LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134043.D
Acq On : 29 Jun 2023 18:37
Operator : CG\JU
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134043.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	18	rVB	1095610	1546453	68.89%	4.589%
2	2.246	25	27	40	rVB2	40668	79580	3.55%	0.236%
3	5.087	506	510	518	rBV	131359	156889	6.99%	0.466%
4	5.481	573	577	591	rVB	1982064	1941852	86.50%	5.762%
5	6.481	743	747	760	rBV	1836626	1951145	86.92%	5.790%
6	6.681	777	781	783	rBV3	30686	34939	1.56%	0.104%
7	6.845	806	809	816	rBV	697007	601051	26.77%	1.784%
8	7.410	901	905	908	rBV	1426502	1200348	53.47%	3.562%
9	7.433	908	909	914	rVB	36499	29569	1.32%	0.088%
10	8.128	1024	1027	1029	rVV	799528	681899	30.38%	2.023%
11	8.145	1029	1030	1033	rVB	102063	66813	2.98%	0.198%
12	8.716	1123	1127	1131	rBV	40519	33000	1.47%	0.098%
13	8.839	1145	1148	1152	rVB	105012	77237	3.44%	0.229%
14	8.939	1161	1165	1168	rBV	82973	69569	3.10%	0.206%
15	9.204	1206	1210	1213	rBV	2450998	1948997	86.82%	5.783%
16	9.280	1220	1223	1225	rBV	48021	40063	1.78%	0.119%
17	9.398	1240	1243	1248	rVB	26177	34813	1.55%	0.103%
18	9.469	1250	1255	1259	rBV	47672	66662	2.97%	0.198%
19	9.539	1264	1267	1270	rBV	66563	65060	2.90%	0.193%
20	9.657	1285	1287	1292	rVB	51861	53752	2.39%	0.160%
21	9.745	1299	1302	1306	rVB	100723	82314	3.67%	0.244%
22	9.810	1311	1313	1317	rVB	38803	28931	1.29%	0.086%
23	9.886	1317	1326	1328	rBV	707354	648400	28.88%	1.924%
24	9.916	1328	1331	1335	rVB	659596	522977	23.30%	1.552%
25	9.986	1340	1343	1348	rVB	29812	37712	1.68%	0.112%
26	10.039	1348	1352	1355	rBV2	47582	52032	2.32%	0.154%
27	10.092	1357	1361	1364	rBV	385804	336699	15.00%	0.999%
28	10.127	1364	1367	1372	rVB4	31034	32945	1.47%	0.098%
29	10.204	1376	1380	1382	rBV2	40608	49241	2.19%	0.146%
30	10.292	1391	1395	1397	rBV5	27873	38811	1.73%	0.115%
31	10.316	1397	1399	1401	rVB2	51311	41643	1.86%	0.124%
32	10.433	1415	1419	1425	rBV	348709	311714	13.89%	0.925%
33	10.486	1425	1428	1429	rBV	36702	37314	1.66%	0.111%
34	10.521	1432	1434	1436	rVV	82761	69325	3.09%	0.206%
35	10.569	1440	1442	1444	rVV	39541	33696	1.50%	0.100%
36	10.598	1444	1447	1451	rVB2	401152	388465	17.30%	1.153%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.674	1457	1460	1465	rBV	1062534	1050052	46.78%	3.116%
38	10.804	1477	1482	1488	rVB3	72382	106757	4.76%	0.317%
39	10.910	1497	1500	1504	rBV	63875	57795	2.57%	0.172%
40	10.986	1506	1513	1515	rBV3	87478	123204	5.49%	0.366%
41	11.010	1515	1517	1520	rVV3	47220	52634	2.34%	0.156%
42	11.069	1524	1527	1529	rVV2	48339	42988	1.91%	0.128%
43	11.116	1529	1535	1537	rVV3	52061	78987	3.52%	0.234%
44	11.133	1537	1538	1541	rVV	56243	53270	2.37%	0.158%
45	11.186	1544	1547	1551	rVV2	62945	68310	3.04%	0.203%
46	11.239	1551	1556	1559	rVV2	79975	122156	5.44%	0.362%
47	11.274	1559	1562	1569	rVB	188627	169595	7.55%	0.503%
48	11.380	1576	1580	1582	rBV	696316	643616	28.67%	1.910%
49	11.404	1582	1584	1588	rVV	1600348	1341555	59.76%	3.981%
50	11.457	1588	1593	1596	rVV	792254	678629	30.23%	2.014%
51	11.486	1596	1598	1601	rVB2	53274	55079	2.45%	0.163%
52	11.610	1613	1619	1627	rBV3	97967	190768	8.50%	0.566%
53	11.674	1627	1630	1634	rVV3	80379	80274	3.58%	0.238%
54	11.710	1634	1636	1642	rVB4	38778	49675	2.21%	0.147%
55	11.886	1662	1666	1668	rBV	217973	201528	8.98%	0.598%
56	11.910	1668	1670	1674	rVV	385034	358797	15.98%	1.065%
57	11.963	1675	1679	1681	rVV2	124780	123268	5.49%	0.366%
58	11.998	1681	1685	1687	rVV	472484	454199	20.23%	1.348%
59	12.016	1687	1688	1693	rVB	136174	117376	5.23%	0.348%
60	12.086	1694	1700	1703	rBV5	37998	78240	3.49%	0.232%
61	12.180	1713	1716	1719	rBV	181772	153454	6.84%	0.455%
62	12.210	1719	1721	1724	rVB	83962	66046	2.94%	0.196%
63	12.333	1739	1742	1745	rVB	69198	57910	2.58%	0.172%
64	12.363	1745	1747	1749	rBV	57399	48373	2.15%	0.144%
65	12.386	1749	1751	1754	rVB	45416	39138	1.74%	0.116%
66	12.439	1757	1760	1763	rBV2	119582	129582	5.77%	0.385%
67	12.474	1763	1766	1769	rVV2	79945	89319	3.98%	0.265%
68	12.527	1772	1775	1780	rBV2	92218	108000	4.81%	0.320%
69	12.610	1784	1789	1792	rBV	2424948	2244849	100.00%	6.661%
70	12.645	1792	1795	1797	rBV2	65743	61138	2.72%	0.181%
71	12.698	1802	1804	1806	rBV2	61213	50441	2.25%	0.150%
72	12.757	1811	1814	1816	rVB	55450	58005	2.58%	0.172%
73	12.833	1821	1827	1833	rBV2	1711467	2218309	98.82%	6.583%
74	12.880	1833	1835	1840	rVB2	106227	114571	5.10%	0.340%
75	12.951	1844	1847	1848	rBV	125623	109514	4.88%	0.325%
76	12.980	1848	1852	1858	rVB	1920137	1940832	86.46%	5.759%

