LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132794.D
Acq On : 14 Mar 2023 23:38
Operator : CG\JU
Sample : 01905-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MAPLE-1

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: BF132794.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.198	439	444	460	rVB	1301514	1509259	43.73%	3.008%
2	5.592	508	511	528	rBV	3032385	3141822	91.03%	6.261%
3	6.592	677	681	700	rVB	3045478	3136252	90.87%	6.250%
4	6.963	741	744	748	rBV	1484939	1167536	33.83%	2.327%
5	7.528	836	840	843	rBV	2452831	2075938	60.15%	4.137%
6	8.245	959	962	965	rBV	1751471	1484647	43.02%	2.959%
7	9.322	1141	1145	1148	rBV	4305623	3451263	100.00%	6.878%
8	9.869	1234	1238	1243	rBV	283772	236127	6.84%	0.471%
9	10.004	1258	1261	1265	rBV	1812369	1595544	46.23%	3.180%
10	10.557	1352	1355	1361	rVB2	31920	41923	1.21%	0.084%
11	10.716	1377	1382	1385	rBV	177978	159926	4.63%	0.319%
12	10.798	1392	1396	1403	rBV	2255394	1965916	56.96%	3.918%
13	10.904	1410	1414	1422	rVB6	27685	68031	1.97%	0.136%
14	11.104	1443	1448	1451	rBV3	37086	47180	1.37%	0.094%
15	11.398	1495	1498	1501	rVB	48152	44198	1.28%	0.088%
16	11.498	1512	1515	1518	rBV	1623801	1522079	44.10%	3.033%
17	11.521	1518	1519	1523	rVV	765783	579024	16.78%	1.154%
18	11.574	1525	1528	1530	rVV	167146	131975	3.82%	0.263%
19	11.598	1530	1532	1537	rVB2	44339	54731	1.59%	0.109%
20	11.733	1550	1555	1560	rBV2	66013	99269	2.88%	0.198%
21	11.833	1568	1572	1576	rVB2	56254	63814	1.85%	0.127%
22	12.004	1598	1601	1604	rBV2	272191	343722	9.96%	0.685%
23	12.027	1604	1605	1609	rVV	299734	251350	7.28%	0.501%
24	12.080	1611	1614	1616	rVV	87853	82883	2.40%	0.165%
25	12.116	1616	1620	1622	rVV2	302609	340620	9.87%	0.679%
26	12.139	1622	1624	1629	rVB	191050	152563	4.42%	0.304%
27	12.298	1648	1651	1653	rBV	167328	138447	4.01%	0.276%
28	12.327	1653	1656	1661	rVB	143860	135035	3.91%	0.269%
29	12.480	1679	1682	1684	rVB	76022	55162	1.60%	0.110%
30	12.504	1684	1686	1688	rVB	69255	51607	1.50%	0.103%
31	12.557	1691	1695	1697	rBV	217391	231748	6.71%	0.462%
32	12.592	1697	1701	1703	rVV2	98136	139151	4.03%	0.277%
33	12.610	1703	1704	1706	rVV	78211	48269	1.40%	0.096%
34	12.645	1706	1710	1714	rVV2	155485	163212	4.73%	0.325%
35	12.721	1719	1723	1726	rBV	2480411	2111152	61.17%	4.207%
36	12.757	1727	1729	1731	rBV	56576	49312	1.43%	0.098%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132794.D
Acq On : 14 Mar 2023 23:38
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Sample : 01905-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-1

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	12.786	1731	1734	1736	rBV2	61813	68618	1.99%	0.137%
38	12.815	1736	1739	1741	rBV	229632	167337	4.85%	0.333%
39	12.839	1741	1743	1747	rVB2	195284	186209	5.40%	0.371%
40	12.874	1747	1749	1750	rBV	71511	51557	1.49%	0.103%
41	12.892	1750	1752	1755	rVB2	117780	100806	2.92%	0.201%
42	12.933	1755	1759	1760	rBV	292310	323263	9.37%	0.644%
43	12.951	1760	1762	1768	rVB	1981718	1843392	53.41%	3.673%
44	12.998	1768	1770	1774	rVB2	133584	130444	3.78%	0.260%
45	13.086	1778	1785	1788	rBV	3073289	2763413	80.07%	5.507%
46	13.174	1794	1800	1803	rBV2	219043	381650	11.06%	0.761%
47	13.257	1810	1814	1815	rBV2	195989	208748	6.05%	0.416%
48	13.280	1815	1818	1820	rVB	359532	339038	9.82%	0.676%
49	13.345	1827	1829	1832	rBV	206695	155728	4.51%	0.310%
50	13.386	1832	1836	1839	rVV2	289323	295705	8.57%	0.589%
51	13.439	1843	1845	1849	rBV2	51069	81773	2.37%	0.163%
52	13.480	1849	1852	1854	rVV	163099	140125	4.06%	0.279%
53	13.510	1854	1857	1860	rVB	162827	145400	4.21%	0.290%
54	13.598	1869	1872	1875	rVB3	53732	54534	1.58%	0.109%
55	13.762	1897	1900	1902	rBV2	58178	60417	1.75%	0.120%
56	13.792	1902	1905	1910	rVB	350156	312539	9.06%	0.623%
57	13.904	1919	1924	1926	rBV2	358082	374660	10.86%	0.747%
58	13.927	1926	1928	1931	rVV	238220	224014	6.49%	0.446%
59	13.968	1931	1935	1938	rVV2	374978	558121	16.17%	1.112%
60	14.004	1938	1941	1944	rVB	290557	291307	8.44%	0.581%
61	14.074	1950	1953	1957	rBV	66367	78014	2.26%	0.155%
62	14.115	1957	1960	1962	rBV	51635	44479	1.29%	0.089%
63	14.151	1962	1966	1969	rVV2	1955500	2920677	84.63%	5.820%
64	14.180	1969	1971	1978	rVV	1485038	1597040	46.27%	3.183%
65	14.239	1979	1981	1983	rVV	186706	240054	6.96%	0.478%
66	14.262	1983	1985	1987	rVV	270070	291338	8.44%	0.581%
67	14.304	1990	1992	1998	rVV3	271308	348785	10.11%	0.695%
68	14.386	2002	2006	2008	rBV2	91086	122533	3.55%	0.244%
69	14.415	2008	2011	2013	rBV3	90648	80871	2.34%	0.161%
70	14.480	2019	2022	2024	rBV3	69731	107588	3.12%	0.214%
71	14.504	2024	2026	2028	rVV	124144	121574	3.52%	0.242%
72	14.545	2030	2033	2035	rVB	300460	273021	7.91%	0.544%
73	14.574	2035	2038	2042	rBV2	185922	221018	6.40%	0.440%
74	14.668	2052	2054	2057	rBV2	133662	137226	3.98%	0.273%
75	14.692	2057	2058	2063	rVB2	144397	115707	3.35%	0.231%
76	14.745	2065	2067	2070	rVB	80961	63223	1.83%	0.126%

LSC Area Percent Report

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Data File : BF132794.D
Acq On : 14 Mar 2023 23:38
Operator : CG\JU
Sample : 01905-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-1

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

77	15.062	2117	2121	2128	rVB2	103915	192519	5.58%	0.384%
78	15.233	2145	2150	2153	rBV	1228645	1883316	54.57%	3.753%
79	15.345	2166	2169	2176	rVB	238738	302786	8.77%	0.603%
80	15.439	2182	2185	2187	rBV3	57209	76649	2.22%	0.153%
81	15.556	2200	2205	2212	rVV	667213	893816	25.90%	1.781%
82	15.621	2212	2216	2221	rVV	890793	1195492	34.64%	2.382%
83	15.686	2223	2227	2231	rVV	833939	1238869	35.90%	2.469%
84	15.721	2231	2233	2240	rVB2	265638	345762	10.02%	0.689%
85	17.262	2489	2495	2504	rVB2	338611	686966	19.90%	1.369%
86	17.739	2570	2576	2587	rVB	228681	472813	13.70%	0.942%

Sum of corrected areas: 50181621

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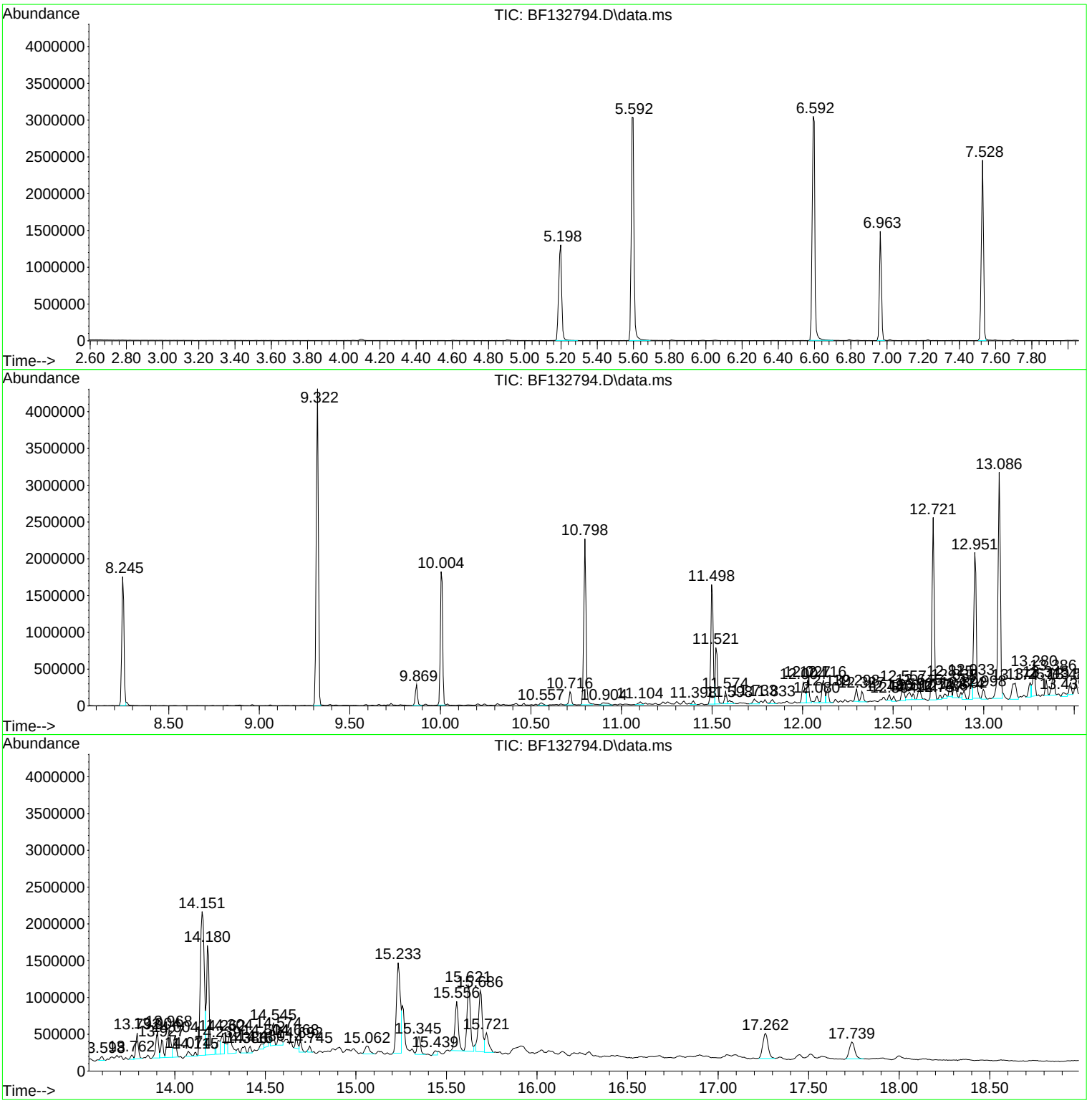
Instrument :
BNA_F
ClientSampleId :
MAPLE-1

