LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131938.D
Acq On : 06 Jan 2023 13:15
Operator : CG\JU
Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	35	48	56	rVB	447313	690899	41.93%	2.746%
2	4.993	489	494	504	rVB	476753	575715	34.94%	2.289%
3	5.410	561	565	572	rBV	1370710	1297777	78.77%	5.159%
4	6.434	734	739	742	rBV	1516412	1343957	81.57%	5.342%
5	6.798	797	801	804	rBV	403933	365010	22.15%	1.451%
6	7.369	893	898	901	rBV	1003031	921121	55.91%	3.662%
7	8.087	1016	1020	1023	rBV	574650	450555	27.35%	1.791%
8	8.898	1155	1158	1162	rVB	37761	33055	2.01%	0.131%
9	9.169	1199	1204	1207	rBV	2043762	1647581	100.00%	6.549%
10	9.434	1245	1249	1252	rBV2	17870	23642	1.43%	0.094%
11	9.504	1258	1261	1264	rBV	57666	53640	3.26%	0.213%
12	9.622	1278	1281	1286	rVB	37641	35020	2.13%	0.139%
13	9.710	1293	1296	1299	rVB2	52251	45686	2.77%	0.182%
14	9.845	1313	1319	1322	rBV	578477	534364	32.43%	2.124%
15	9.881	1322	1325	1328	rVB	105537	83275	5.05%	0.331%
16	10.004	1341	1346	1349	rBV2	29931	35827	2.17%	0.142%
17	10.051	1349	1354	1357	rVV2	60256	61718	3.75%	0.245%
18	10.092	1357	1361	1365	rVB	28717	27300	1.66%	0.109%
19	10.163	1370	1373	1376	rBV	32390	31018	1.88%	0.123%
20	10.257	1384	1389	1390	rBV2	29037	33989	2.06%	0.135%
21	10.398	1410	1413	1418	rVB	102495	95592	5.80%	0.380%
22	10.569	1437	1442	1445	rVB	467666	394034	23.92%	1.566%
23	10.645	1451	1455	1458	rBV	954777	870473	52.83%	3.460%
24	10.757	1470	1474	1481	rVB3	97967	121908	7.40%	0.485%
25	10.945	1500	1506	1509	rBV4	43501	76007	4.61%	0.302%
26	10.975	1509	1511	1514	rVV2	41318	41038	2.49%	0.163%
27	11.033	1518	1521	1523	rVB	28339	26504	1.61%	0.105%
28	11.075	1523	1528	1530	rBV3	32776	45918	2.79%	0.183%
29	11.098	1530	1532	1536	rVV2	39665	40482	2.46%	0.161%
30	11.151	1537	1541	1544	rVV	52895	56984	3.46%	0.227%
31	11.198	1544	1549	1553	rVV3	46408	75969	4.61%	0.302%
32	11.239	1553	1556	1560	rVB	66650	69360	4.21%	0.276%
33	11.345	1570	1574	1576	rBV	506619	531394	32.25%	2.112%
34	11.369	1576	1578	1581	rVV	1193389	835700	50.72%	3.322%
35	11.416	1581	1586	1589	rVB	225978	202662	12.30%	0.806%
36	11.451	1589	1592	1595	rBV2	33343	38122	2.31%	0.152%

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.580	1606	1614	1620	rBV2	86936	133821	8.12%	0.532%
38	11.639	1621	1624	1626	rVV2	41736	42749	2.59%	0.170%
39	11.675	1627	1630	1634	rVB3	49592	52620	3.19%	0.209%
40	11.757	1642	1644	1647	rVB	28436	27071	1.64%	0.108%
41	11.804	1649	1652	1654	rBV2	24825	25360	1.54%	0.101%
42	11.845	1656	1659	1661	rVV	234686	188561	11.44%	0.750%
43	11.875	1661	1664	1668	rVB	321061	258116	15.67%	1.026%
44	11.922	1668	1672	1675	rBV	109283	103796	6.30%	0.413%
45	11.957	1675	1678	1681	rBV2	305000	351234	21.32%	1.396%
46	11.980	1681	1682	1685	rVB	177345	104744	6.36%	0.416%
47	12.033	1688	1691	1693	rBV3	25234	34193	2.08%	0.136%
48	12.145	1707	1710	1712	rBV	110969	93055	5.65%	0.370%
49	12.175	1712	1715	1719	rVB	113947	98544	5.98%	0.392%
50	12.292	1733	1735	1738	rVV	70014	63204	3.84%	0.251%
51	12.322	1738	1740	1742	rVV	67996	56555	3.43%	0.225%
52	12.351	1742	1745	1747	rVB	45272	41966	2.55%	0.167%
53	12.398	1750	1753	1756	rBV	163868	175127	10.63%	0.696%
54	12.433	1756	1759	1762	rVV3	95481	136402	8.28%	0.542%
55	12.486	1765	1768	1773	rVV2	97377	120961	7.34%	0.481%
56	12.563	1777	1781	1785	rBV	1288172	1185492	71.95%	4.712%
57	12.604	1785	1788	1790	rVV2	25340	22473	1.36%	0.089%
58	12.627	1790	1792	1795	rVB2	38920	31969	1.94%	0.127%
59	12.798	1814	1821	1826	rBV	1255190	1365981	82.91%	5.430%
60	12.845	1826	1829	1833	rVB2	78276	98105	5.95%	0.390%
61	12.910	1837	1840	1841	rBV3	65993	60124	3.65%	0.239%
62	12.939	1841	1845	1851	rVB	1282250	1281451	77.78%	5.094%
63	13.010	1852	1857	1862	rBV2	128297	210886	12.80%	0.838%
64	13.098	1869	1872	1874	rBV3	95784	122727	7.45%	0.488%
65	13.122	1874	1876	1879	rVB	216262	180479	10.95%	0.717%
66	13.163	1879	1883	1885	rBV4	32467	42855	2.60%	0.170%
67	13.186	1885	1887	1890	rBV	122060	107364	6.52%	0.427%
68	13.227	1890	1894	1897	rVV2	163795	175792	10.67%	0.699%
69	13.322	1907	1910	1912	rVB	94184	80546	4.89%	0.320%
70	13.351	1912	1915	1918	rBV	100434	99608	6.05%	0.396%
71	13.510	1938	1942	1946	rBV5	40714	83573	5.07%	0.332%
72	13.604	1956	1958	1961	rBV3	34674	45895	2.79%	0.182%
73	13.633	1961	1963	1967	rVB	124115	118643	7.20%	0.472%
74	13.745	1979	1982	1984	rBV2	102888	97982	5.95%	0.389%
75	13.774	1984	1987	1989	rVV	105354	89509	5.43%	0.356%
76	13.798	1989	1991	1992	rVV	71398	56270	3.42%	0.224%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131938.D
Acq On : 06 Jan 2023 13:15
Operator : CG\JU
Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.839	1995	1998	2003	rVB3	187283	244606	14.85%	0.972%
78	13.992	2017	2024	2028	rBV2	814160	1260545	76.51%	5.011%
79	14.027	2028	2030	2037	rVB	649147	540512	32.81%	2.149%
80	14.080	2037	2039	2041	rBV2	26858	28910	1.75%	0.115%
81	14.104	2041	2043	2045	rVB	84151	56767	3.45%	0.226%
82	14.145	2048	2050	2051	rBV	28757	22849	1.39%	0.091%
83	14.227	2062	2064	2067	rVB	53951	47645	2.89%	0.189%
84	14.316	2077	2079	2082	rBV2	28982	27091	1.64%	0.108%
85	14.351	2082	2085	2087	rVV2	47762	53260	3.23%	0.212%
86	14.386	2087	2091	2094	rVV	185744	195475	11.86%	0.777%
87	14.421	2094	2097	2100	rVV	81895	84619	5.14%	0.336%
88	14.480	2101	2107	2110	rVV5	73773	129029	7.83%	0.513%
89	14.510	2110	2112	2114	rVV	83912	75624	4.59%	0.301%
90	14.533	2114	2116	2118	rVB	57566	45783	2.78%	0.182%
91	14.704	2142	2145	2147	rBV	42316	42790	2.60%	0.170%
92	15.045	2198	2203	2206	rBV	495616	744673	45.20%	2.960%
93	15.151	2218	2221	2225	rBV	109323	114581	6.95%	0.455%
94	15.351	2251	2255	2261	rVB	275440	350897	21.30%	1.395%
95	15.416	2261	2266	2271	rVB	439323	539179	32.73%	2.143%
96	15.474	2272	2276	2279	rVV	281232	363927	22.09%	1.447%
97	15.504	2279	2281	2288	rVB2	118905	159321	9.67%	0.633%
98	16.945	2520	2526	2534	rVB2	147339	296234	17.98%	1.178%
99	17.121	2553	2556	2561	rBV	23256	35253	2.14%	0.140%
100	17.392	2596	2602	2612	rVB	102758	217876	13.22%	0.866%

Sum of corrected areas: 25156545

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Data File : BF131938.D
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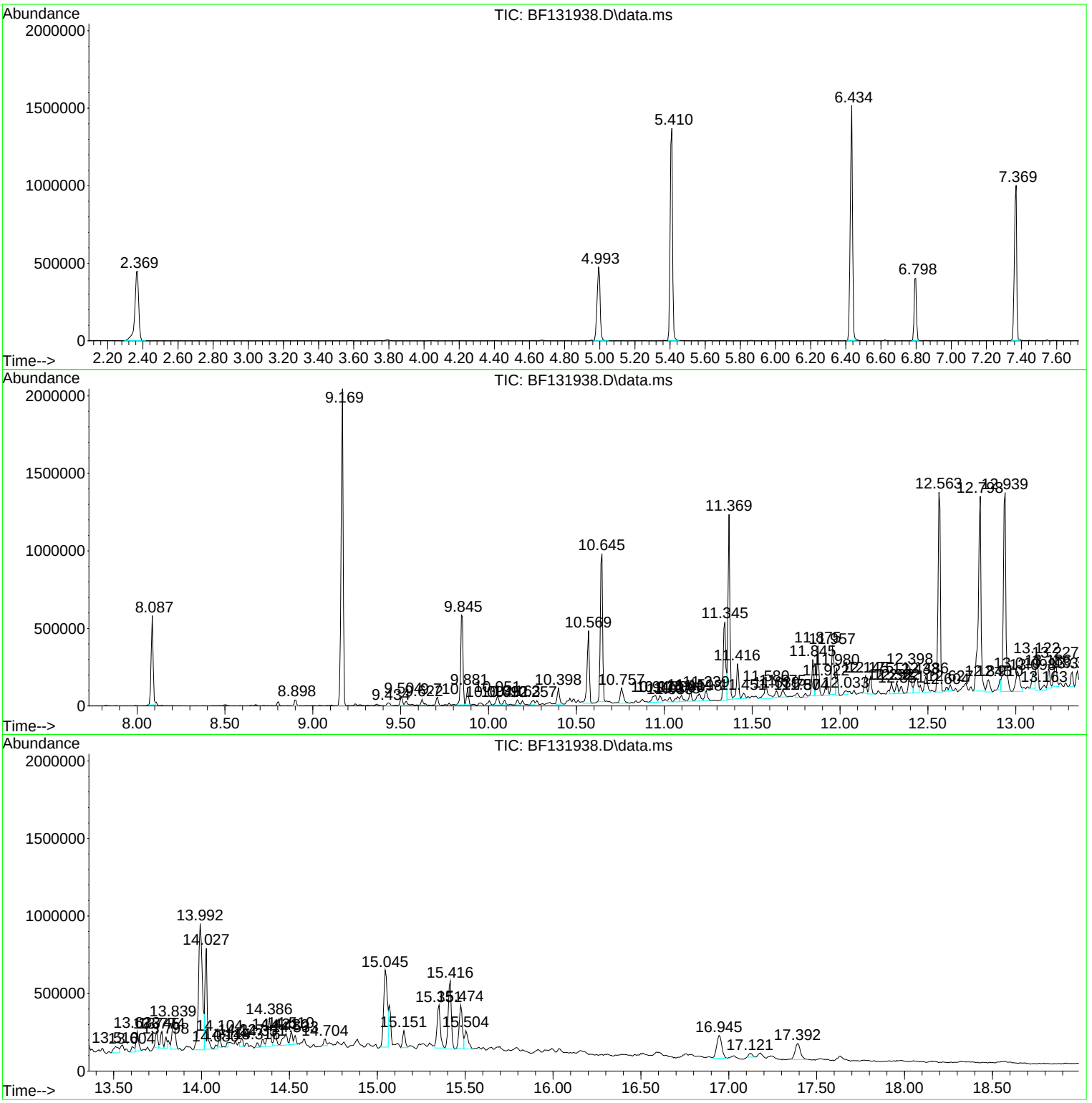
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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\BF010623\
Data File : BF131938.D
Acq On : 06 Jan 2023 13:15
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