LSC Area Percent Report

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Acq On : 29 Jun 2023 18:37
Operator : CG\JU
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-SB-25RE

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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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.057	1860	1865	1868	rBV2	127043	212604	9.47%	0.631%
78	13.139	1876	1879	1880	rBV2	103379	108644	4.84%	0.322%
79	13.162	1880	1883	1886	rVB	303659	303839	13.53%	0.902%
80	13.233	1892	1895	1897	rVB	207348	179573	8.00%	0.533%
81	13.268	1897	1901	1903	rBV2	179056	183720	8.18%	0.545%
82	13.321	1908	1910	1914	rBV2	45908	51223	2.28%	0.152%
83	13.362	1914	1917	1919	rBV	81005	69618	3.10%	0.207%
84	13.392	1919	1922	1925	rBV3	87704	88202	3.93%	0.262%
85	13.674	1967	1970	1974	rVB	113812	120662	5.38%	0.358%
86	13.786	1986	1989	1992	rBV3	117924	131724	5.87%	0.391%
87	13.815	1992	1994	1996	rVV	143738	111203	4.95%	0.330%
88	13.839	1996	1998	2000	rVV	107096	110744	4.93%	0.329%
89	13.886	2003	2006	2015	rVB4	163101	248902	11.09%	0.739%
90	14.033	2025	2031	2035	rBV2	923646	1541140	68.65%	4.573%
91	14.068	2035	2037	2042	rVB	736713	631061	28.11%	1.873%
92	14.145	2048	2050	2053	rVB	105538	85228	3.80%	0.253%
93	14.433	2096	2099	2102	rVB	119319	112682	5.02%	0.334%
94	14.462	2102	2104	2108	rVB	74891	76774	3.42%	0.228%
95	15.104	2209	2213	2216	rBV	463253	707503	31.52%	2.099%
96	15.215	2230	2232	2235	rVB	89126	78247	3.49%	0.232%
97	15.415	2263	2266	2272	rVB	250917	351778	15.67%	1.044%
98	15.480	2273	2277	2283	rVB	342425	450743	20.08%	1.338%
99	15.545	2285	2288	2292	rBV	257182	340949	15.19%	1.012%
100	17.092	2548	2551	2558	rVB2	125656	222732	9.92%	0.661%

Sum of corrected areas: 33699638

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
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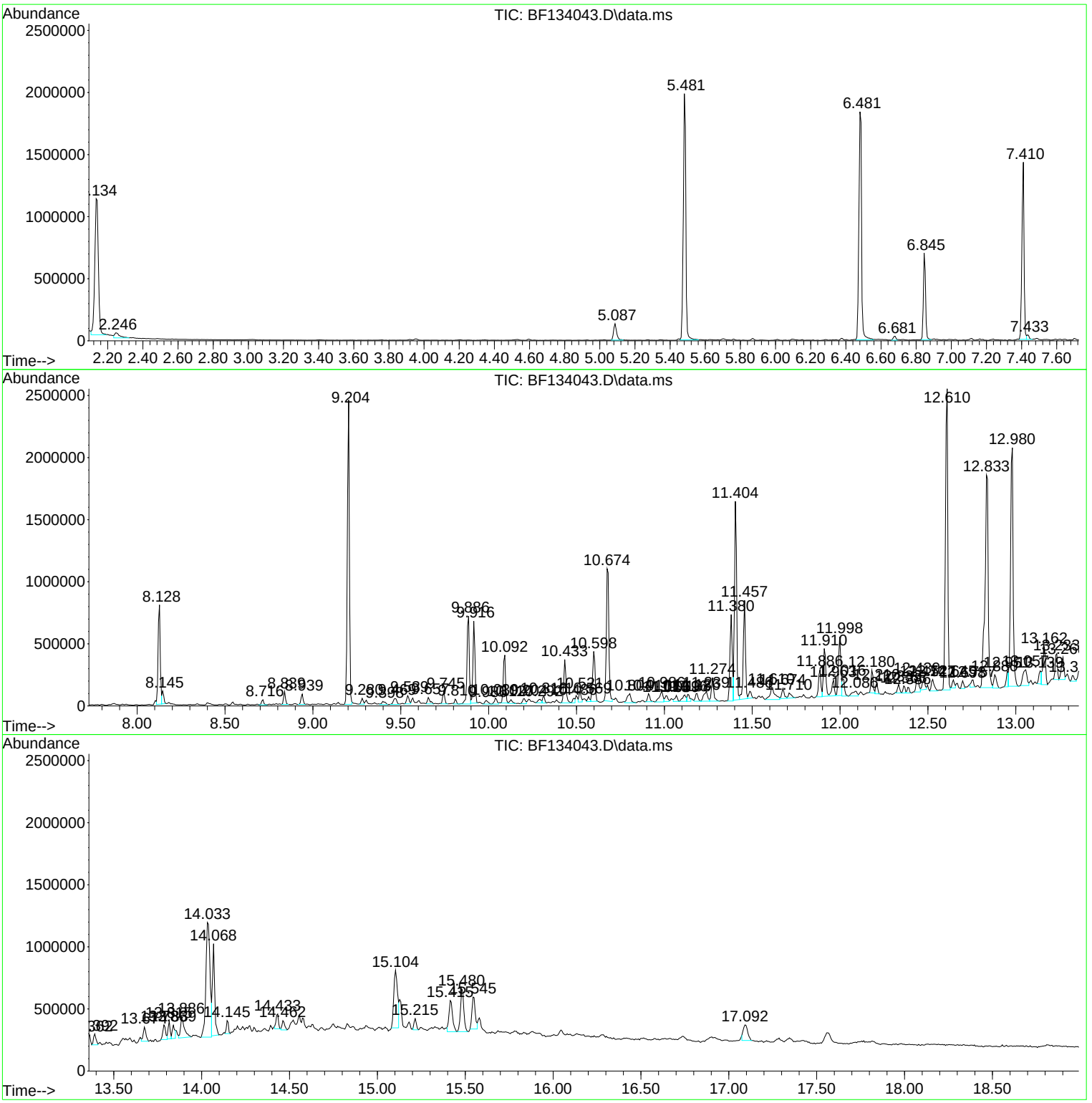
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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\BF062923\
Data File : BF134043.D
Acq On : 29 Jun 2023 18:37
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