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\BF031423\
Data File : BF132794.D
Acq On : 14 Mar 2023 23:38
Operator : CG\JU
Sample : 01905-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-1

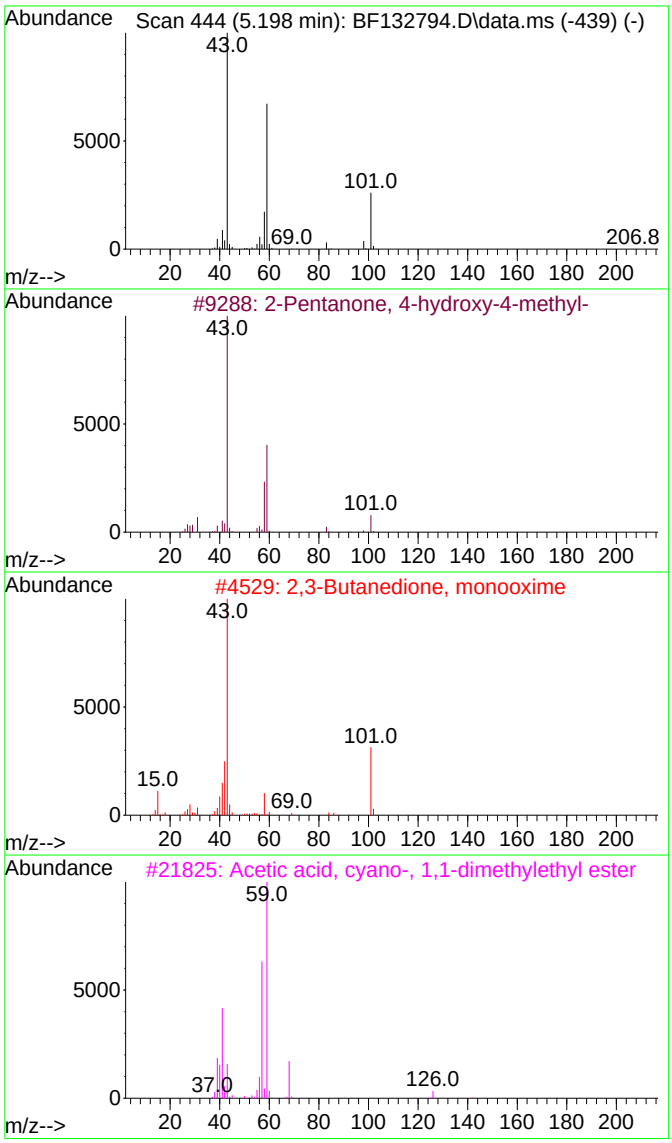
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

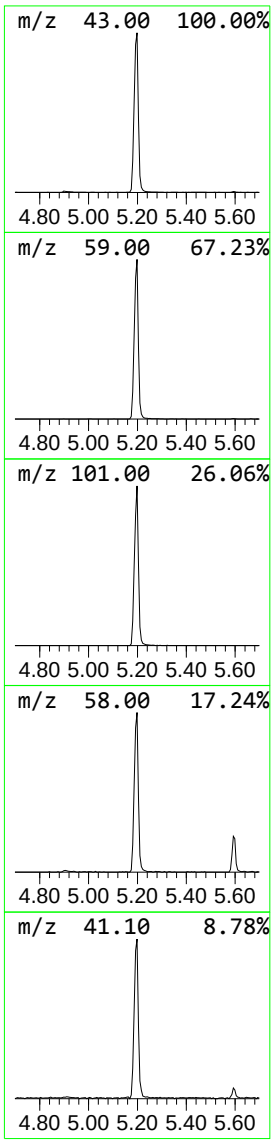
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.198	25.85 ng	1509260	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Guanidine	59	CH5N3	000113-00-8	9





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Data File : BF132794.D
Acq On : 14 Mar 2023 23:38
Operator : CG\JU
Sample : 01905-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-1

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

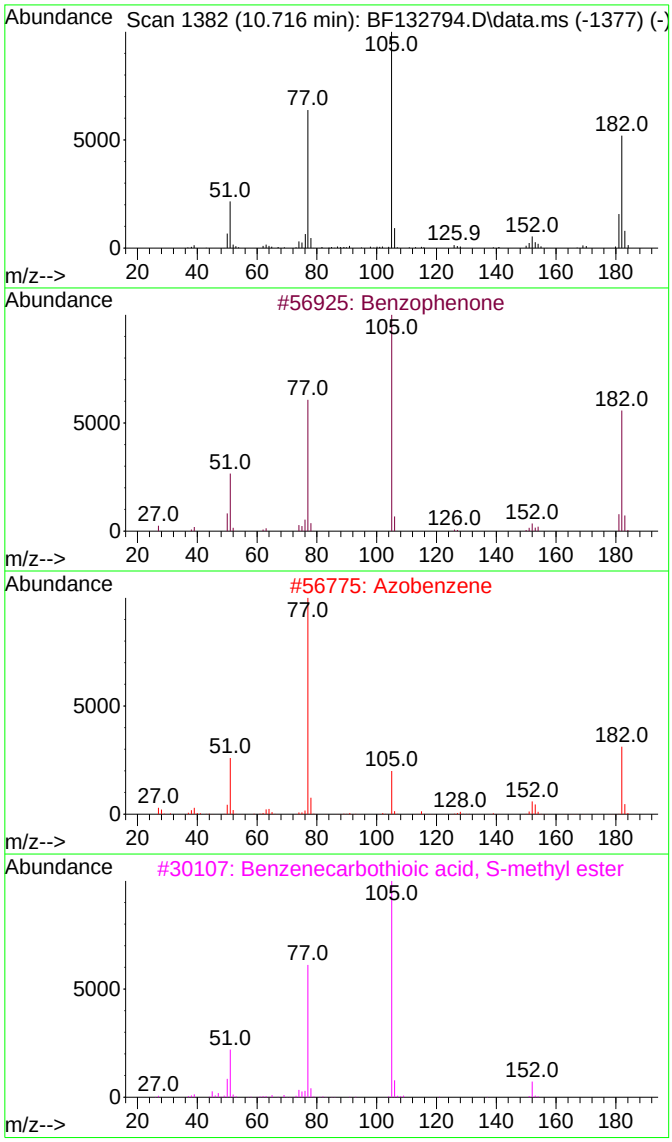
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

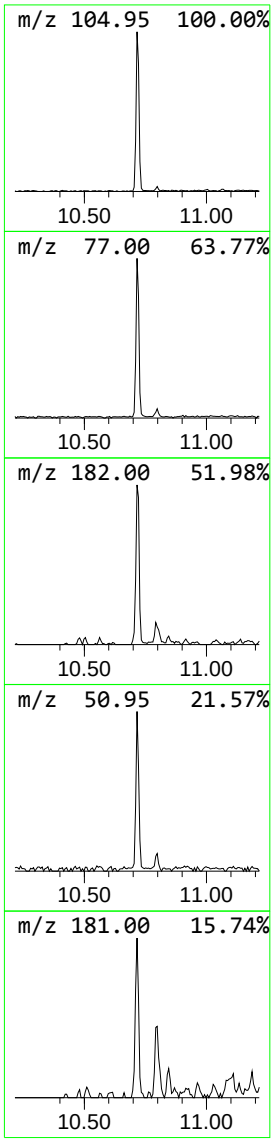
****

Peak Number 2 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	2.00 ng	159926	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	68
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	Pentanediamide, N,N'-di-benzoyloxy-	370	C19H18N2O6	1000253-26-3	43





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Instrument :
BNA_F
ClientSampleId :
MAPLE-1

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

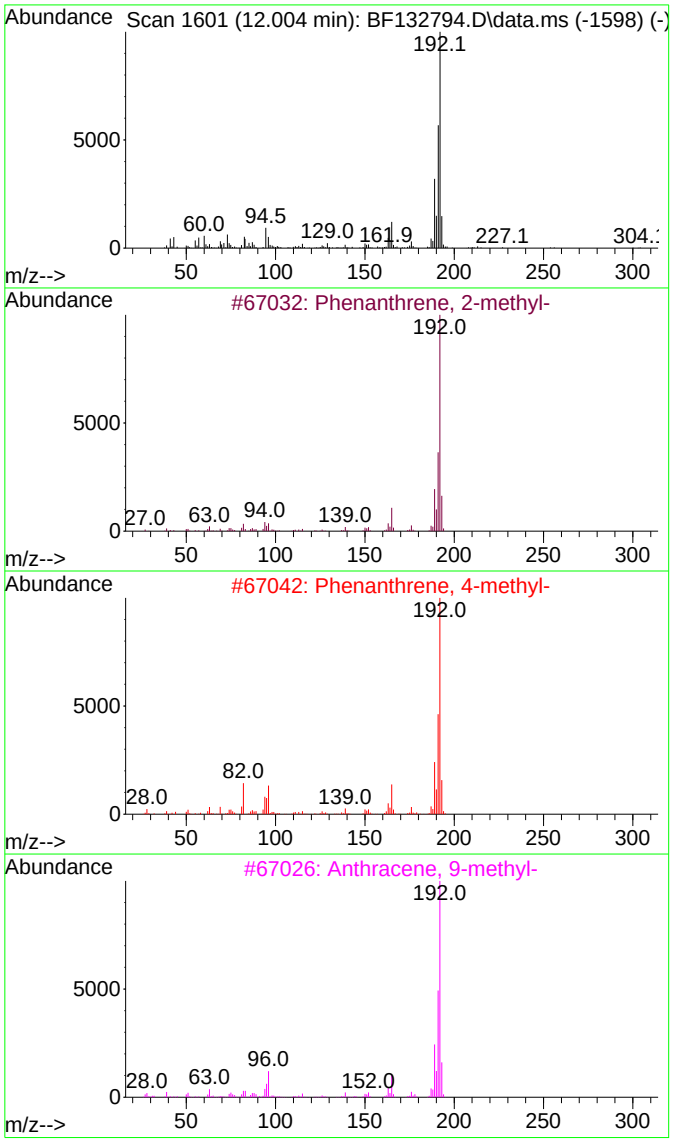
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

