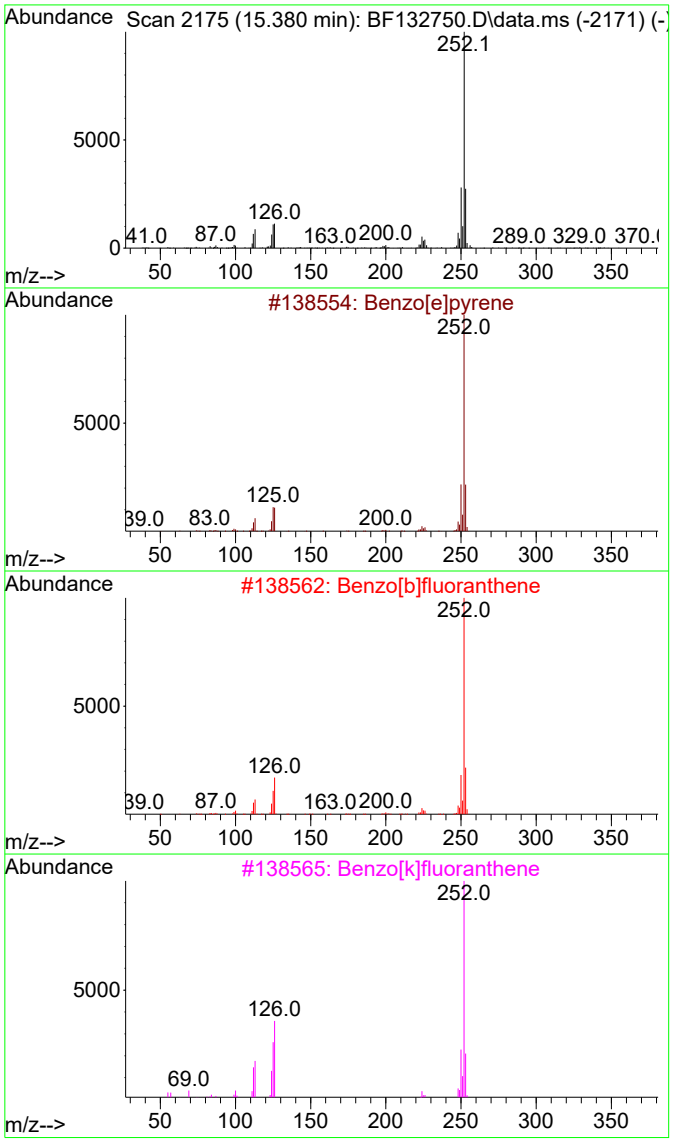
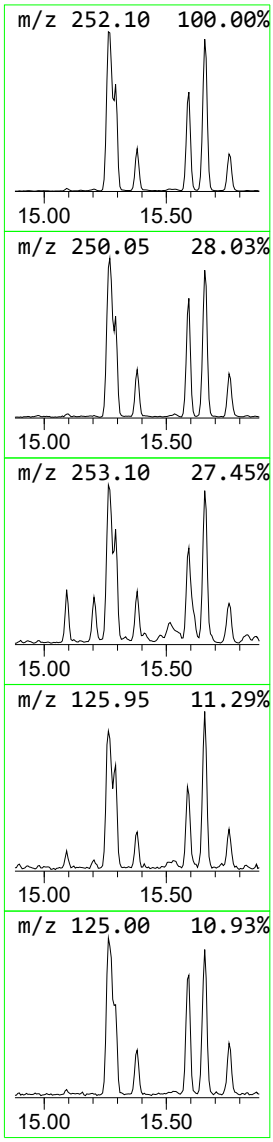
Peak Number 19 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	4.90 ng	322161	Perylene-d12	15.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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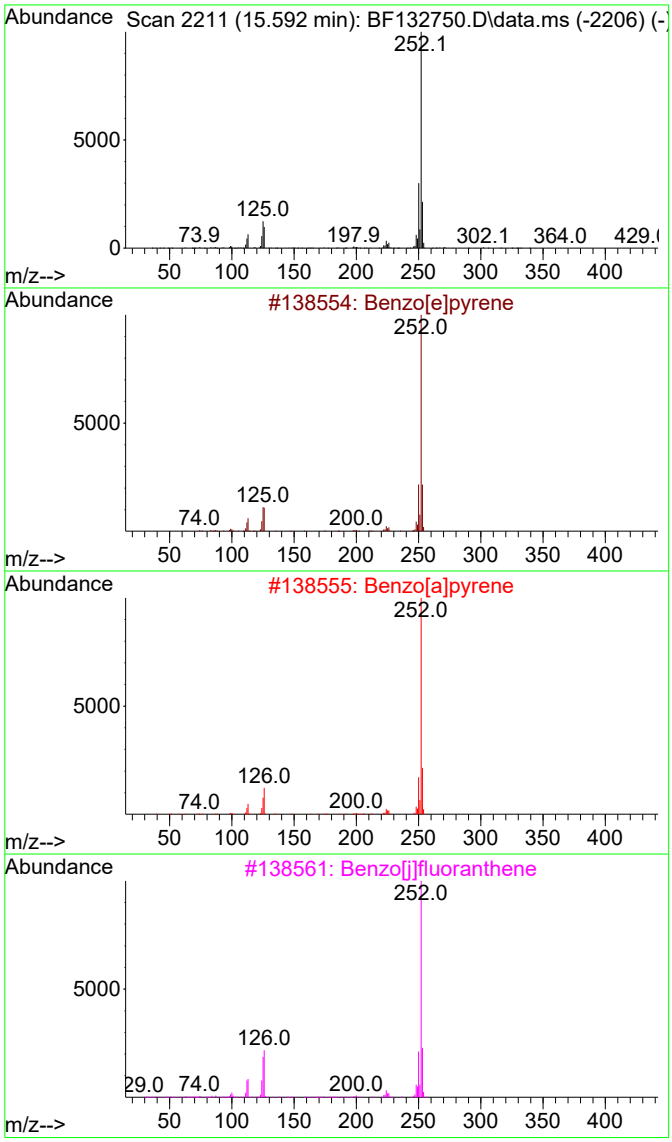
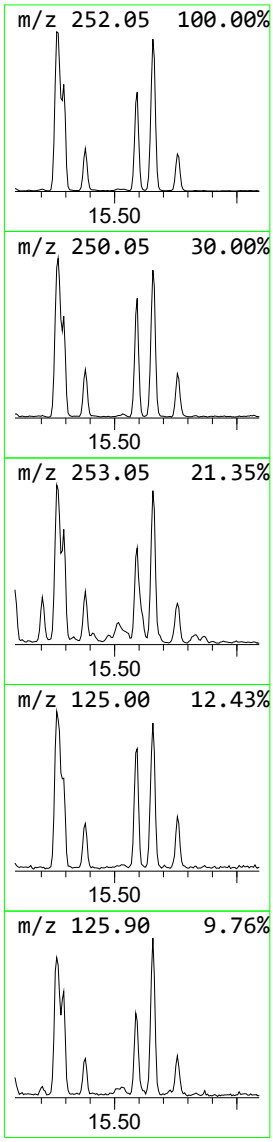
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.592	13.47 ng	885113	Perylene-d12	15.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132750.D
Acq On : 10 Mar 2023 19:47
Operator : CG\JU
Sample : 01846-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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
2-Pentanone, 4-...	5.228	55.2	ng	3356300	1	6.981	1215800	20.0
Benzophenone	10.733	3.8	ng	345564	3	10.022	1805400	20.0
Phenanthrene, 2...	12.022	9.3	ng	879203	4	11.522	1888490	20.0
Phenanthrene, 1...	12.051	7.8	ng	737963	4	11.522	1888490	20.0