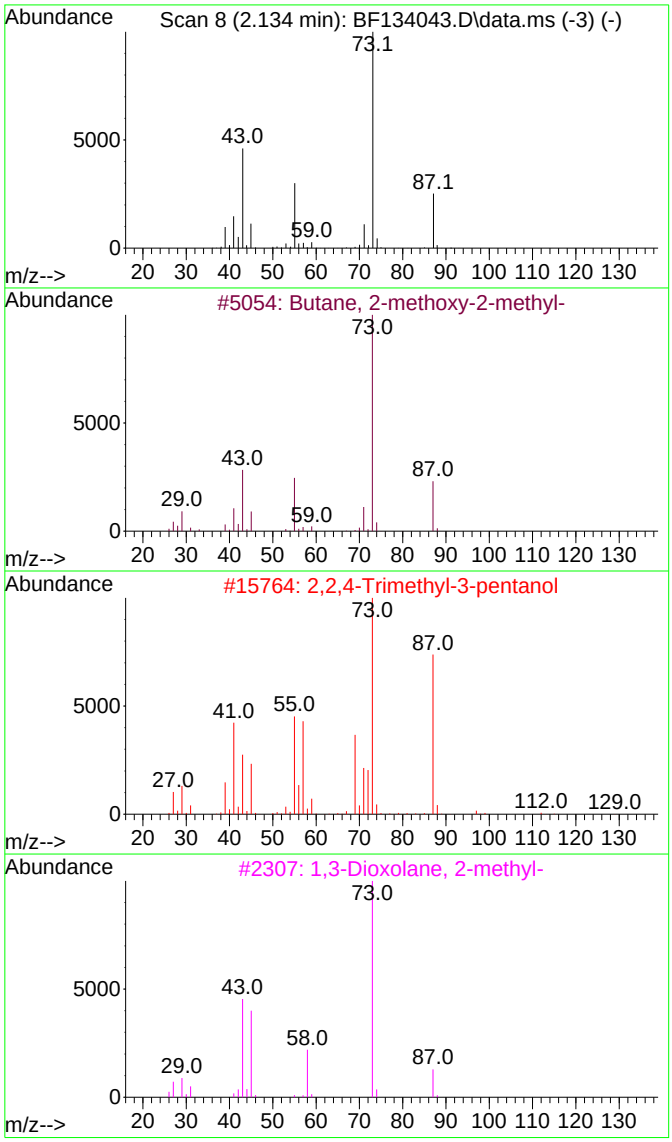
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