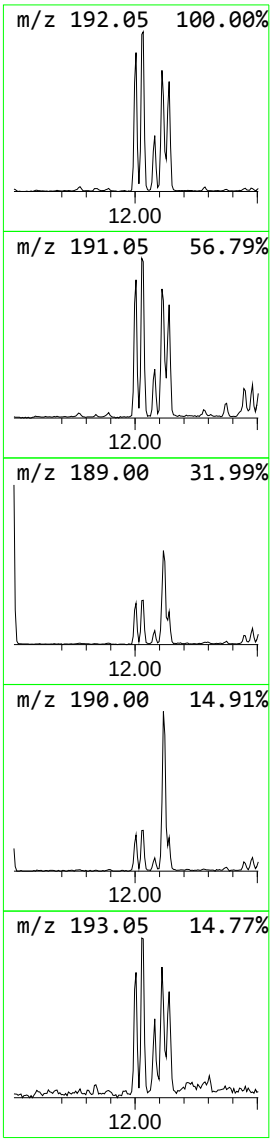
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	4.52 ng	343722	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : 01905-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

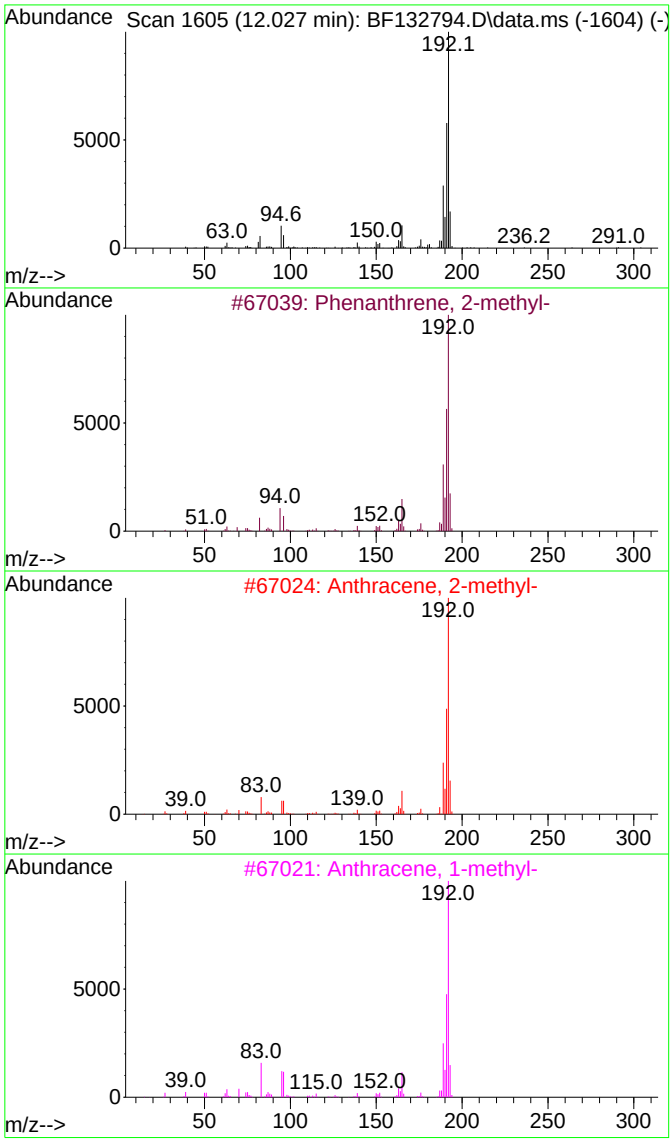
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

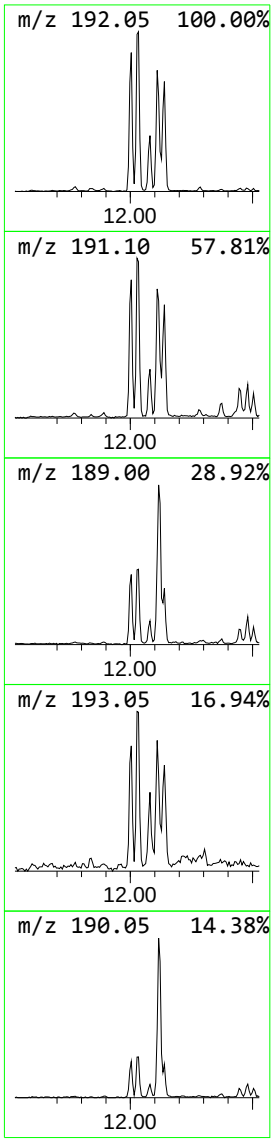
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	3.30 ng	251350	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Data File : BF132794.D
Acq On : 14 Mar 2023 23:38
Operator : CG\JU
Sample : 01905-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-1

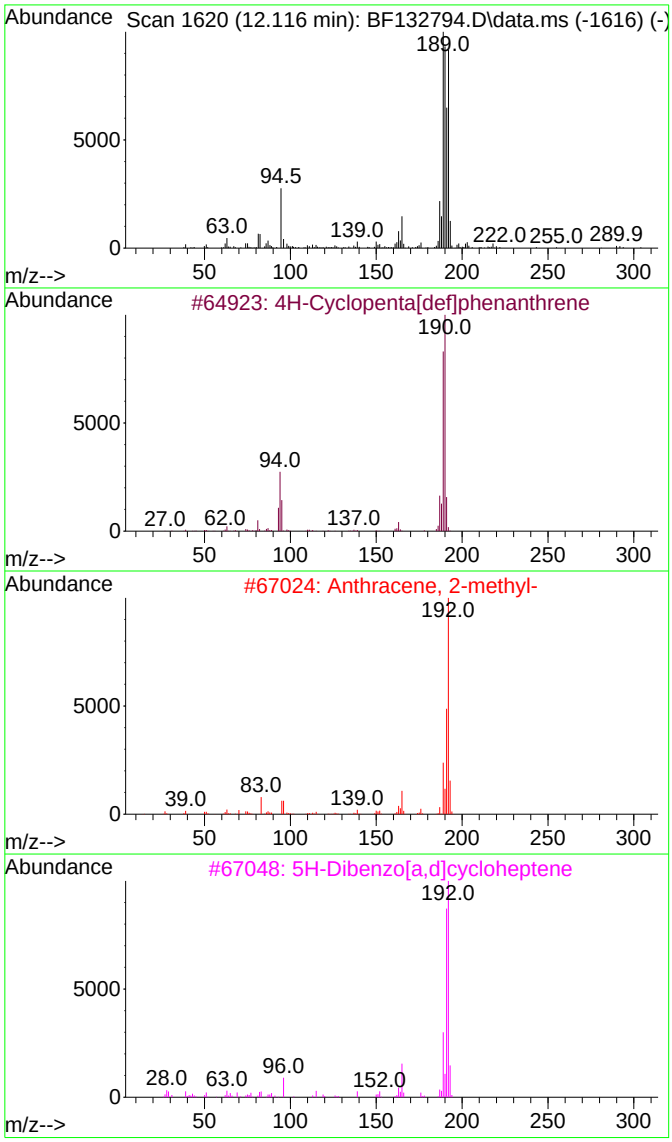
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

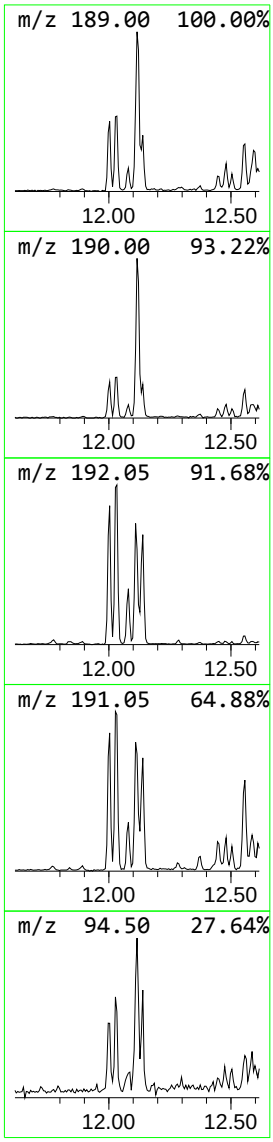
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	4.48 ng	340620	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132794.D
Acq On : 14 Mar 2023 23:38
Operator : CG\JU
Sample : 01905-04
Misc :
ALS Vial : 21 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