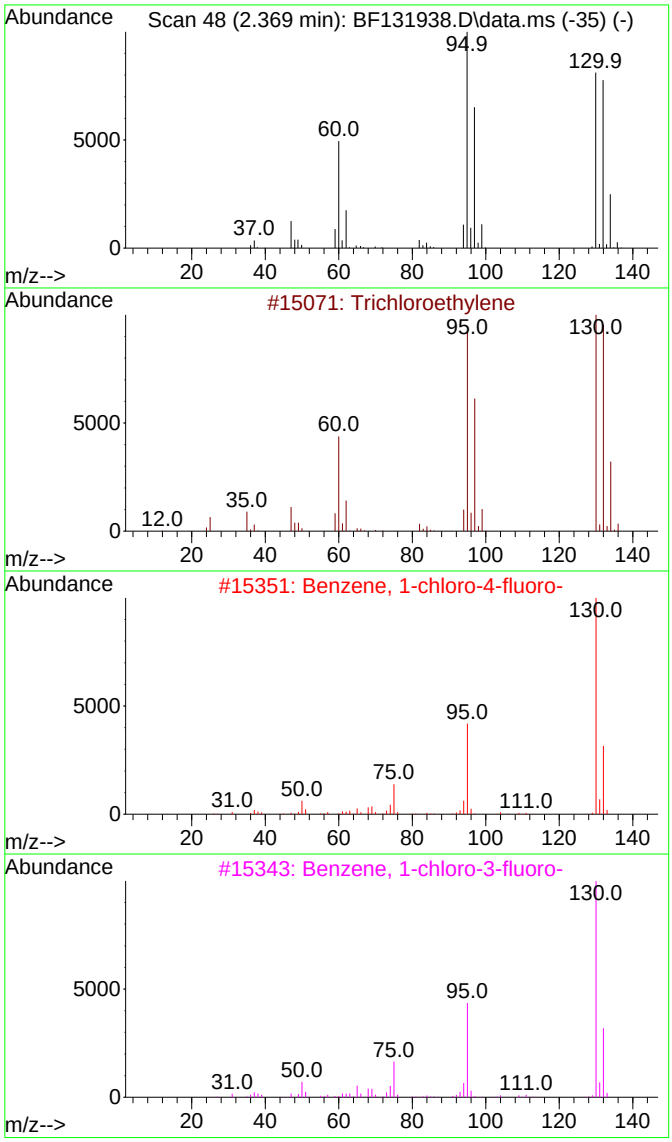
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

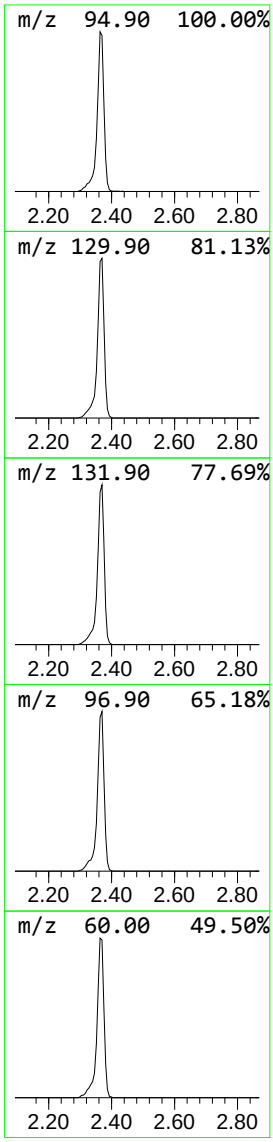
****

Peak Number 1 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.369	37.86 ng	690899	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	98
2	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	35
3	Benzene, 1-chloro-3-fluoro-	130	C6H4ClF	000625-98-9	25
4	2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	25
5	Benzene, 1-chloro-2-fluoro-	130	C6H4ClF	000348-51-6	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131938.D
Acq On : 06 Jan 2023 13:15
Operator : CG\JU
Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

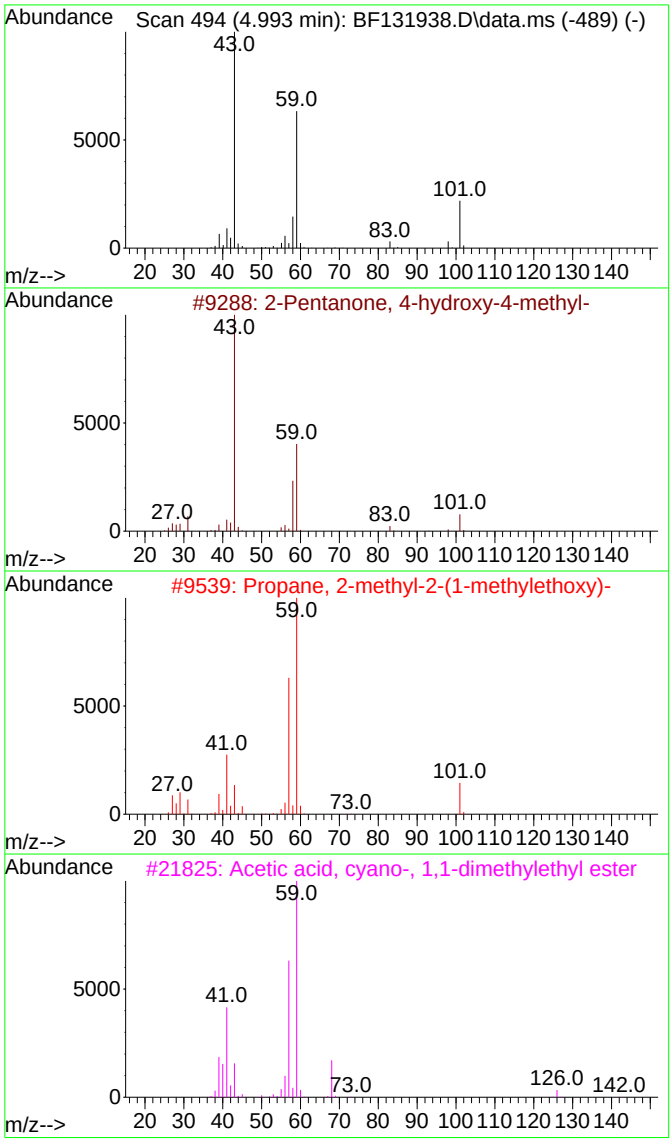
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

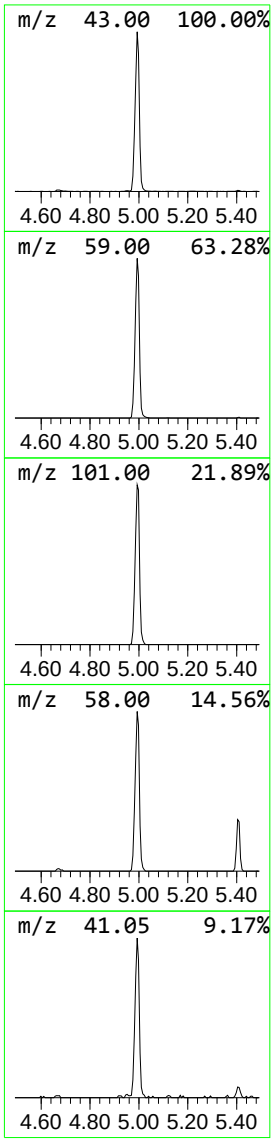
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.993	31.55 ng	575715	1,4-Dichlorobenzene-d4	6.798