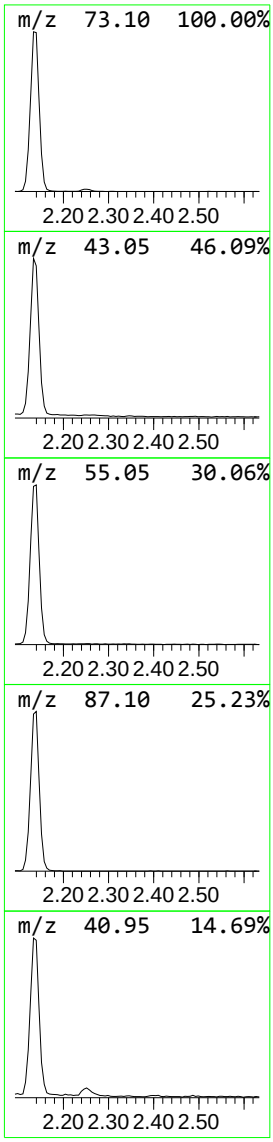
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	51.46 ng	1546450	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134043.D
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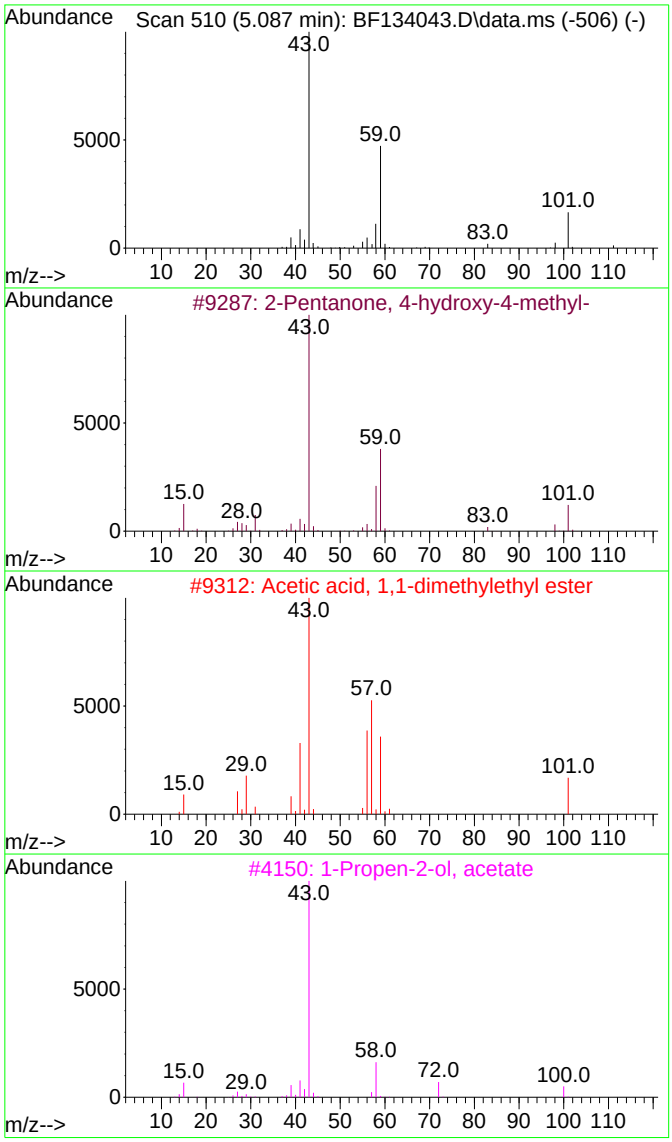
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

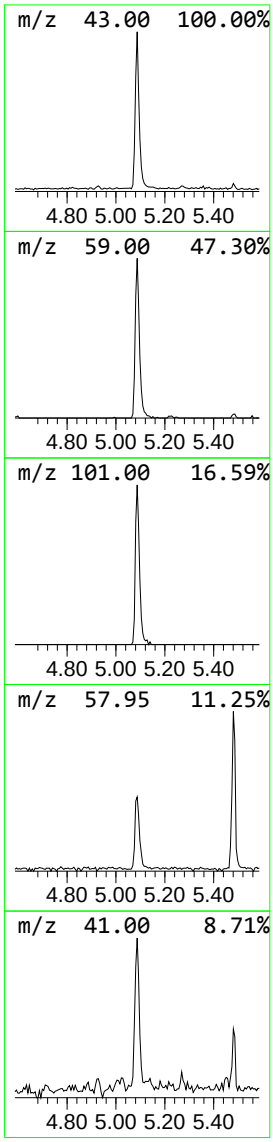
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	5.22 ng	156889	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

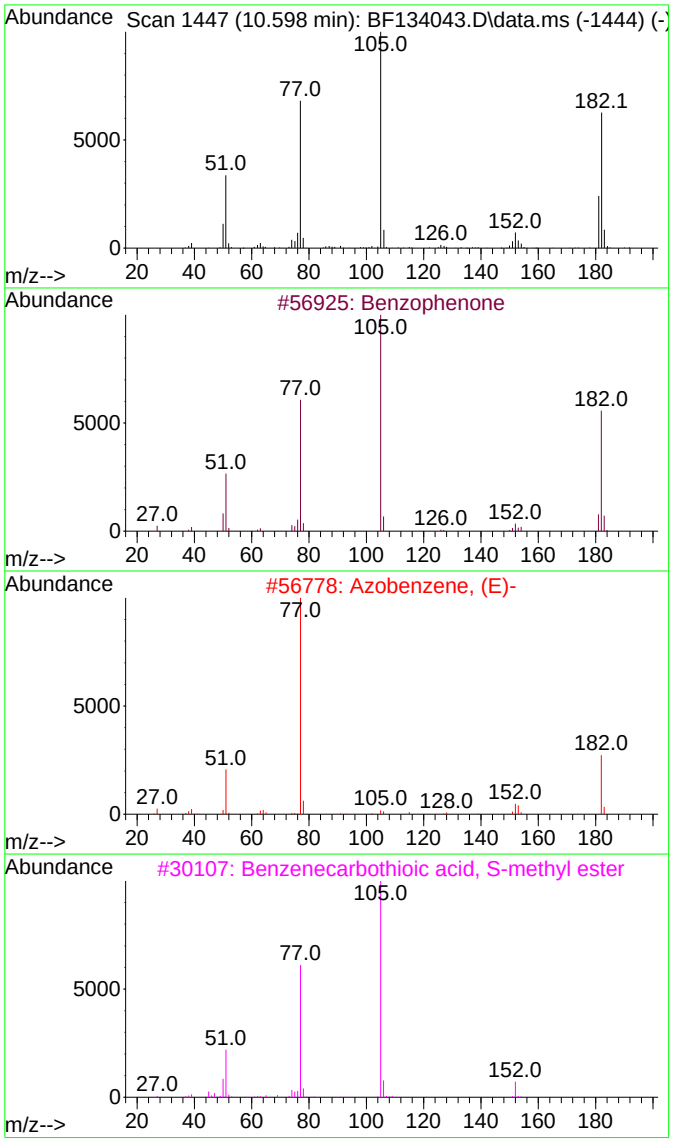
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