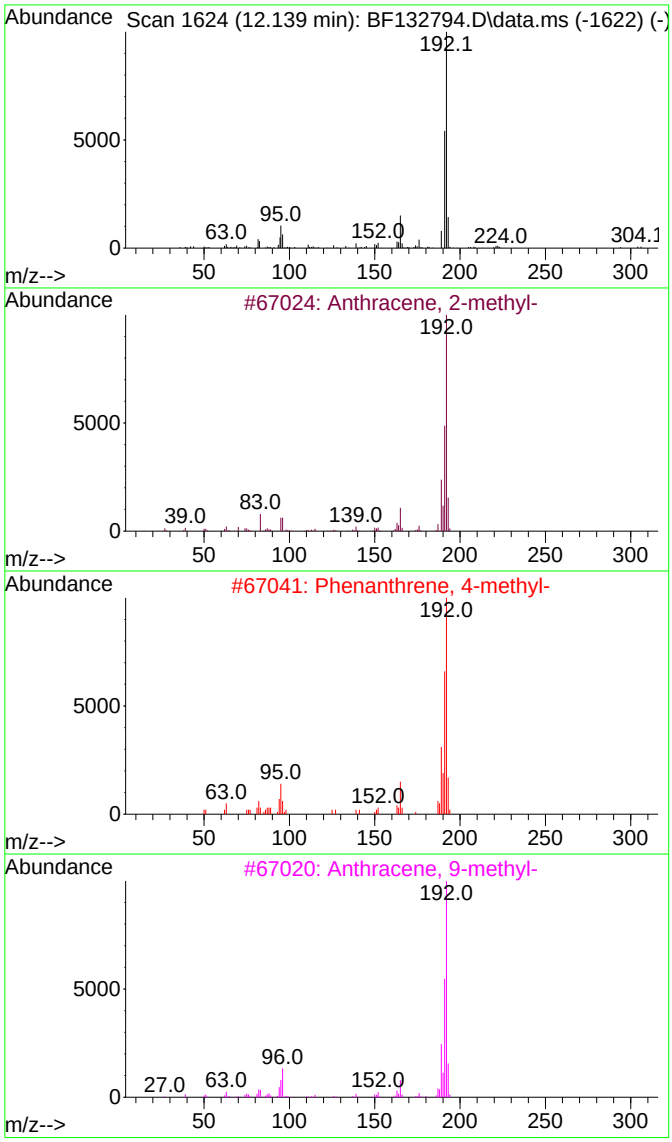
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

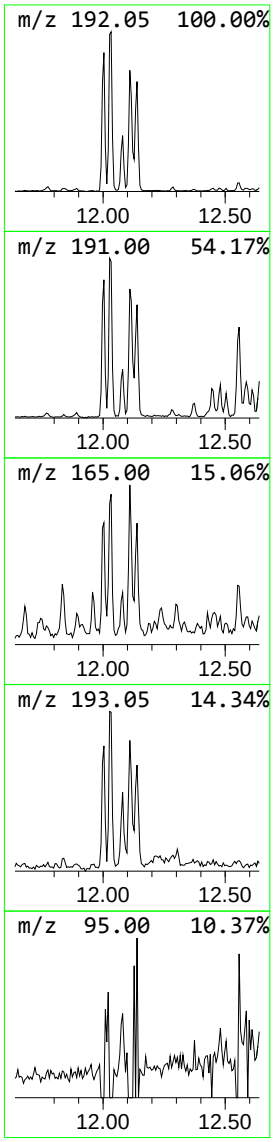
****

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	2.00 ng	152563	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	90





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Sample : 01905-04
Misc :
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ClientSampleId :
MAPLE-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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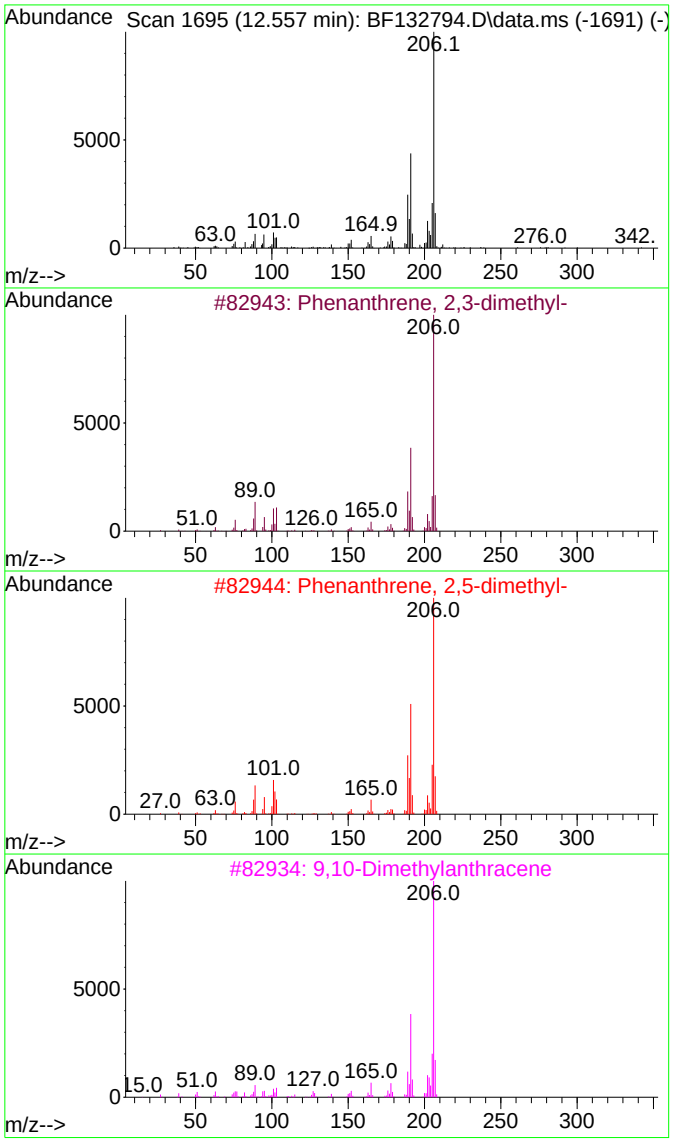
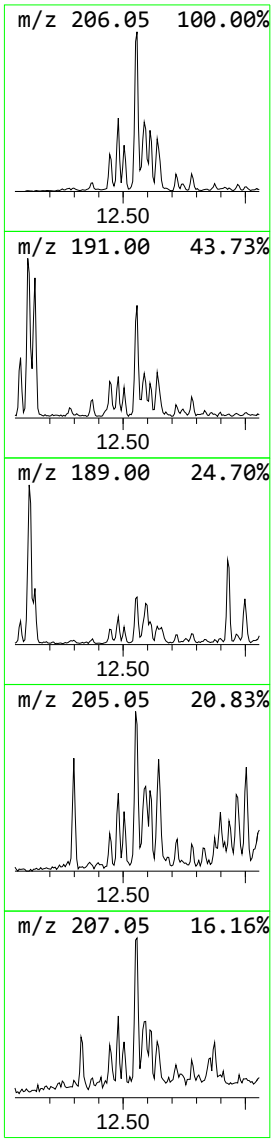
Peak Number 7 Phenanthrene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	3.05 ng	231748	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





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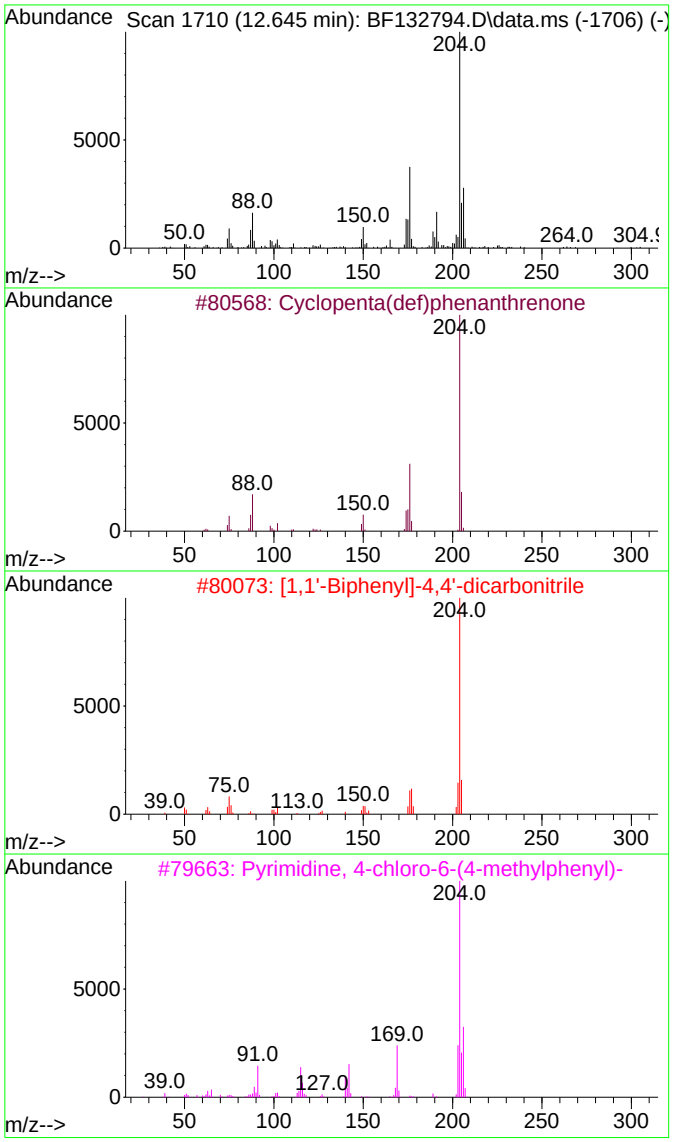
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

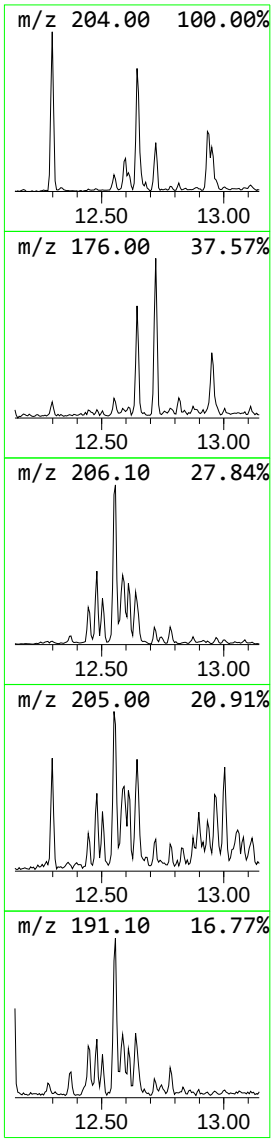
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	2.14 ng	163212	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	50
4	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49