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	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Acq On : 06 Jan 2023 13:15
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Sample : N6243-05
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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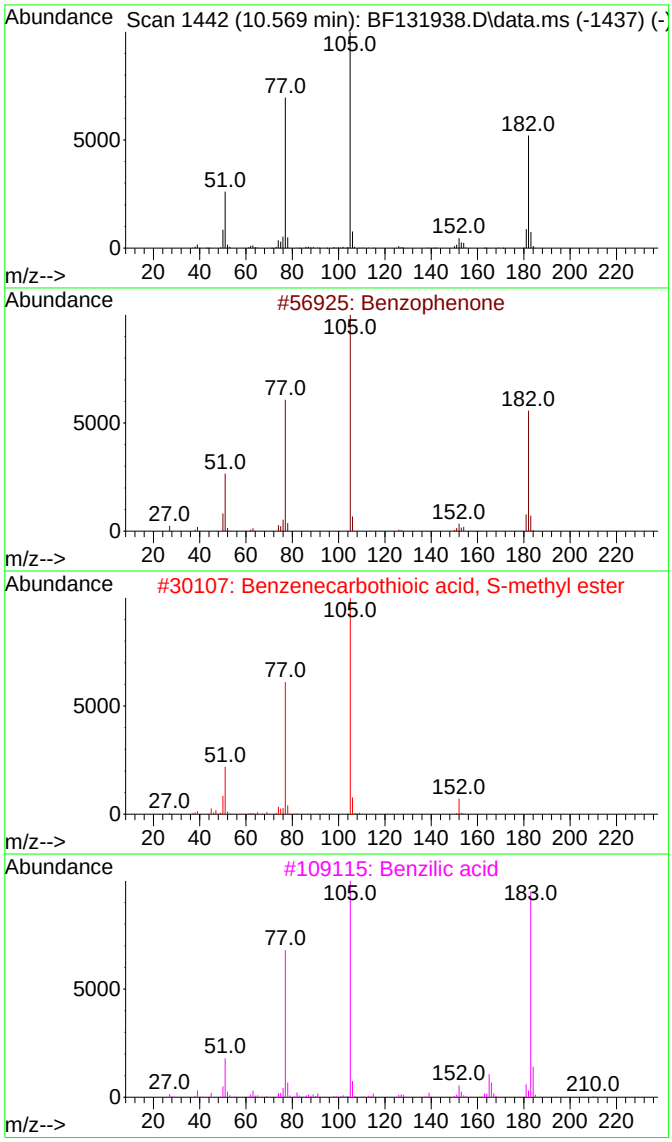
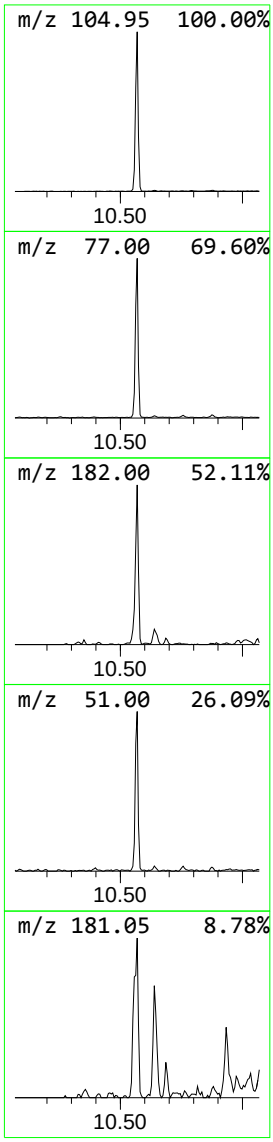
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	14.75 ng	394034	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	Benzilic acid	228	C14H12O3	000076-93-7	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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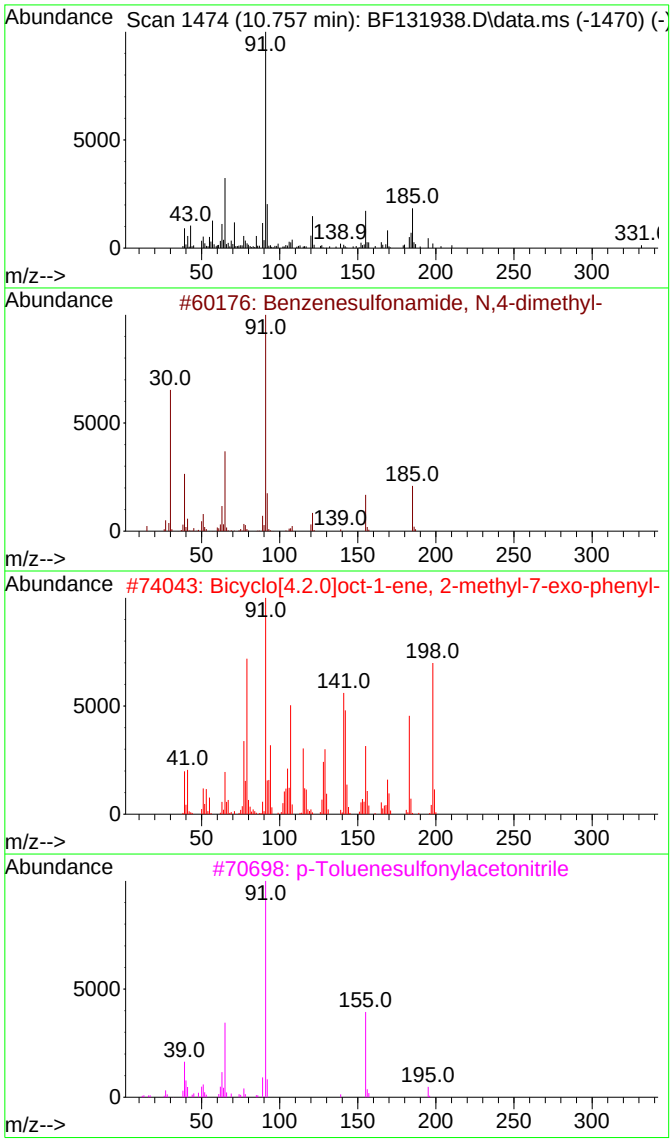
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

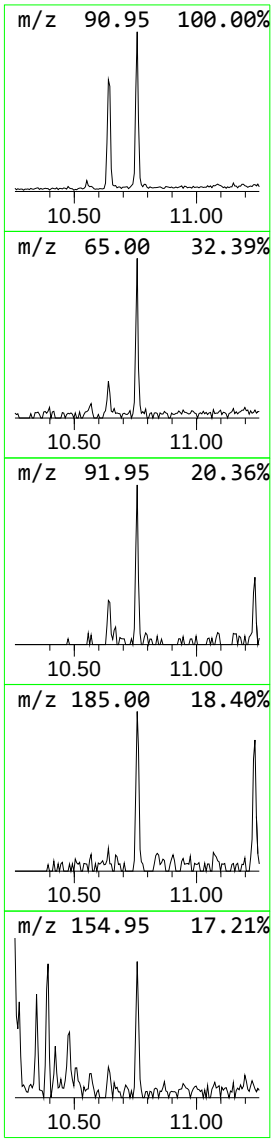
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzenesulfonamide, N,4-dim... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	4.59 ng	121908	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	94
2	Bicyclo[4.2.0]oct-1-ene, 2-methy...	198	C15H18	1000142-22-8	91
3	p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	50
4	p-Toluenesulfonamide, N-trifluor...	267	C9H8F3NO3S	1000452-18-6	47
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131938.D
Acq On : 06 Jan 2023 13:15
Operator : CG\JU
Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

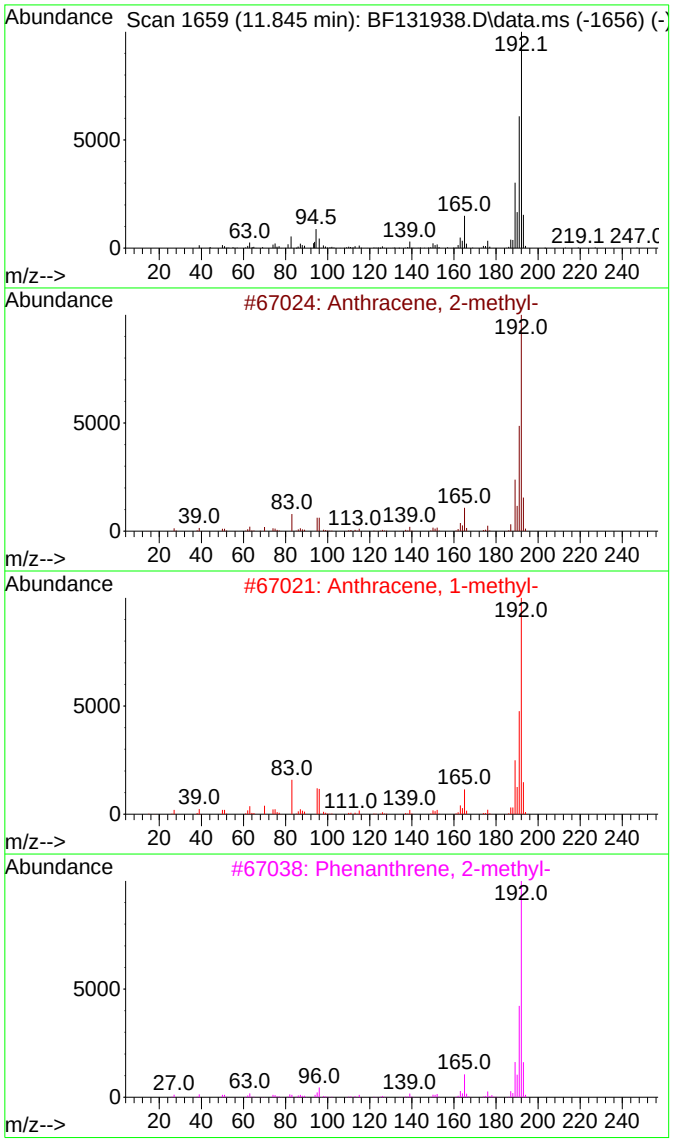
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

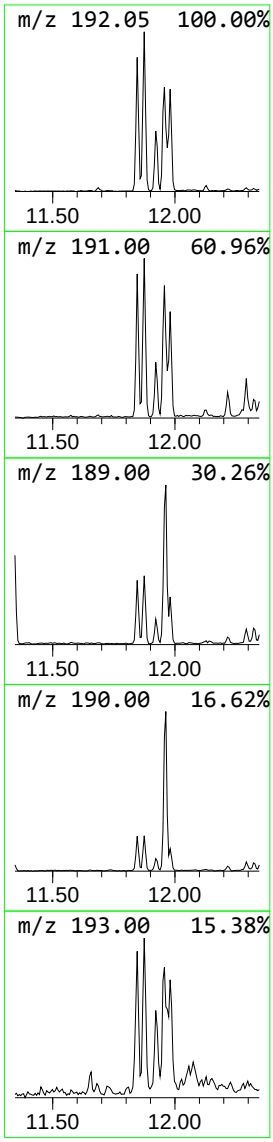
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	7.10 ng	188561	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Acq On : 06 Jan 2023 13:15
Operator : CG\JU
Sample : N6243-05
Misc :
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Instrument :
BNA_F
ClientSampleId :
PE-5