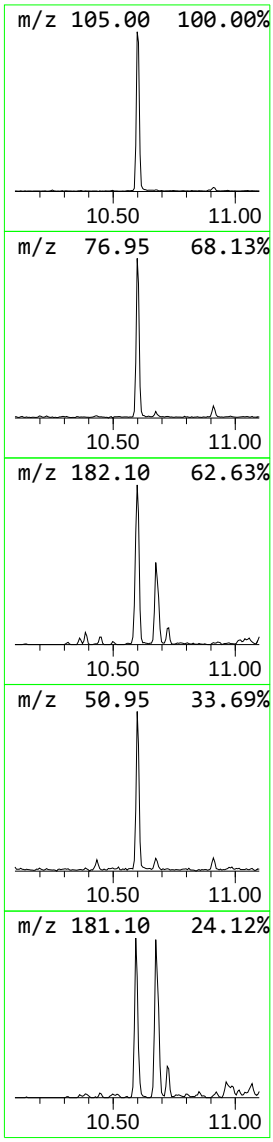
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	11.98 ng	388465	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	47
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4	Benzoylformic acid	150	C8H6O3	000611-73-4	45
5	Benzoyl bromide	184	C7H5BrO	000618-32-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134043.D
Acq On : 29 Jun 2023 18:37
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

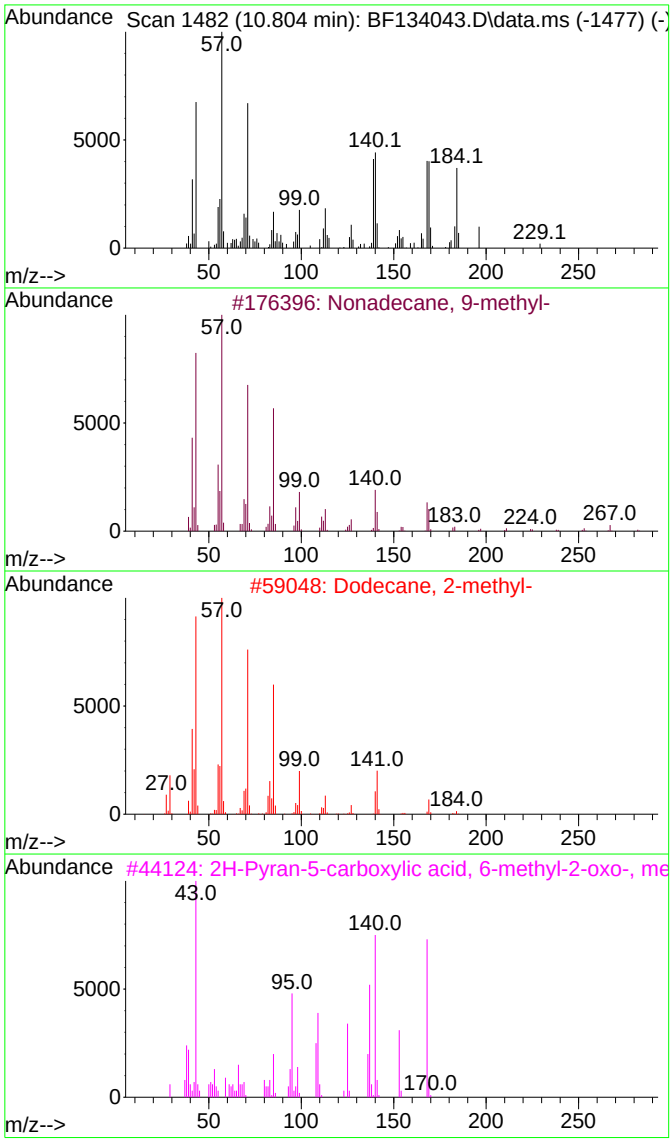
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

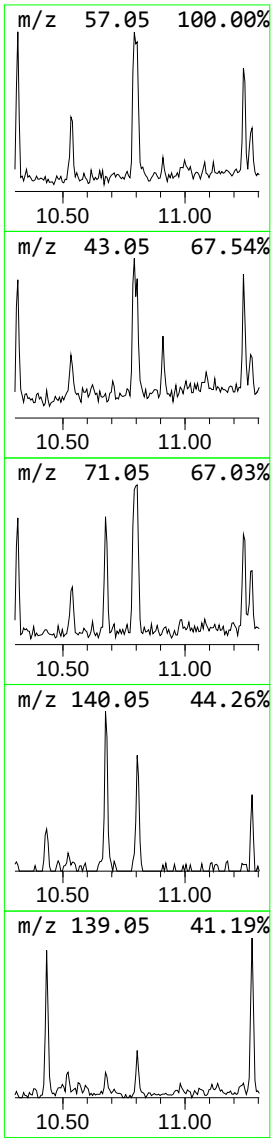
****

Peak Number 4 unknown10.804 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	3.32 ng	106757	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	47
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	14
3	2H-Pyran-5-carboxylic acid, 6-me...	168	C8H8O4	000669-40-9	14
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	11
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134043.D
Acq On : 29 Jun 2023 18:37
Operator : CG\JU
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