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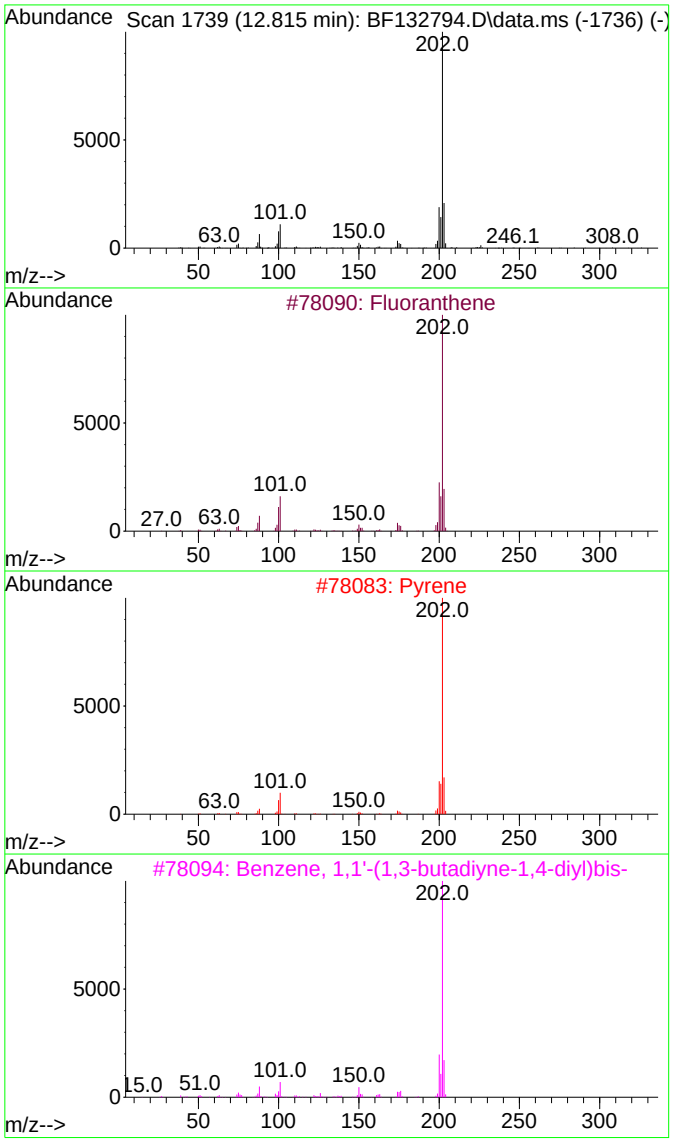
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

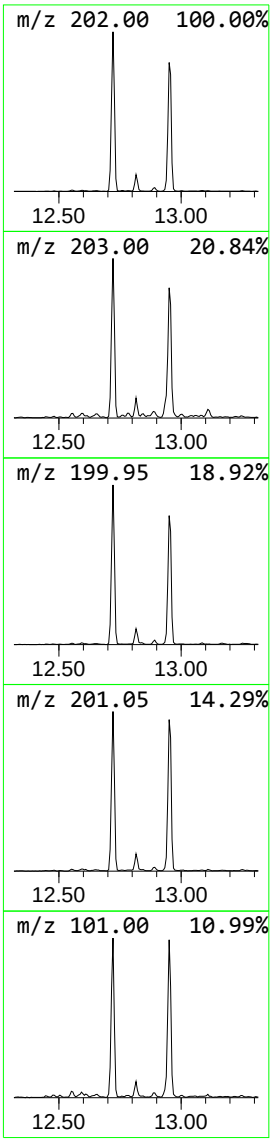
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.816	2.20 ng	167337	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	94
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	80
4	Ethanone, 1-(1,4-dihydroxy-2-nap...	202	C12H10O3	040420-48-2	9
5	7-Hydroxyquinoline, trimethylsil...	217	C12H15NOSi	959048-57-8	9





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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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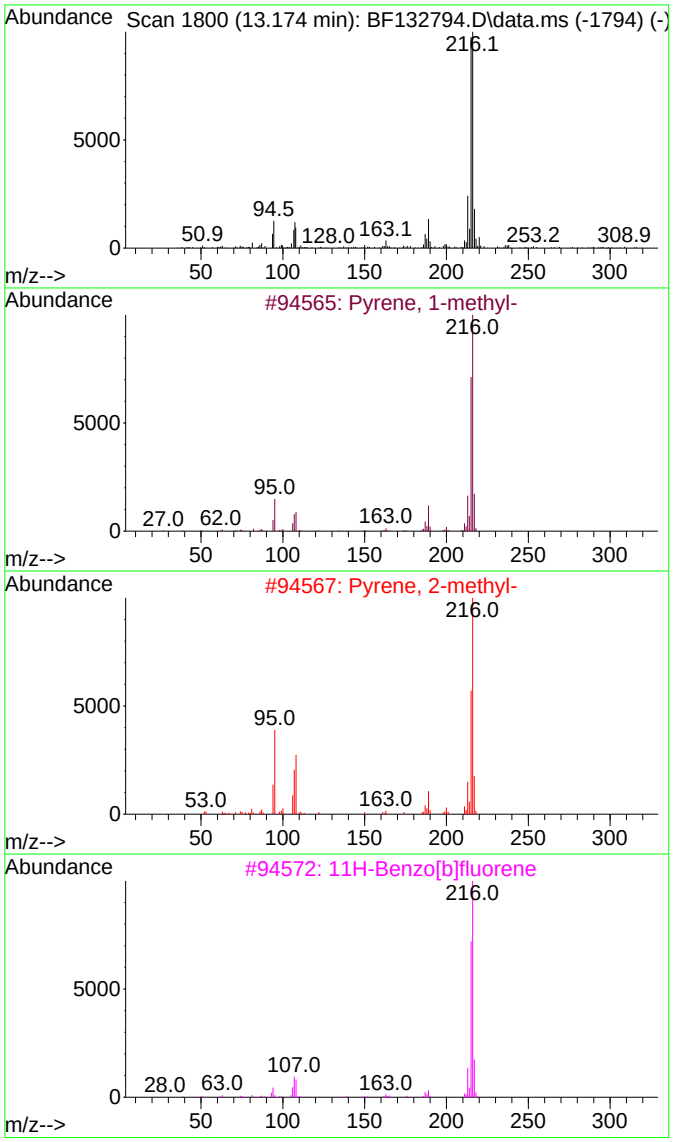
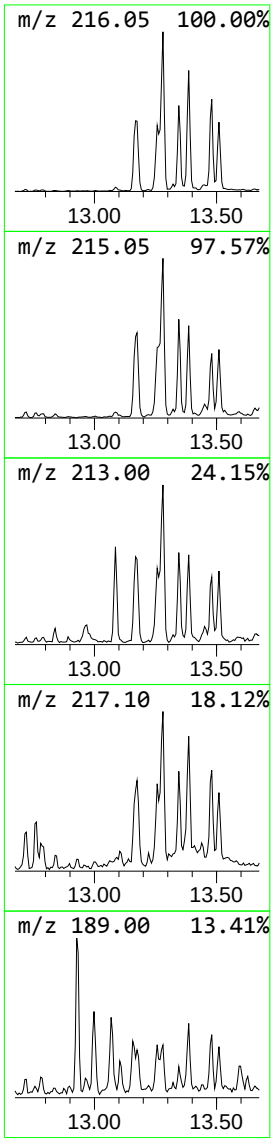
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	2.61 ng	381650	Chrysene-d12	14.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Misc :
ALS Vial : 21 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

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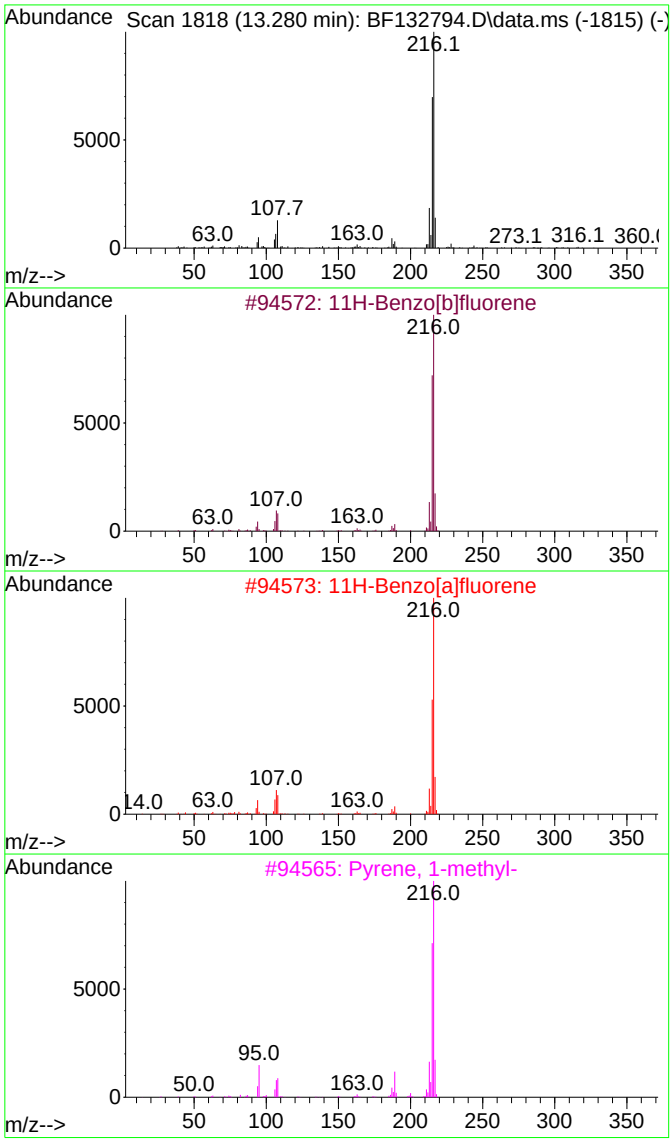
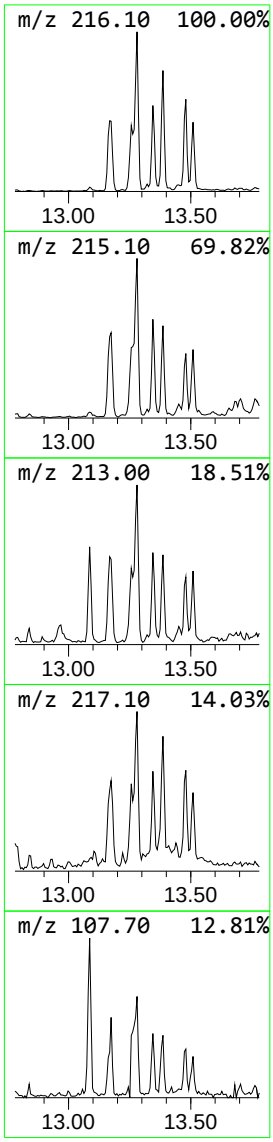
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	2.32 ng	339038	Chrysene-d12	14.156

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	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