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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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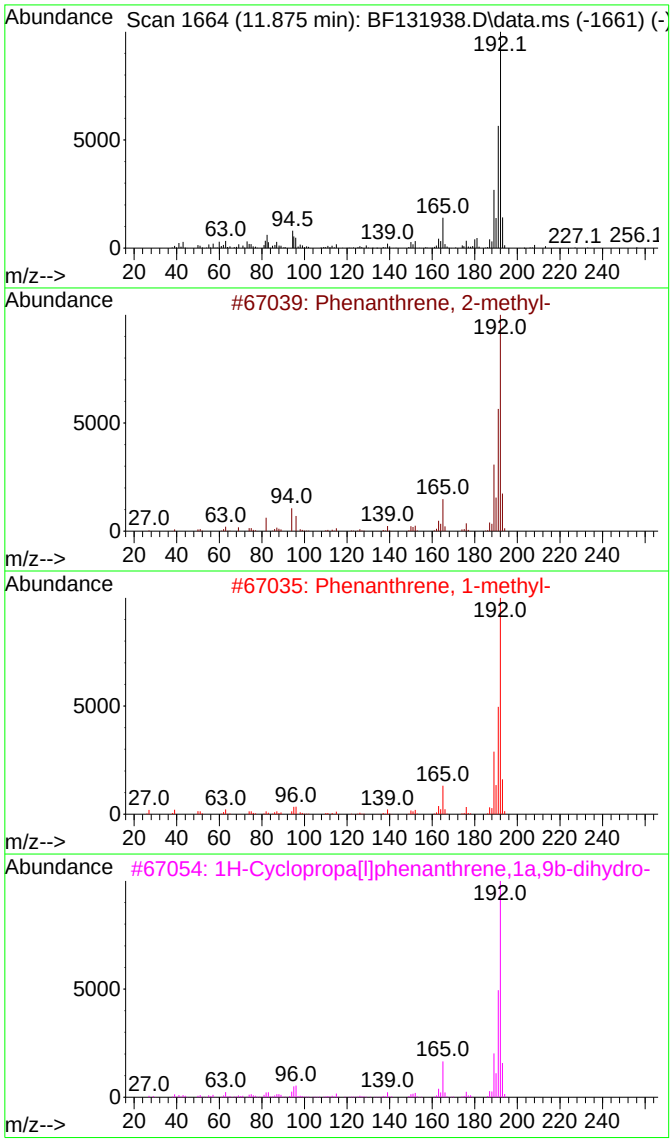
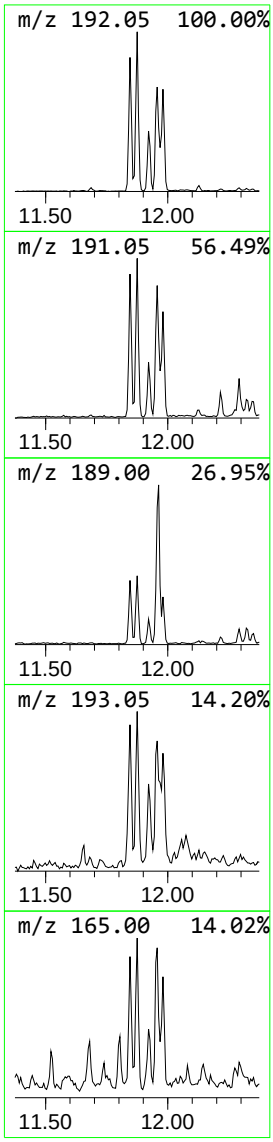
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.875	9.71 ng	258116	Phenanthrene-d10	11.345

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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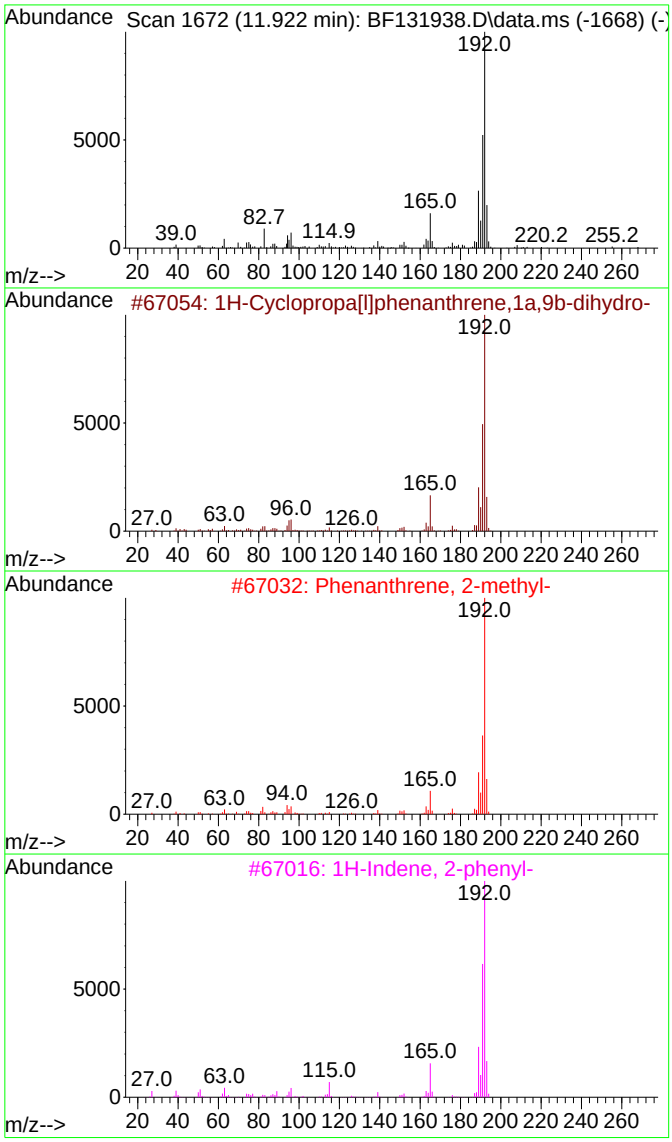
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

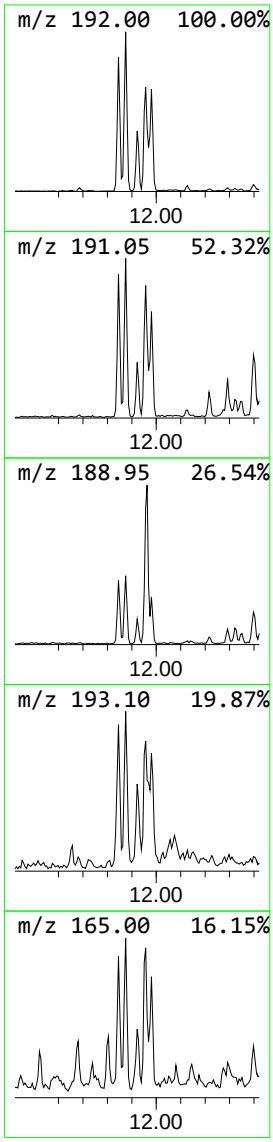
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	3.91 ng	103796	Phenanthrene-d10	11.345

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	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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

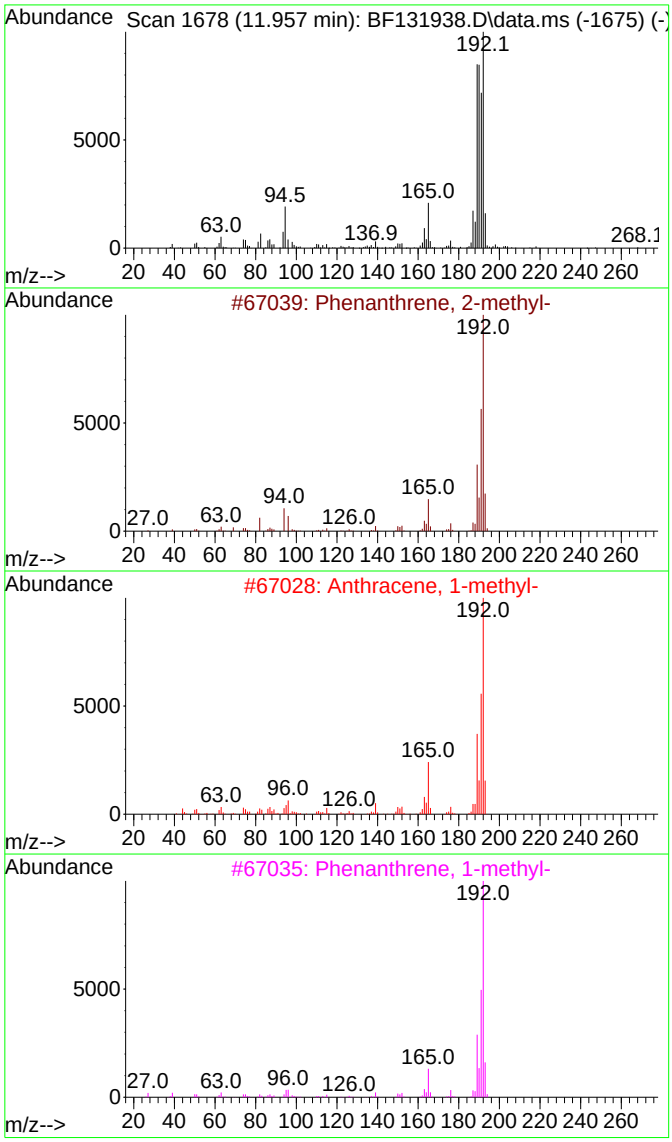
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

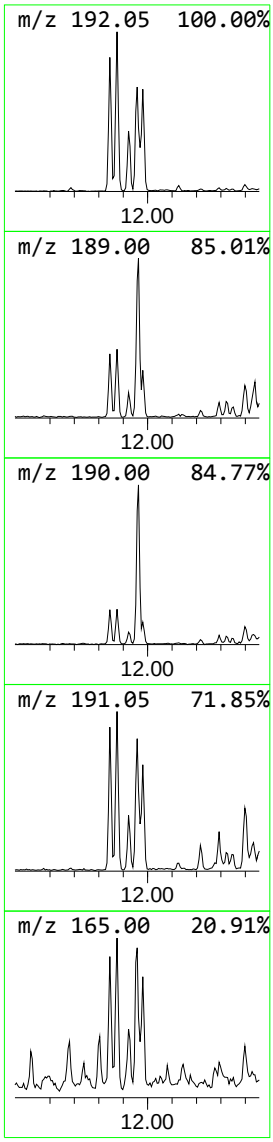
****

Peak Number 8 unknown11.957 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	13.22 ng	351234	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





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Operator : CG\JU
Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

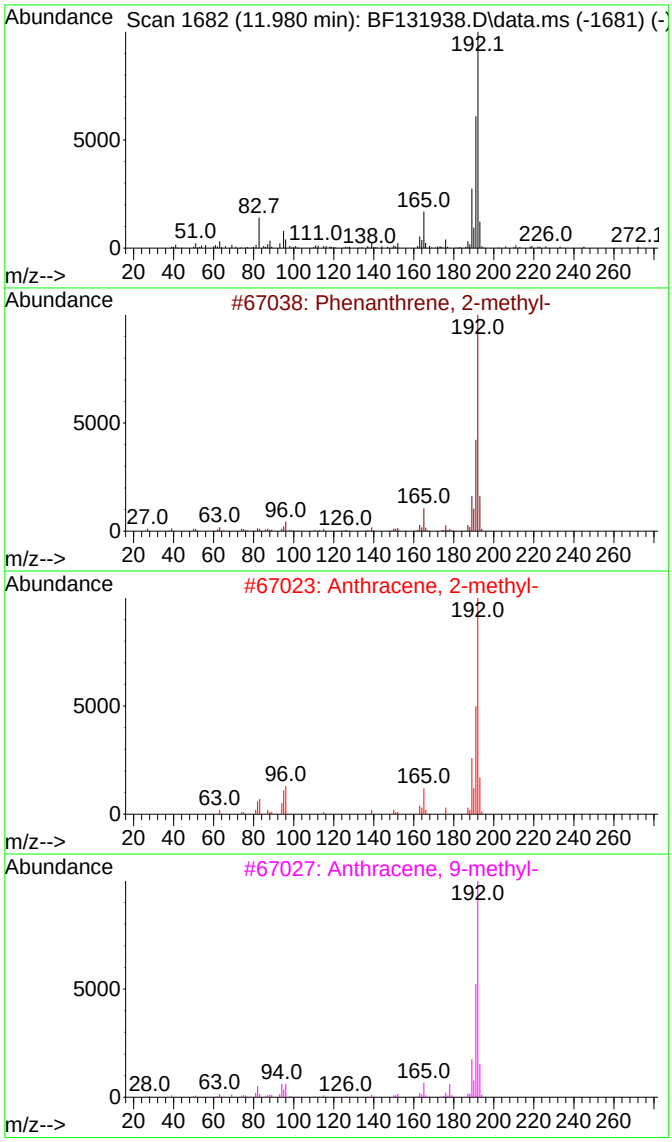
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