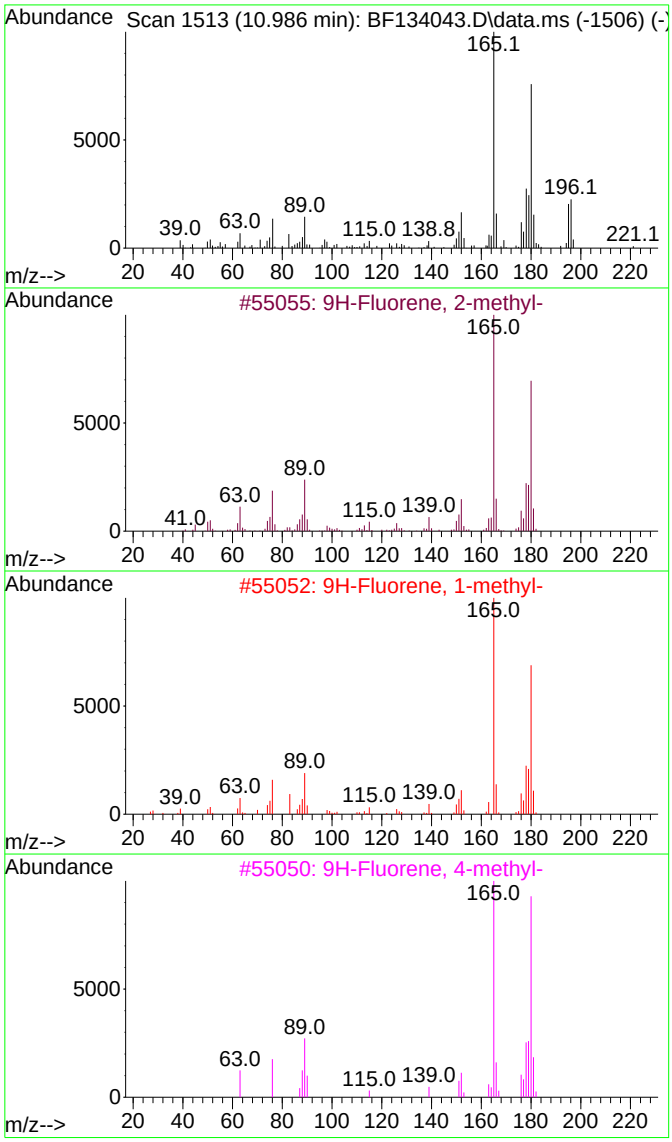
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

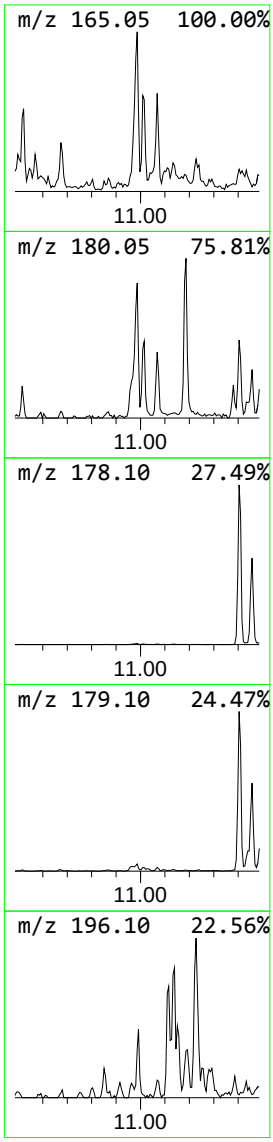
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.986	3.83 ng	123204	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83





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Acq On : 29 Jun 2023 18:37
Operator : CG\JU
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

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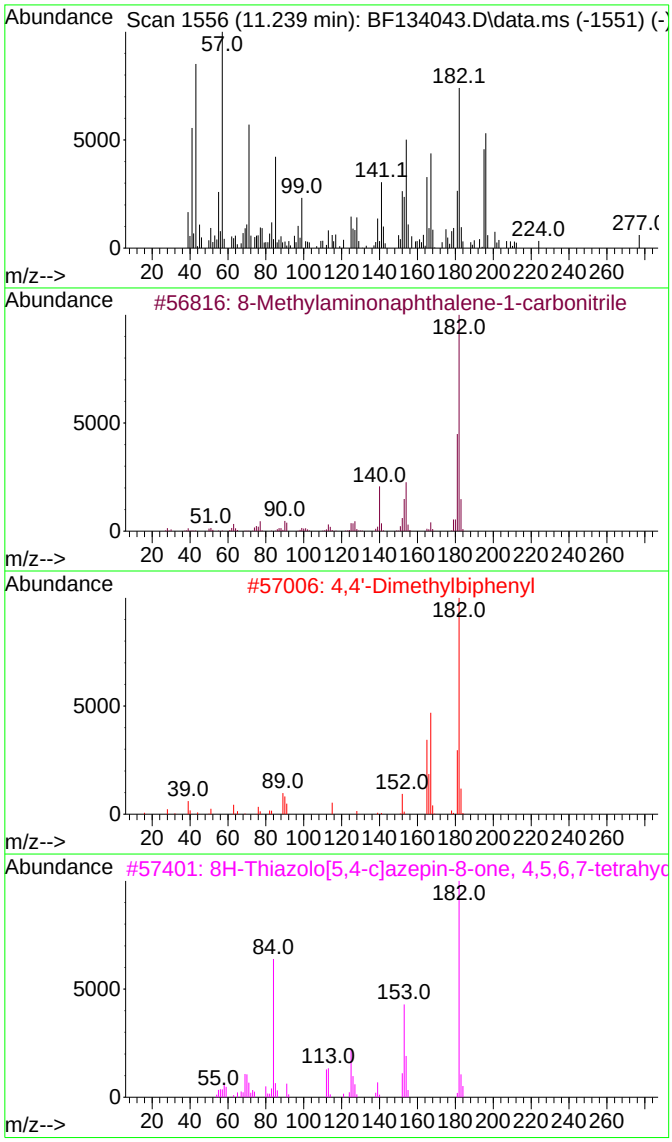
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