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Misc :
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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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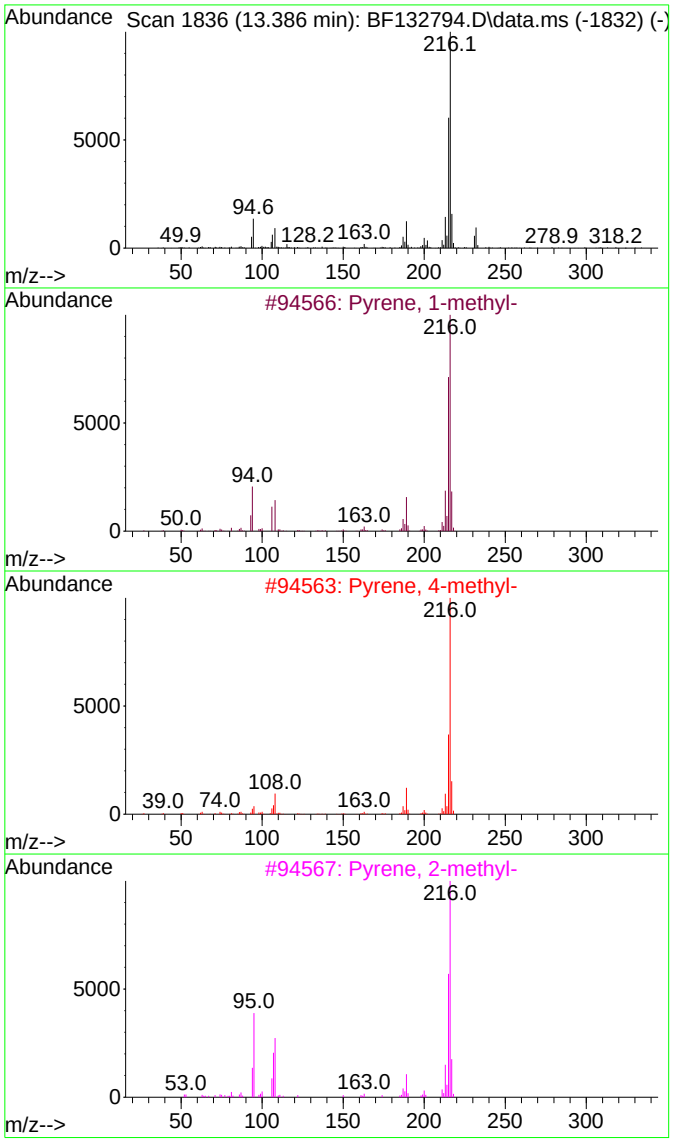
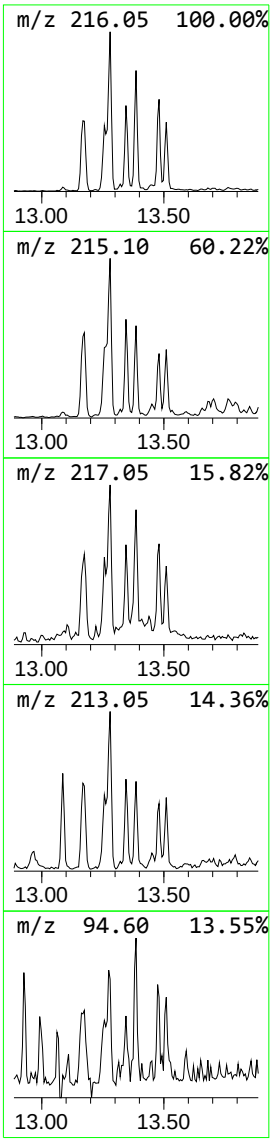
Peak Number 12 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.386	2.02 ng	295705	Chrysene-d12	14.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Sample : 01905-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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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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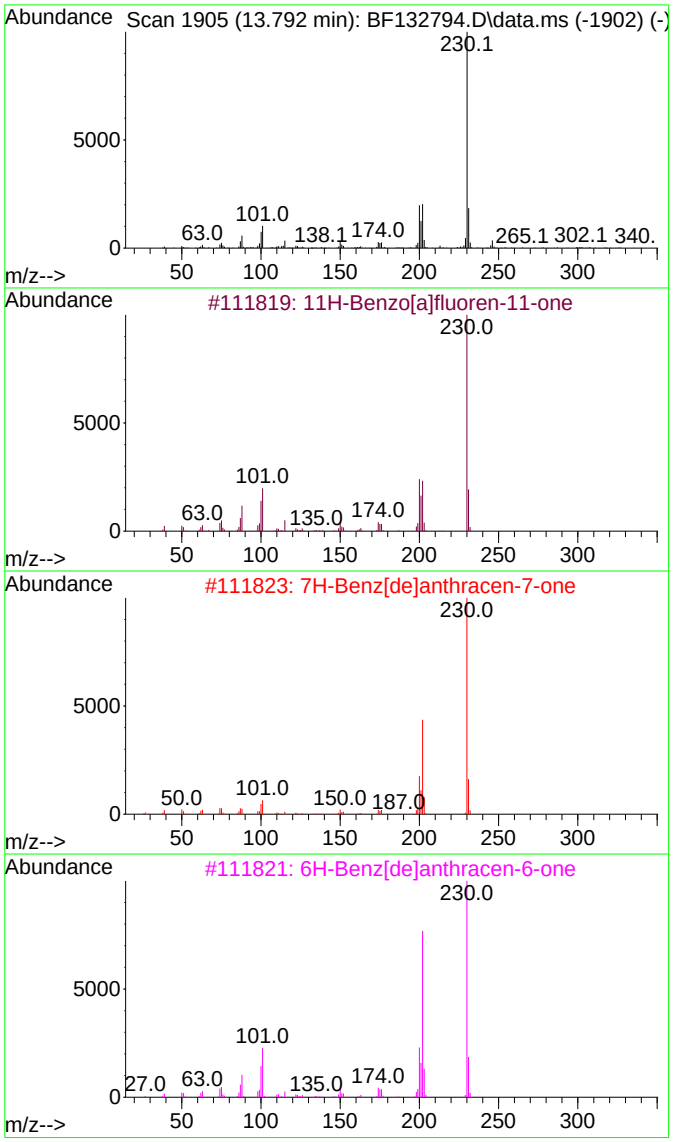
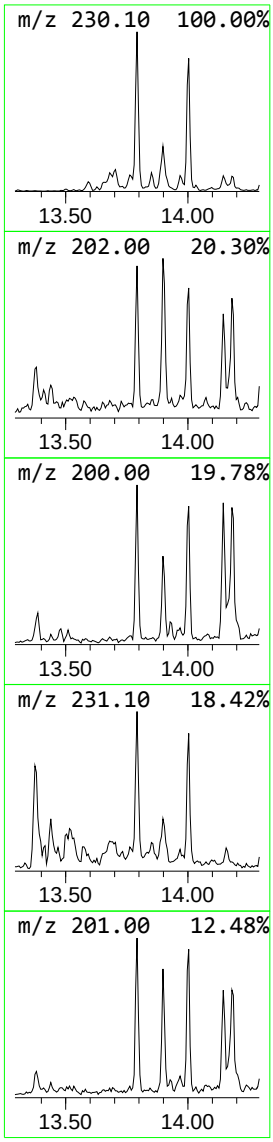
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	2.14 ng	312539	Chrysene-d12	14.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	74
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	64





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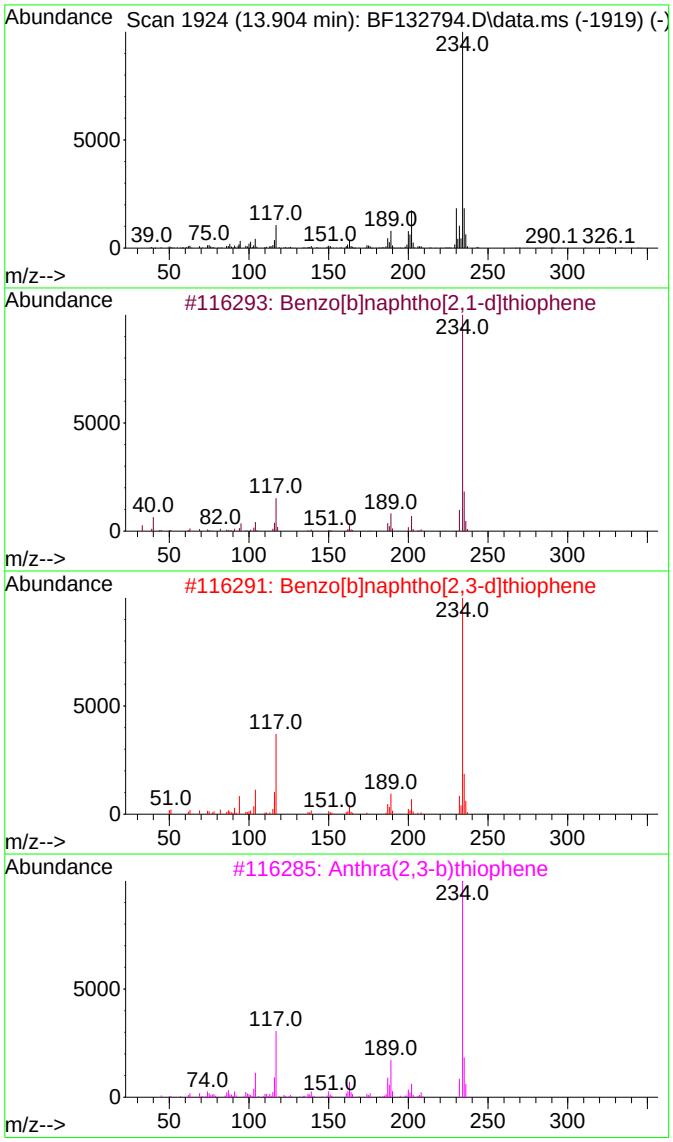
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

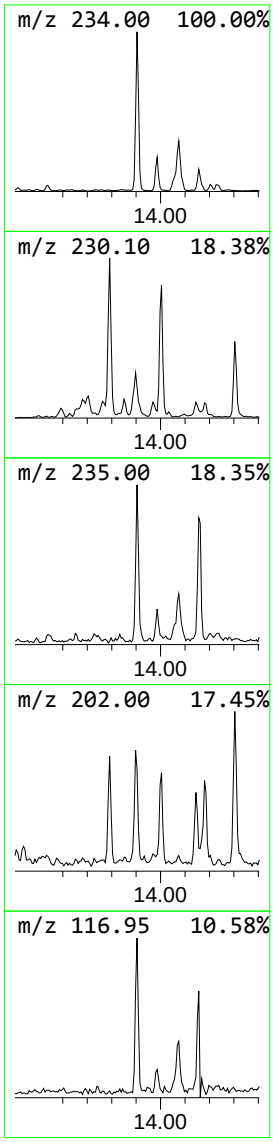
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.57 ng	374660	Chrysene-d12	14.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	81
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	59
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	53