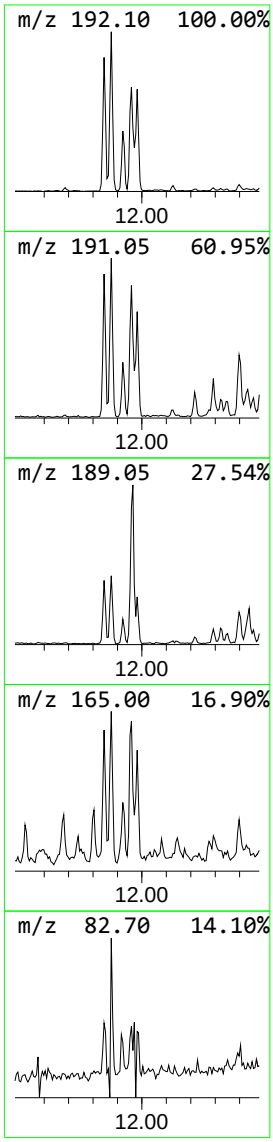
****

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	3.94 ng	104744	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	83





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Operator : CG\JU
Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

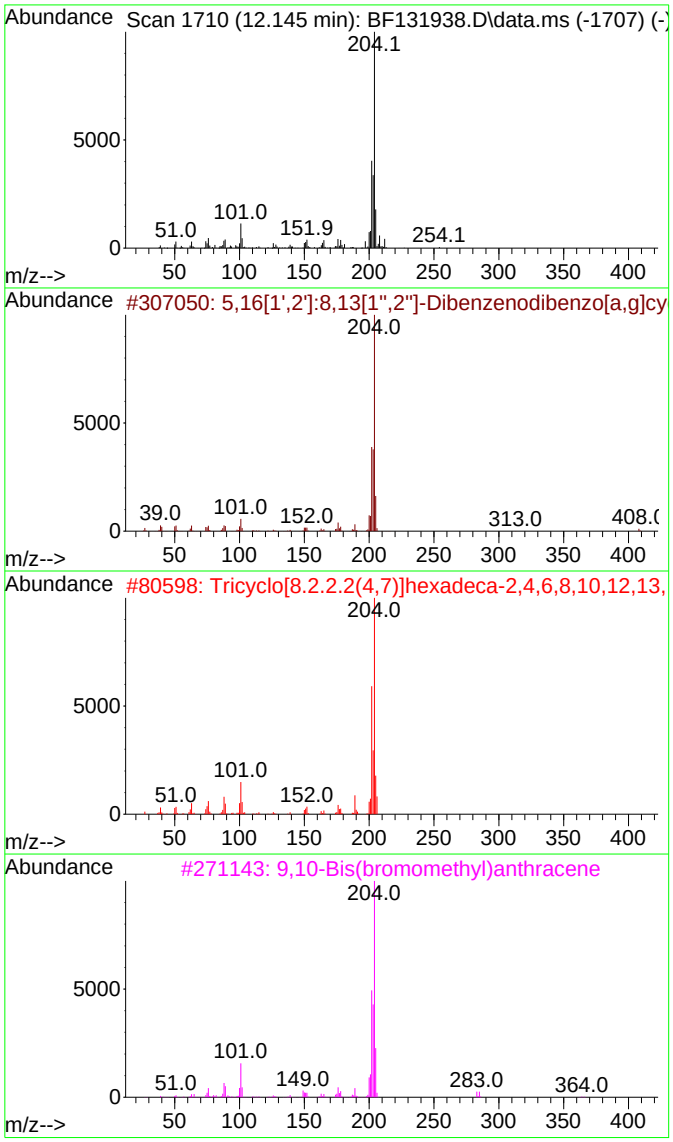
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

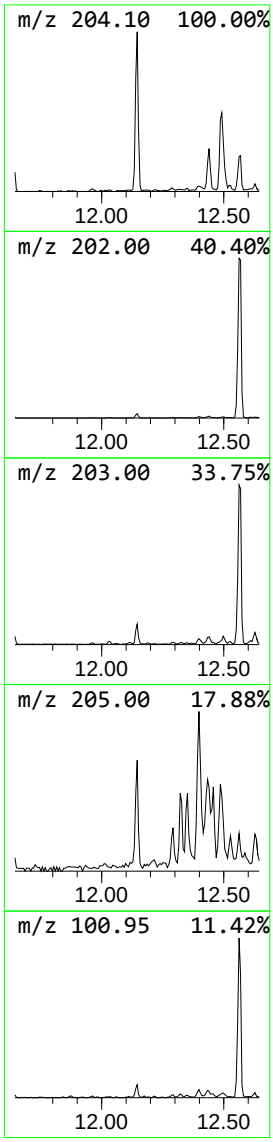
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	3.50 ng	93055	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	74
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49





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ALS Vial : 5 Sample Multiplier: 1

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

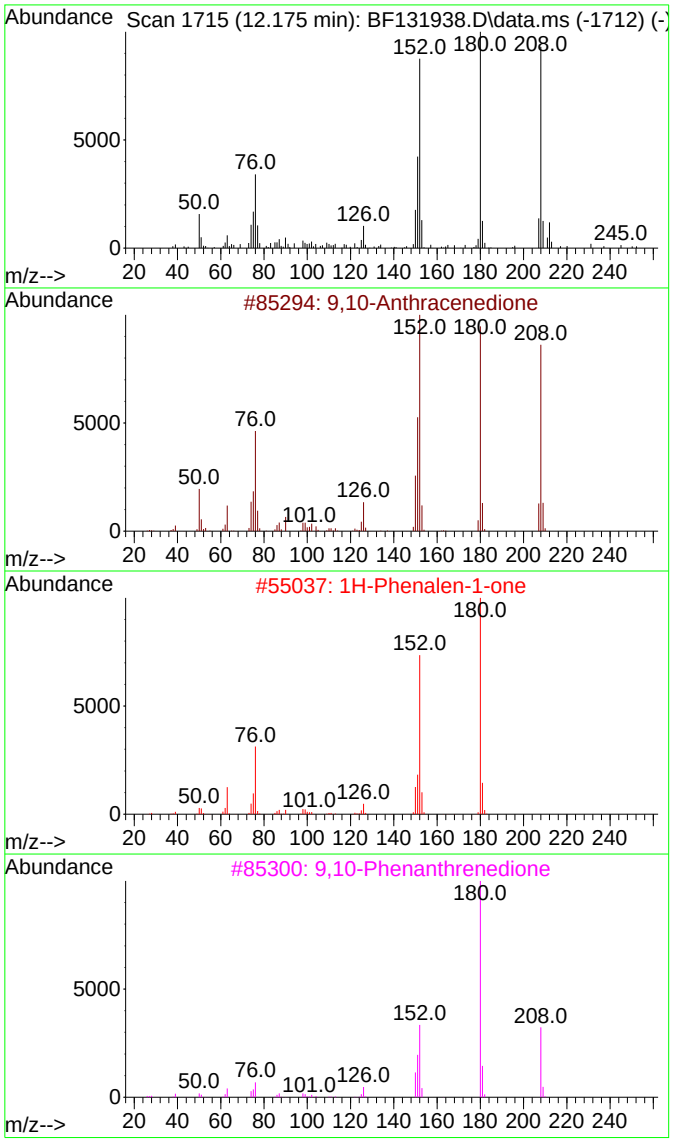
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

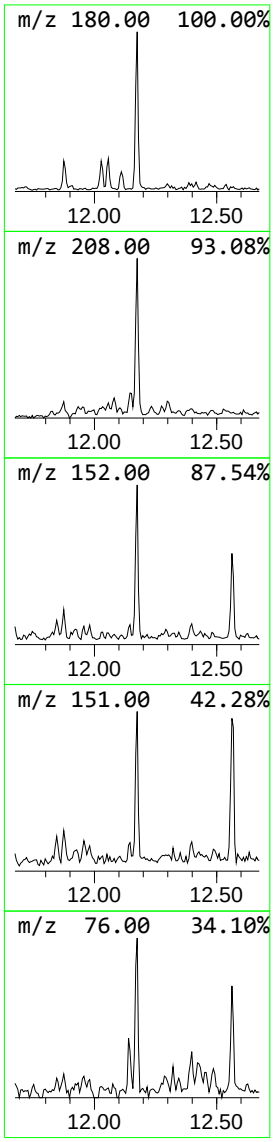
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	3.71 ng	98544	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52





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Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

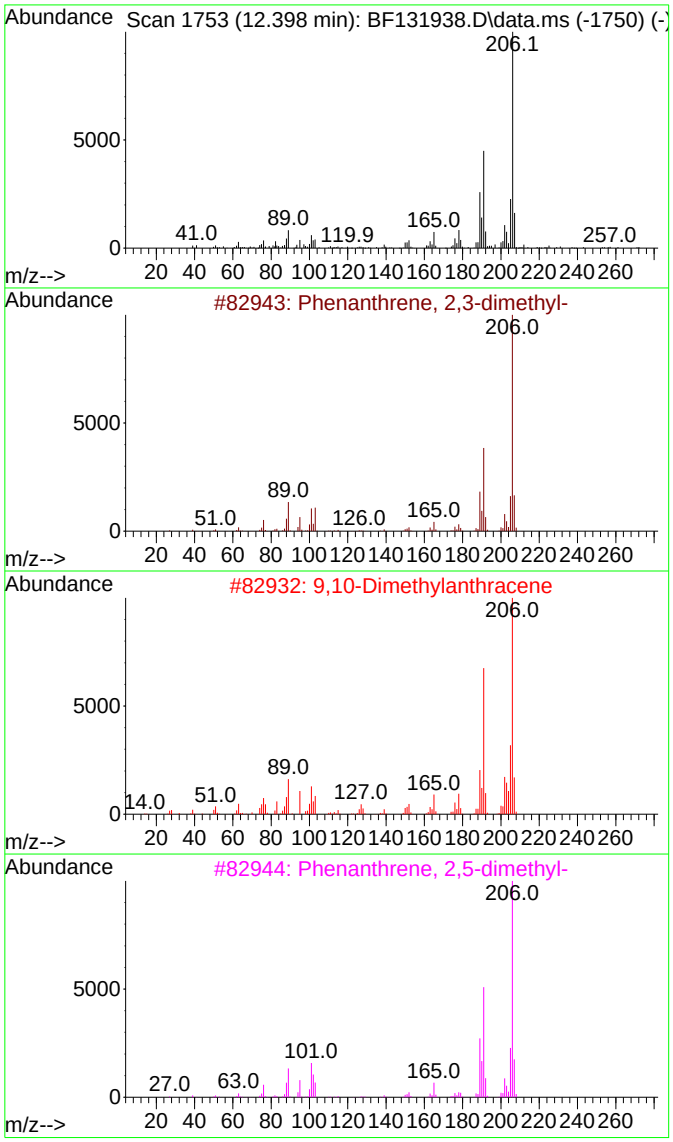
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