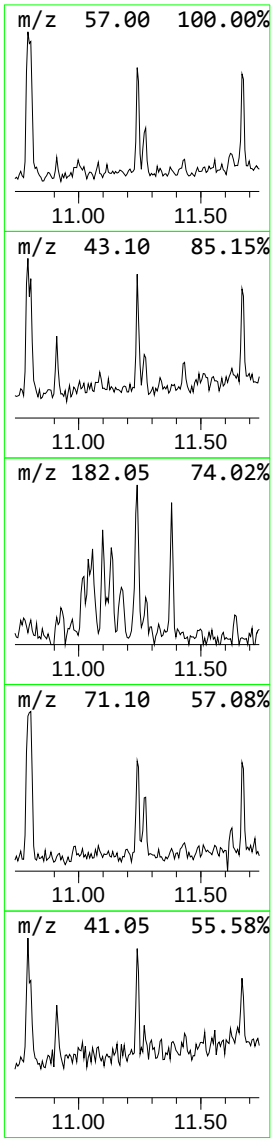
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 8-Methylaminonaphthalene-1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	3.80 ng	122156	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Methylaminonaphthalene-1-carbo...	182	C12H10N2	1000187-15-2	50
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38
3	8H-Thiazolo[5,4-c]azepin-8-one, ...	182	C8H10N2OS	031967-03-0	35
4	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	30
5	Acetic acid, 2,3-dihydro-7-methy...	224	C9H8N2O3S	1000350-24-1	25





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Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

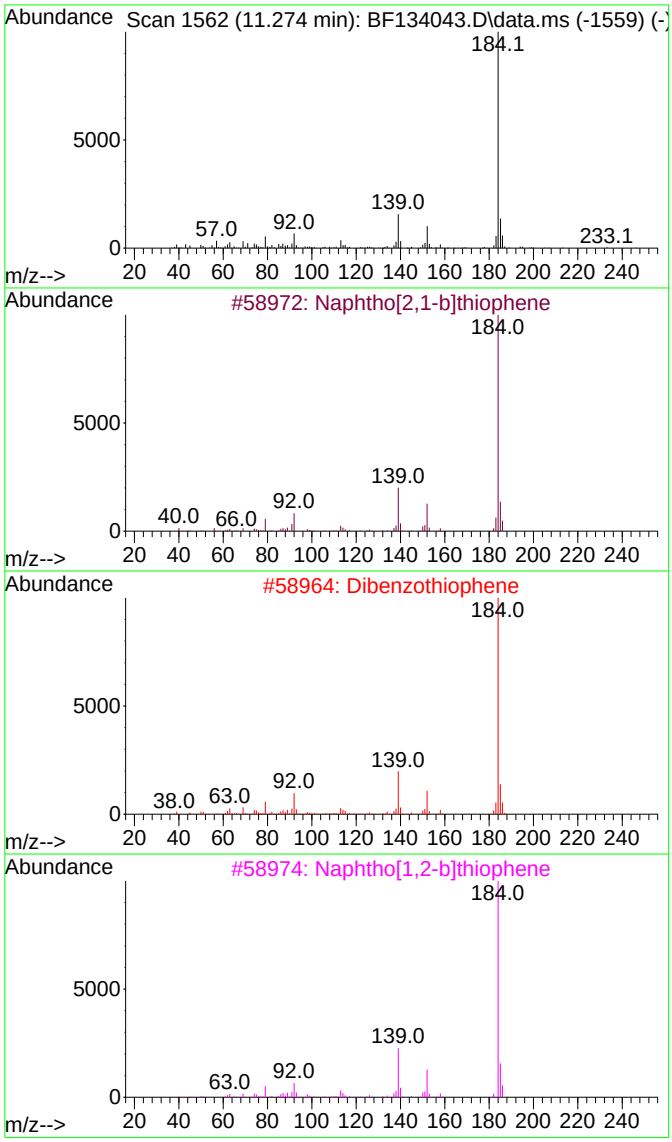
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

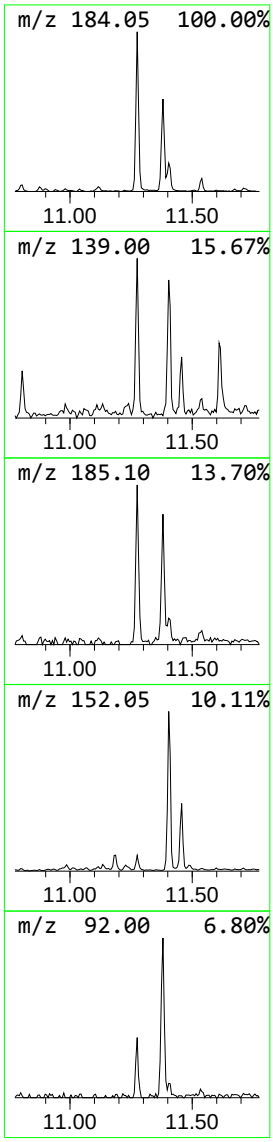
****

Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.274	5.27 ng	169595	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

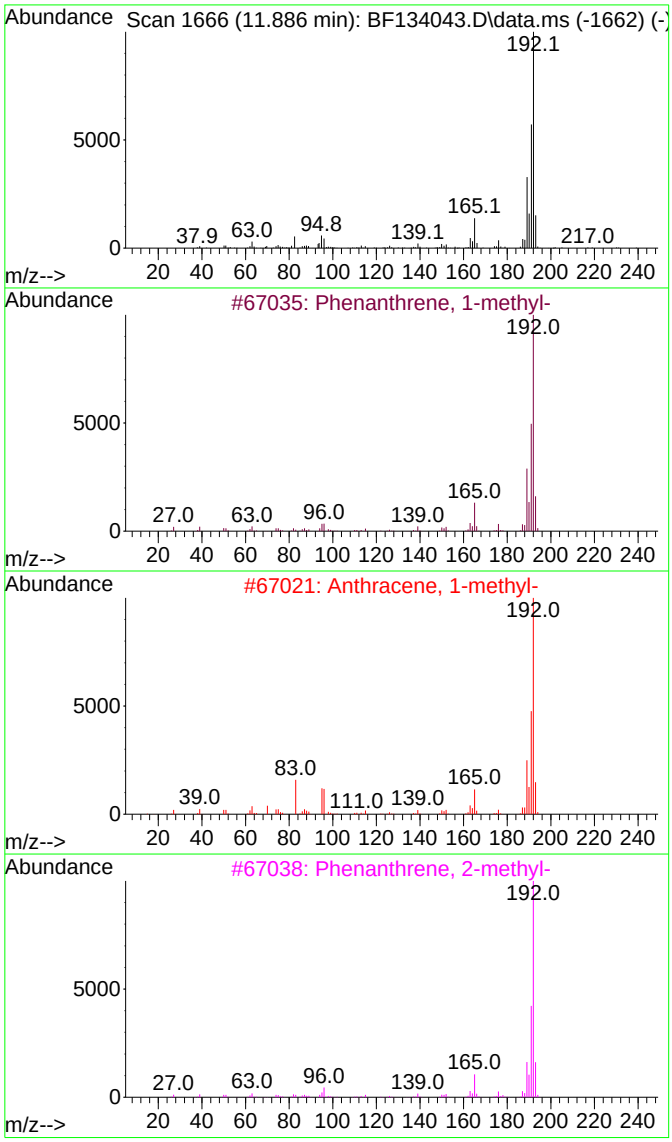
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