Anthracene, 2-m...	12.098	3.0	ng	286590	4	11.522	1888490	20.0
4H-Cyclopenta[d...	12.139	9.2	ng	865086	4	11.522	1888490	20.0
Phenanthrene, 4...	12.157	3.1	ng	296694	4	11.522	1888490	20.0
Naphthalene, 2-...	12.316	3.3	ng	312284	4	11.522	1888490	20.0
Phenanthrene, 2...	12.575	4.5	ng	423709	4	11.522	1888490	20.0
unknown12.616	12.616	3.1	ng	291060	4	11.522	1888490	20.0
Cyclopenta(def)...	12.663	4.0	ng	377916	4	11.522	1888490	20.0
Pyrene, 1-methyl-	13.192	4.3	ng	568020	5	14.180	2617330	20.0
11H-Benzo[b]flu...	13.304	3.6	ng	472431	5	14.180	2617330	20.0
Pyrene, 2-methyl-	13.410	4.3	ng	555913	5	14.180	2617330	20.0
Nonadecyl penta...	13.998	4.9	ng	642511	5	14.180	2617330	20.0
11H-Benzo[a]flu...	14.022	4.1	ng	537170	5	14.180	2617330	20.0
Chrysene, 1-met...	14.569	3.8	ng	490328	5	14.180	2617330	20.0
7,12-Dihydroben...	15.092	2.9	ng	191450	6	15.727	1314310	20.0
Benzo[e]pyrene	15.380	4.9	ng	322161	6	15.727	1314310	20.0
Benzo[j]fluoran...	15.592	13.5	ng	885113	6	15.727	1314310	20.0