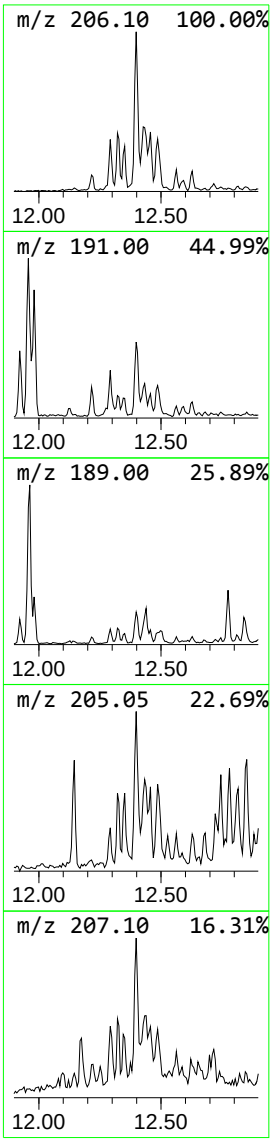
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	6.59 ng	175127	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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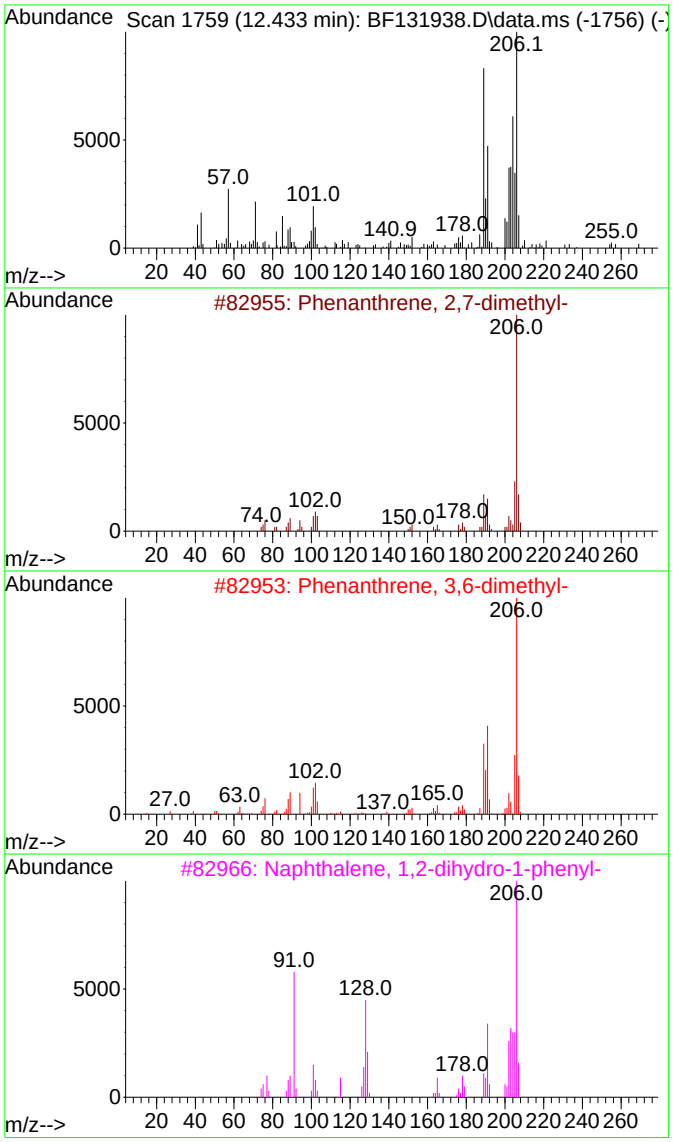
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

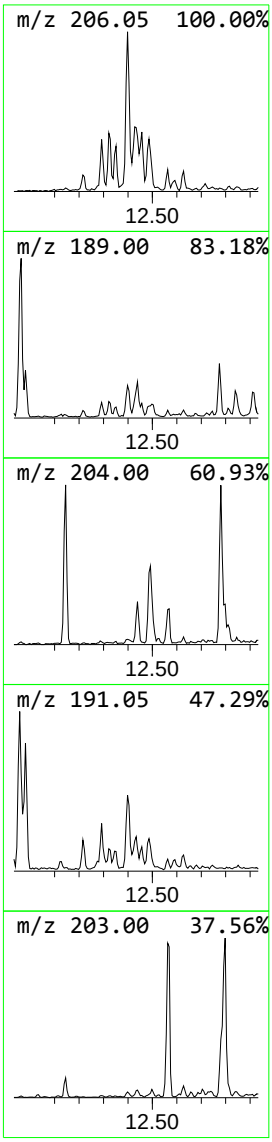
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	5.13 ng	136402	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	45
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	43
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	35





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

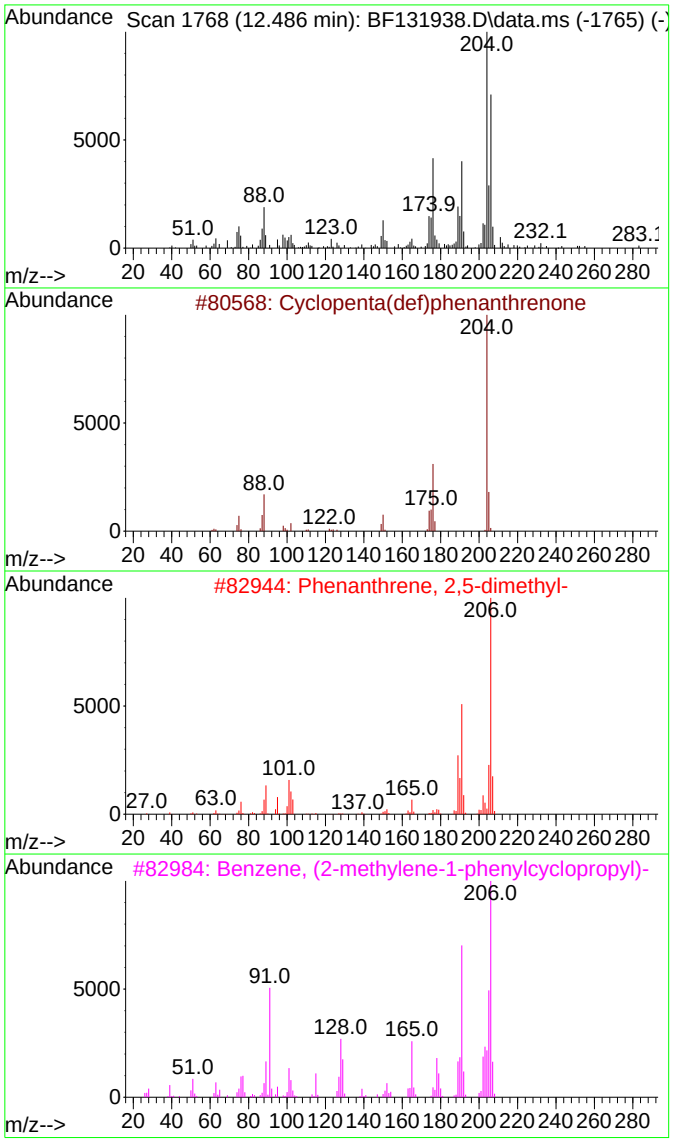
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

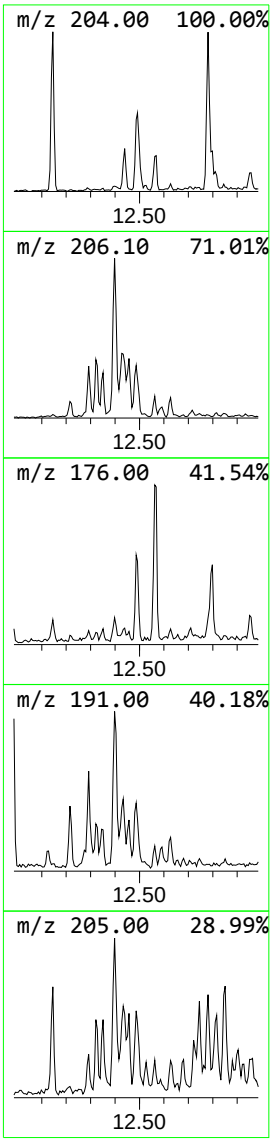
****

Peak Number 14 unknown12.486 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	4.55 ng	120961	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46
3	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	41
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	41
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	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

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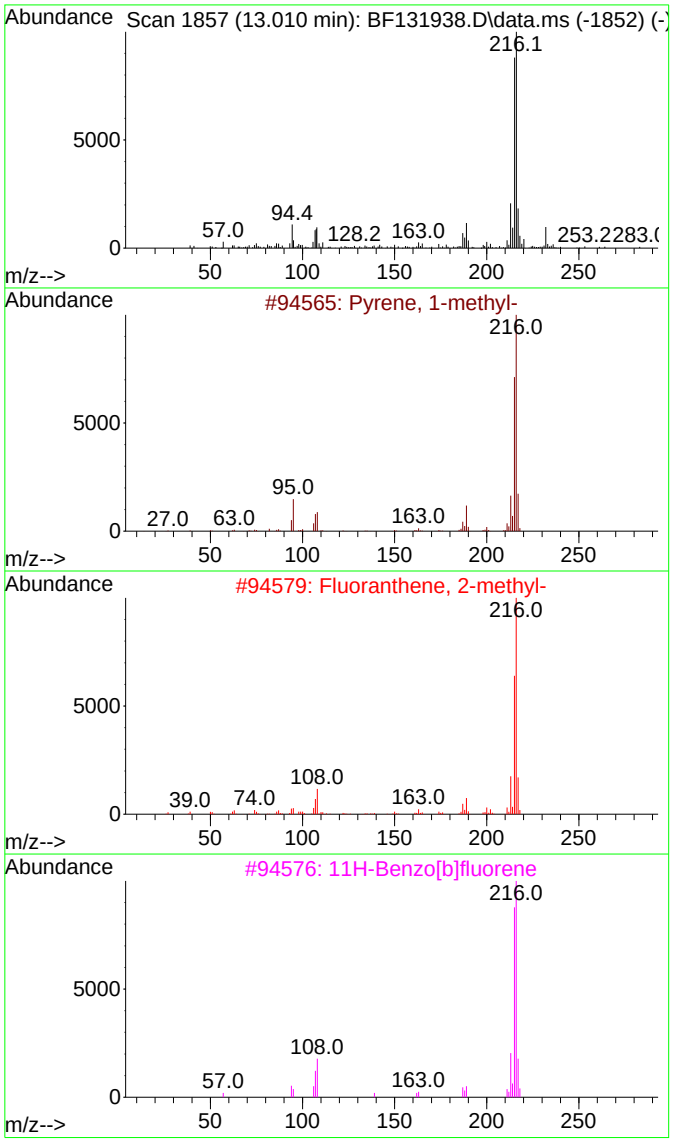
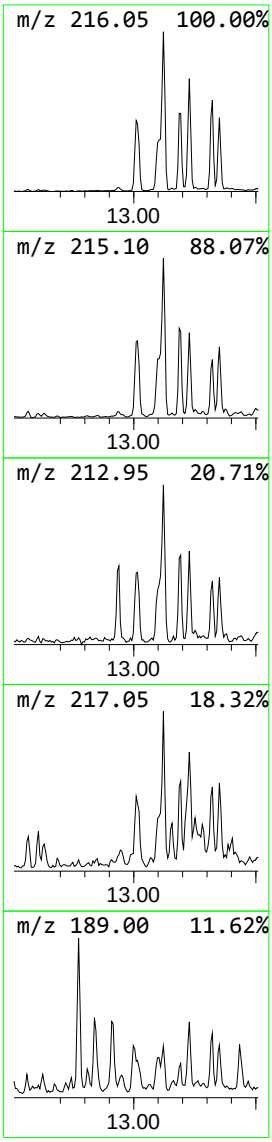
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	3.35 ng	210886	Chrysene-d12	13.998