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TIC Library : C:\Database\NIST20.L
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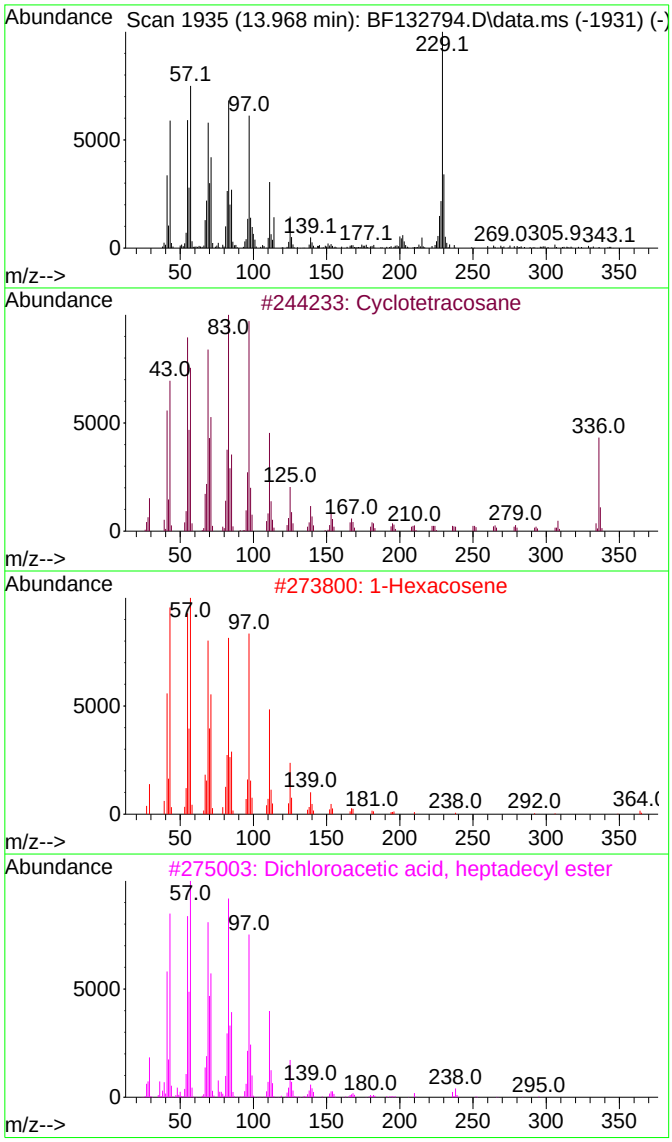
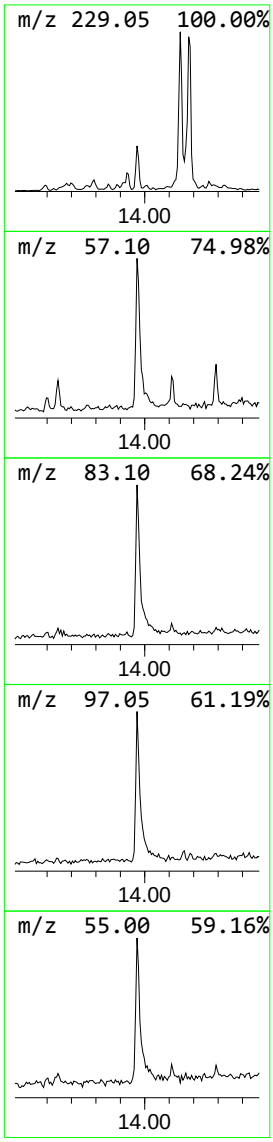
Peak Number 15 Cyclotetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.968	3.82 ng	558121	Chrysene-d12	14.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	84
2	1-Hexacosene	364	C26H52	018835-33-1	55
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	55
4	1-Docosene	308	C22H44	001599-67-3	55
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	55





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ClientSampleId :
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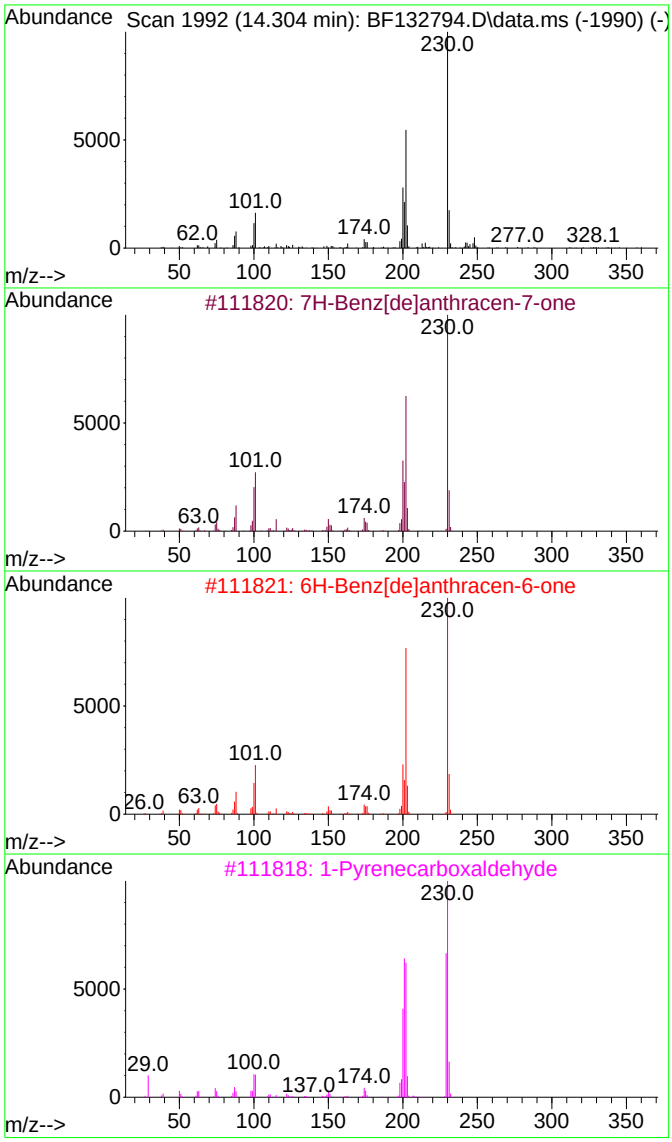
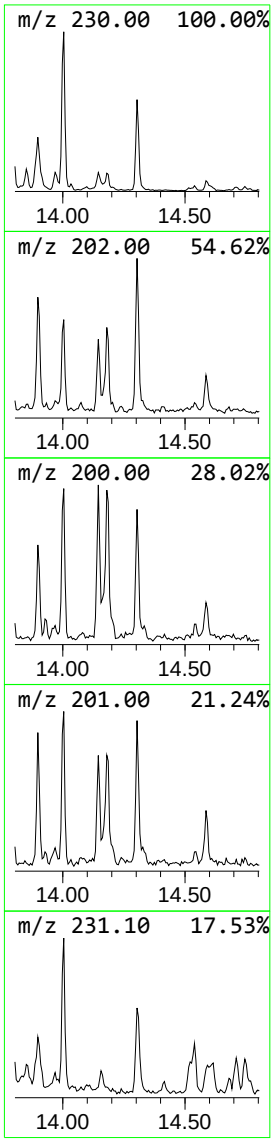
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	2.39 ng	348785	Chrysene-d12	14.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	94
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	89
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	89
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	74





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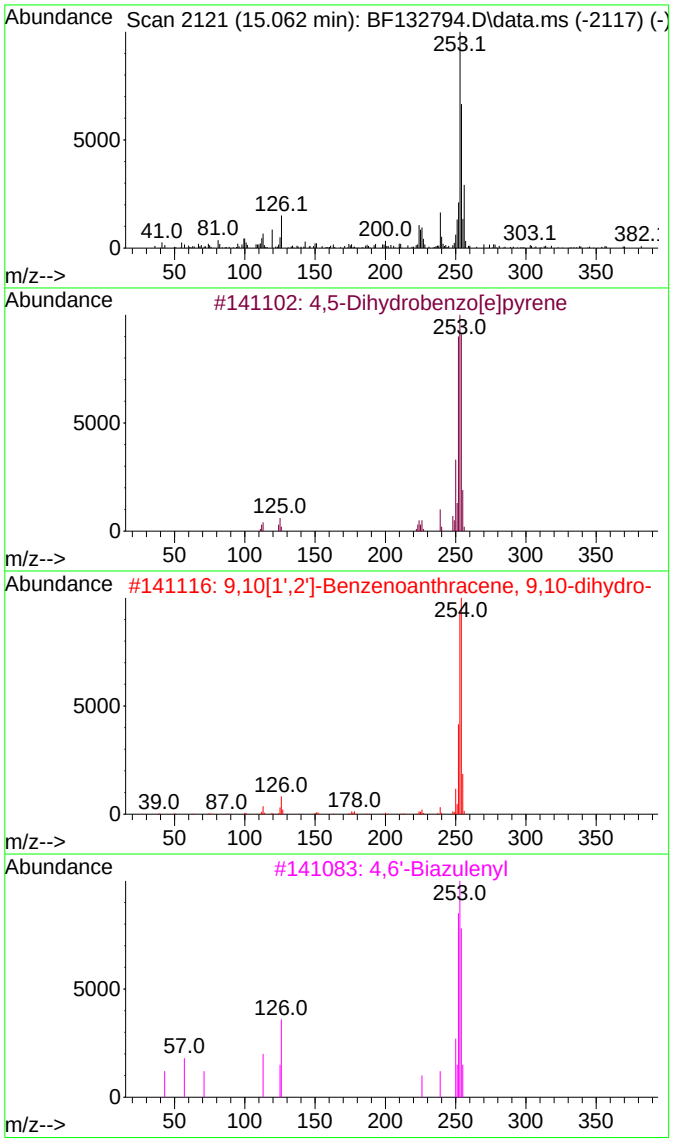
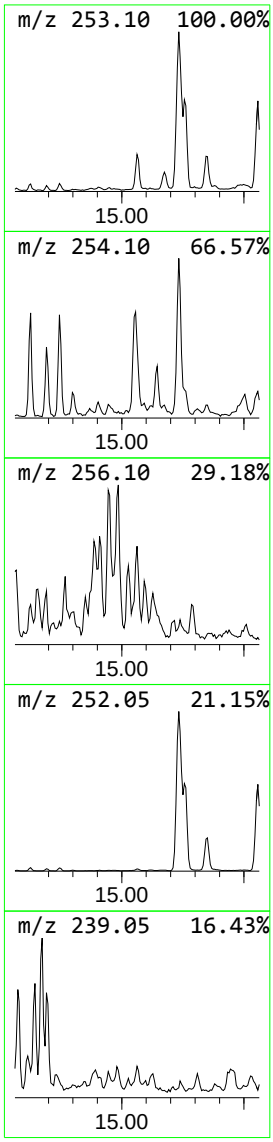
Peak Number 17 4,5-Dihydrobenzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	3.11 ng	192519	Perylene-d12	15.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	90
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
3	4,6'-Biazulenyl	254	C20H14	094154-49-1	62
4	4,4'-Biazulenyl	254	C20H14	094053-54-0	62
5	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	58