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	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76





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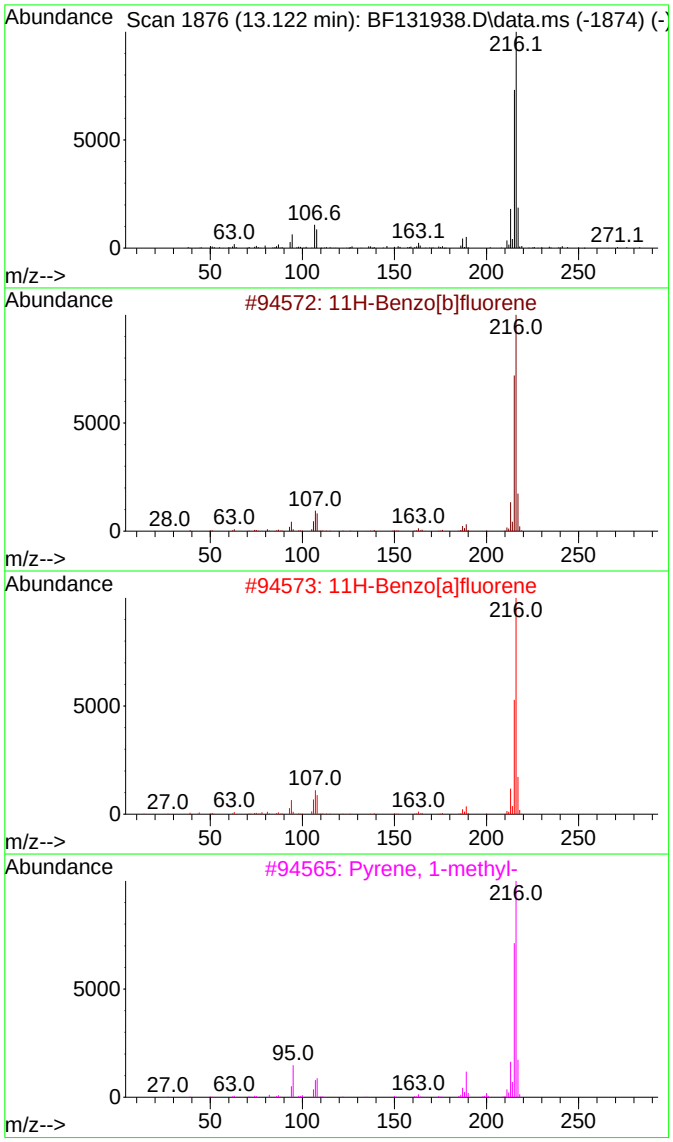
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

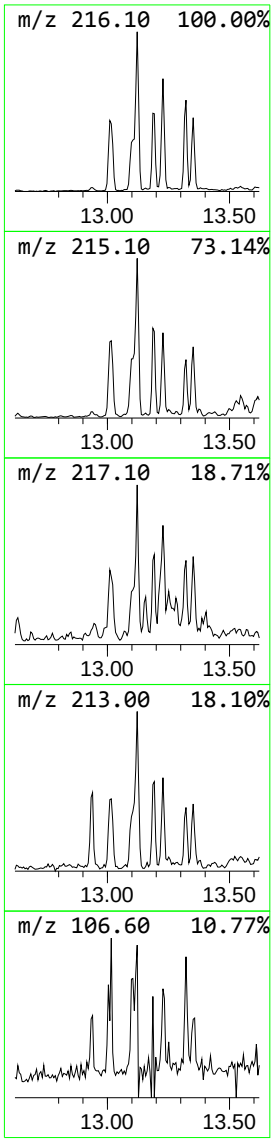
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	2.86 ng	180479	Chrysene-d12	13.998

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	78
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	72





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Acq On : 06 Jan 2023 13:15
Operator : CG\JU
Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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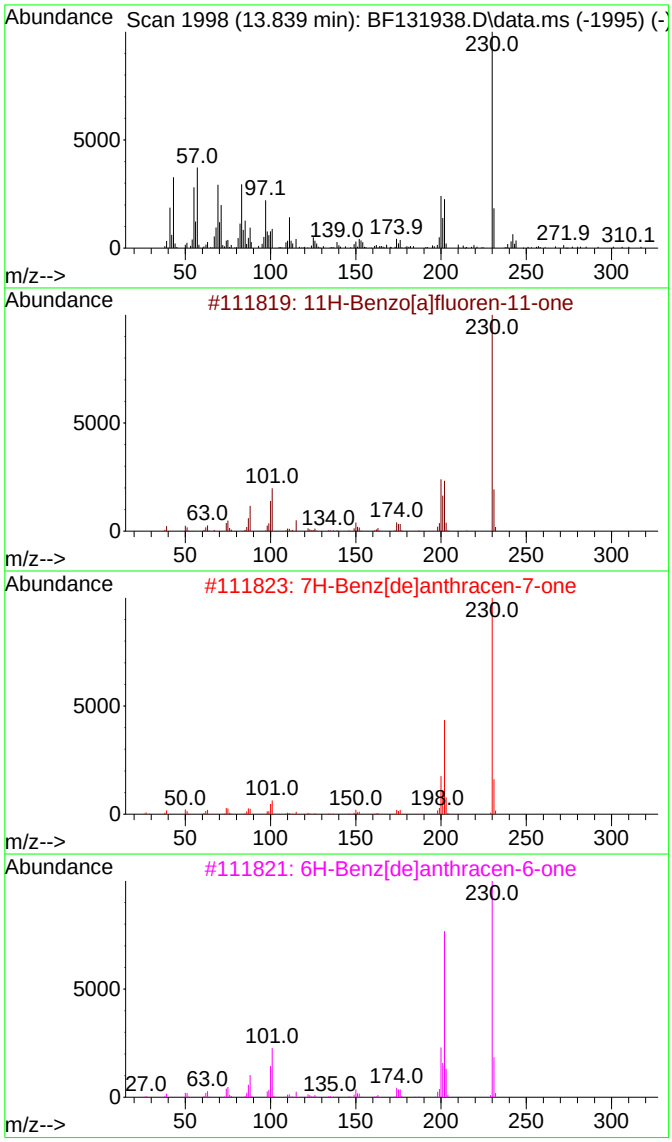
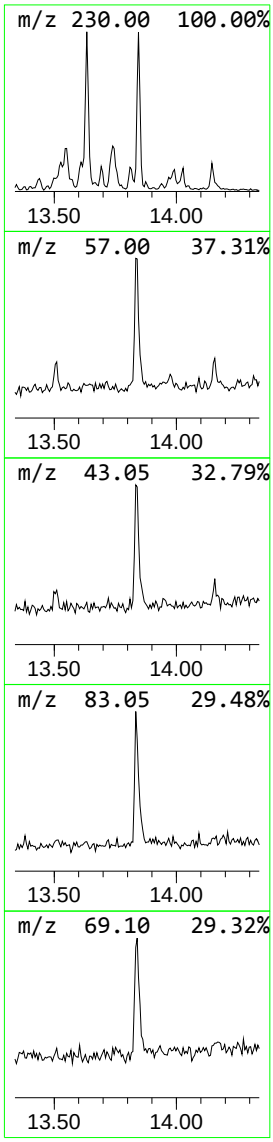
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	3.88 ng	244606	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	76
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	60
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
4	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	47
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	40





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Data File : BF131938.D
Acq On : 06 Jan 2023 13:15
Operator : CG\JU
Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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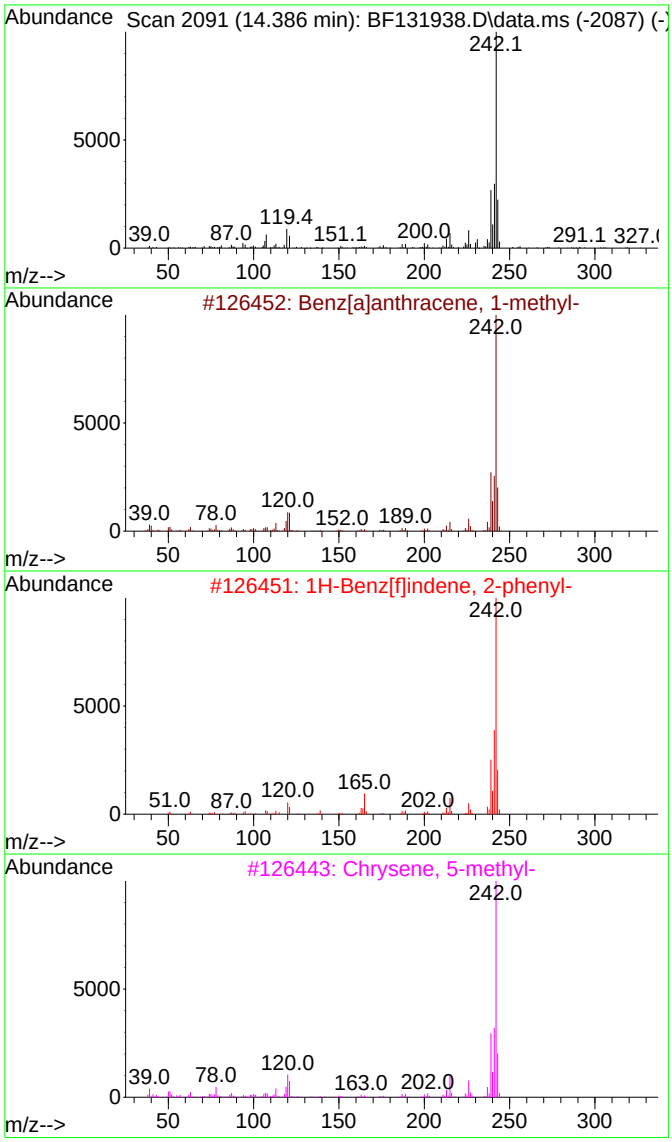
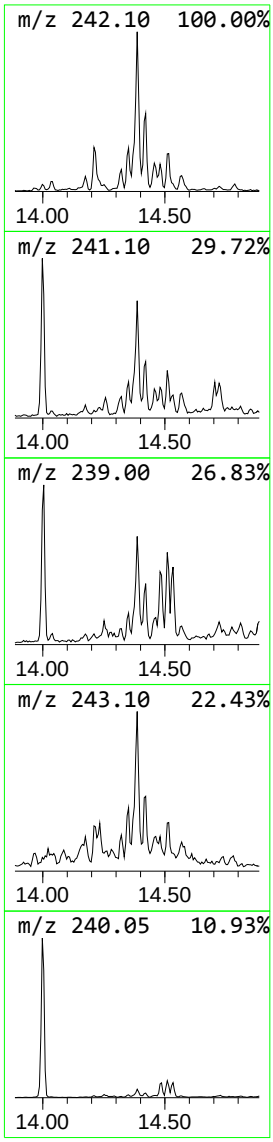
Peak Number 18 Benz[a]anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.386	3.10 ng	195475	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	96
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	95
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	95
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95





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Data File : BF131938.D
Acq On : 06 Jan 2023 13:15
Operator : CG\JU
Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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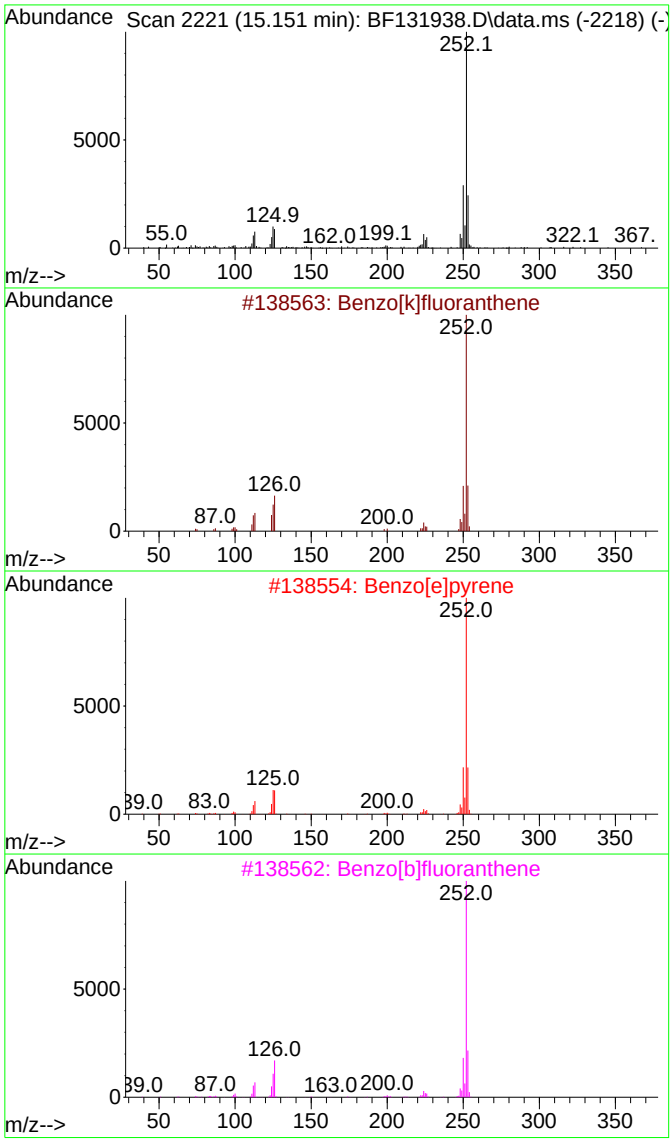
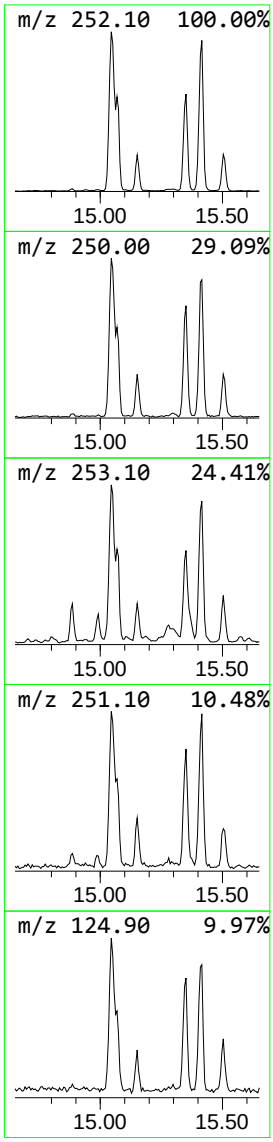
Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	6.30 ng	114581	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





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Data File : BF131938.D
Acq On : 06 Jan 2023 13:15
Operator : CG\JU
Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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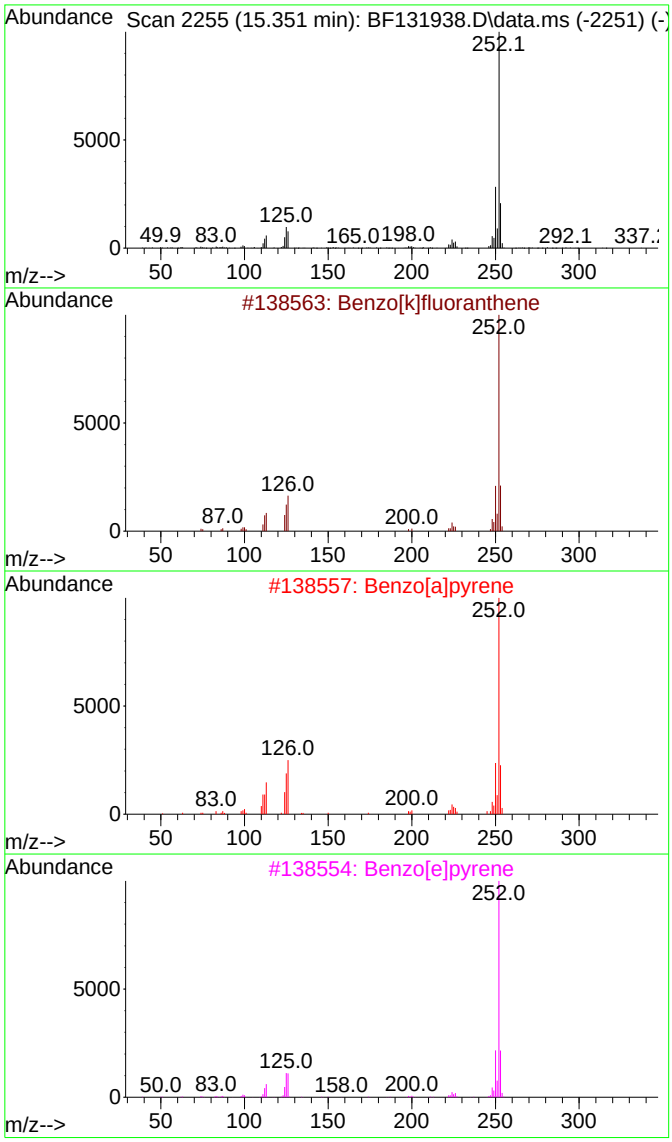
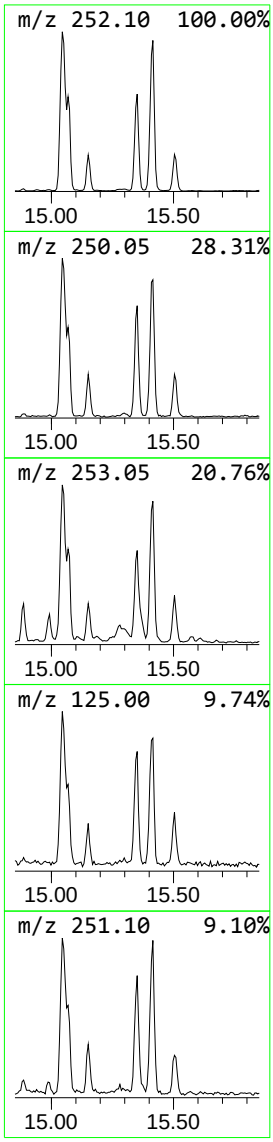
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	19.28 ng	350897	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131938.D
Acq On : 06 Jan 2023 13:15
Operator : CG\JU
Sample : N6243-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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
Trichloroethylene	2.369	37.9	ng	690899	1	6.798	365010	20.0
2-Pentanone, 4-...	4.993	31.6	ng	575715	1	6.798	365010	20.0
Benzophenone	10.569	14.8	ng	394034	3	9.851	534364	20.0
Benzenesulfonam...	10.757	4.6	ng	121908	4	11.345	531394	20.0
Anthracene, 2-m...	11.845	7.1	ng	188561	4	11.345	531394	20.0
Phenanthrene, 2...	11.875	9.7	ng	258116	4	11.345	531394	20.0
1H-Cyclopropa[l...	11.922	3.9	ng	103796	4	11.345	531394	20.0
unknown11.957	11.957	13.2	ng	351234	4	11.345	531394	20.0
Anthracene, 9-m...	11.980	3.9	ng	104744	4	11.345	531394	20.0
5,16[1',2']:8,1...	12.145	3.5	ng	93055	4	11.345	531394	20.0
9,10-Anthracene...	12.175	3.7	ng	98544	4	11.345	531394	20.0
Phenanthrene, 2...	12.398	6.6	ng	175127	4	11.345	531394	20.0
Phenanthrene, 2...	12.433	5.1	ng	136402	4	11.345	531394	20.0
unknown12.486	12.486	4.5	ng	120961	4	11.345	531394	20.0
Pyrene, 1-methyl-	13.010	3.4	ng	210886	5	13.998	1260550	20.0
11H-Benzo[b]flu...	13.121	2.9	ng	180479	5	13.998	1260550	20.0
11H-Benzo[a]flu...	13.839	3.9	ng	244606	5	13.998	1260550	20.0
Benz[a]anthrace...	14.386	3.1	ng	195475	5	13.998	1260550	20.0
Benzo[e]pyrene	15.151	6.3	ng	114581	6	15.474	363927	20.0
Perylene	15.351	19.3	ng	350897	6	15.474	363927	20.0