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Data File : BF132794.D
Acq On : 14 Mar 2023 23:38
Operator : CG\JU
Sample : 01905-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-1

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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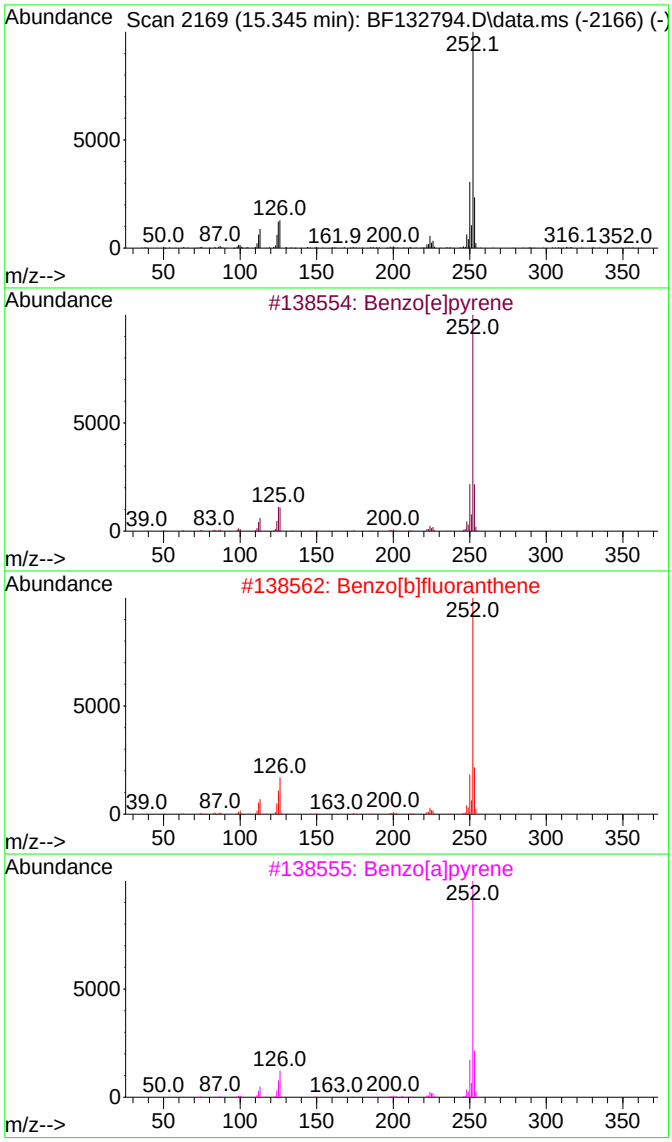
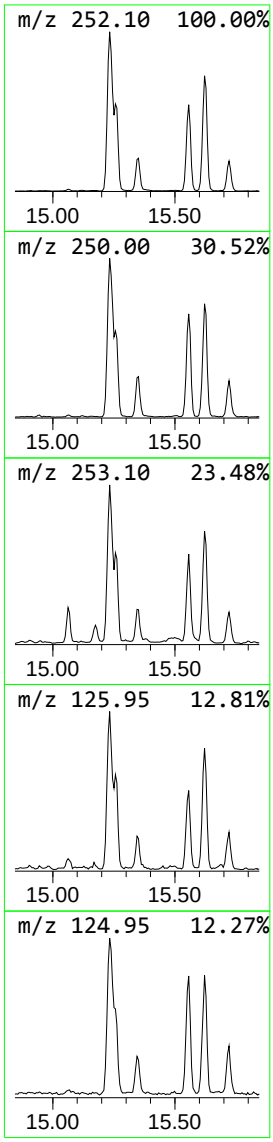
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	4.89 ng	302786	Perylene-d12	15.686

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	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132794.D
Acq On : 14 Mar 2023 23:38
Operator : CG\JU
Sample : 01905-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-1

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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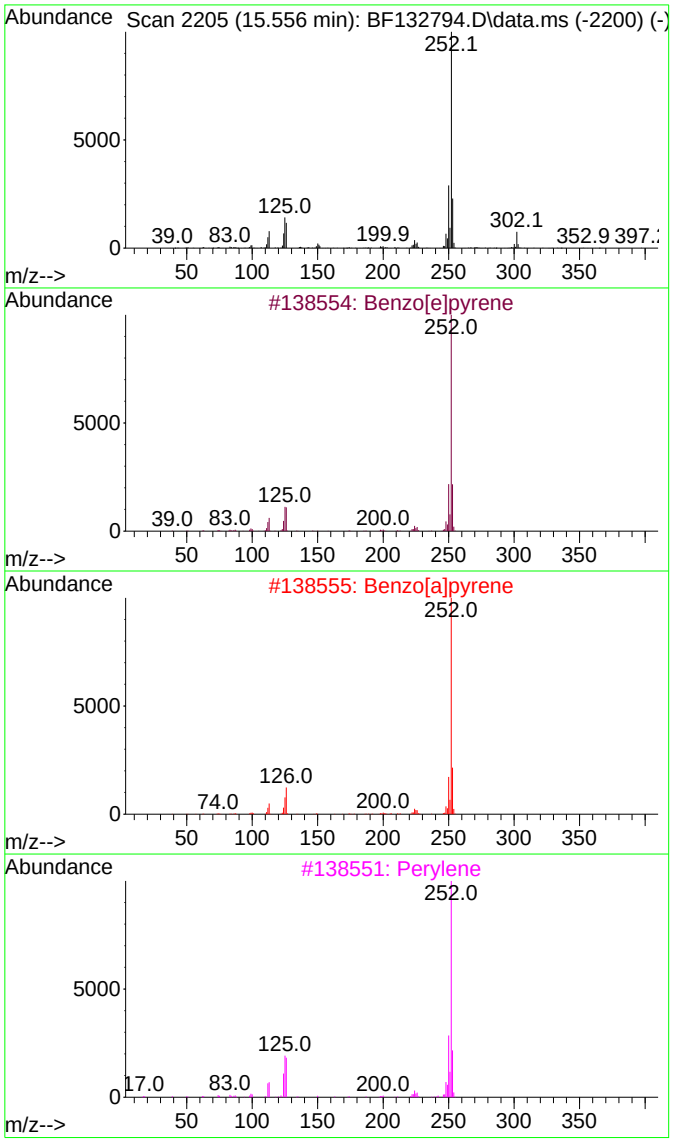
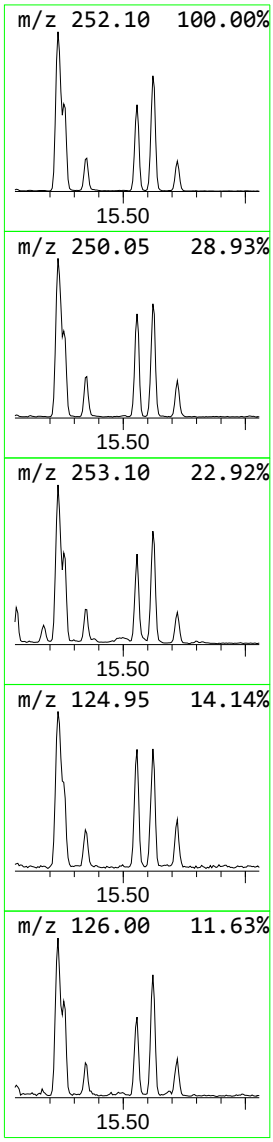
Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.557	14.43 ng	893816	Perylene-d12	15.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132794.D
Acq On : 14 Mar 2023 23:38
Operator : CG\JU
Sample : 01905-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-1

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-...	5.198	25.9	ng	1509260	1	6.963	1167540	20.0
Benzophenone	10.716	2.0	ng	159926	3	10.004	1595540	20.0
Phenanthrene, 2...	12.004	4.5	ng	343722	4	11.498	1522080	20.0
Anthracene, 2-m...	12.027	3.3	ng	251350	4	11.498	1522080	20.0
4H-Cyclopenta[d...	12.116	4.5	ng	340620	4	11.498	1522080	20.0
Phenanthrene, 4...	12.139	2.0	ng	152563	4	11.498	1522080	20.0
Phenanthrene, 2...	12.557	3.0	ng	231748	4	11.498	1522080	20.0
Cyclopenta(def)...	12.645	2.1	ng	163212	4	11.498	1522080	20.0
Benzene, 1,1'-(...	12.816	2.2	ng	167337	4	11.498	1522080	20.0
Pyrene, 1-methyl-	13.174	2.6	ng	381650	5	14.156	2920680	20.0
11H-Benzo[b]flu...	13.280	2.3	ng	339038	5	14.156	2920680	20.0
Pyrene, 4-methyl-	13.386	2.0	ng	295705	5	14.156	2920680	20.0
11H-Benzo[a]flu...	13.792	2.1	ng	312539	5	14.156	2920680	20.0
Benzo[b]naphtho...	13.904	2.6	ng	374660	5	14.156	2920680	20.0
Cyclotetracosane	13.968	3.8	ng	558121	5	14.156	2920680	20.0
7H-Benz[de]anth...	14.304	2.4	ng	348785	5	14.156	2920680	20.0
4,5-Dihydrobenz...	15.062	3.1	ng	192519	6	15.686	1238870	20.0
Benzo[e]pyrene	15.345	4.9	ng	302786	6	15.686	1238870	20.0
Perylene	15.557	14.4	ng	893816	6	15.686	1238870	20.0