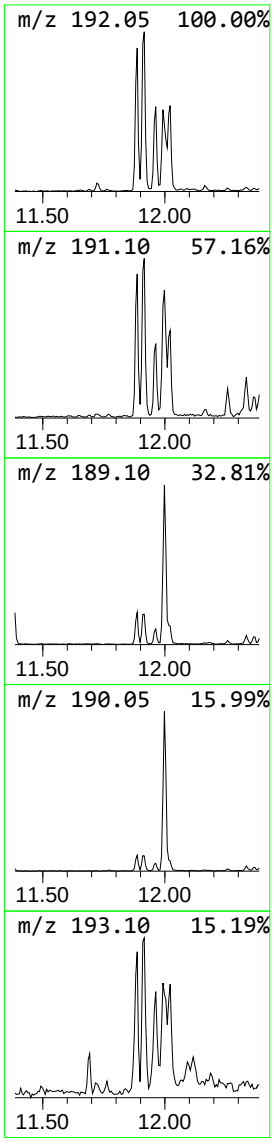
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	6.26 ng	201528	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Operator : CG\JU
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

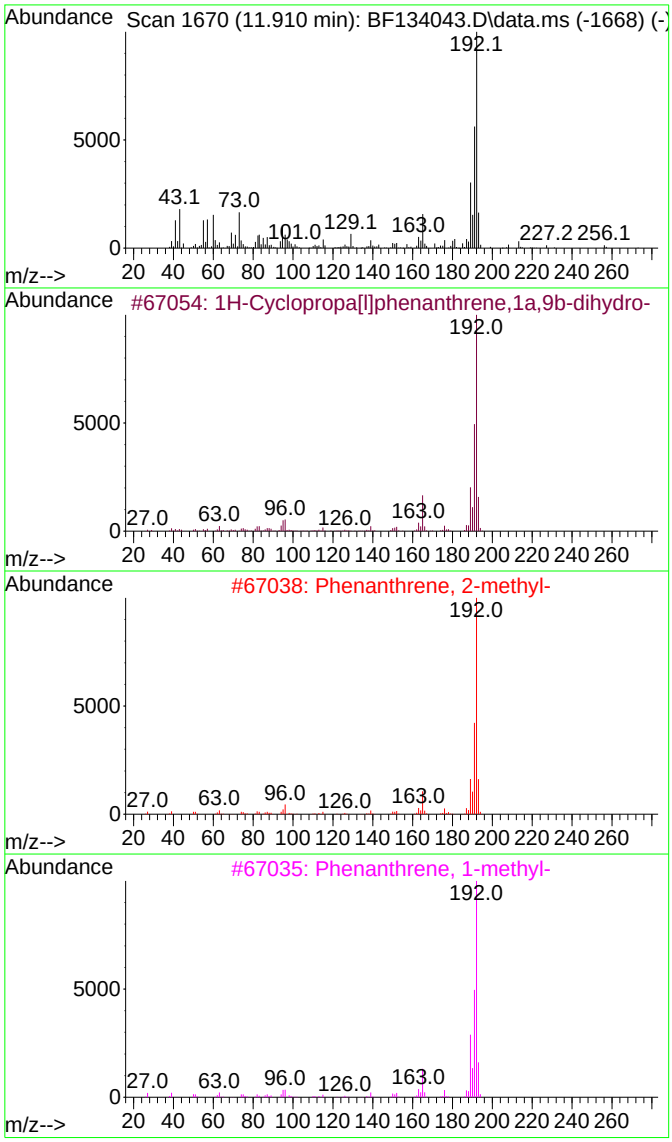
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

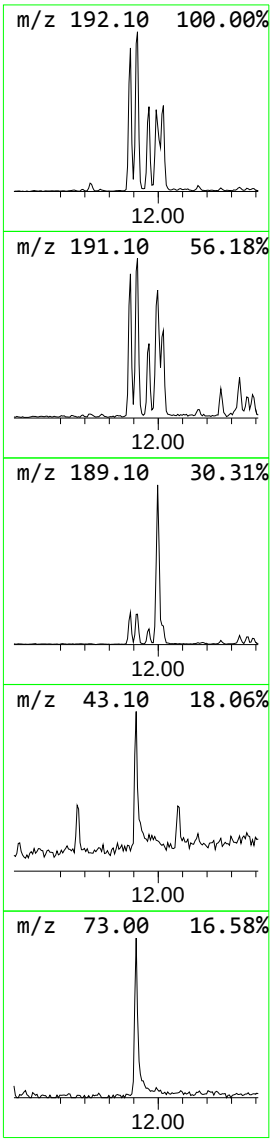
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	11.15 ng	358797	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

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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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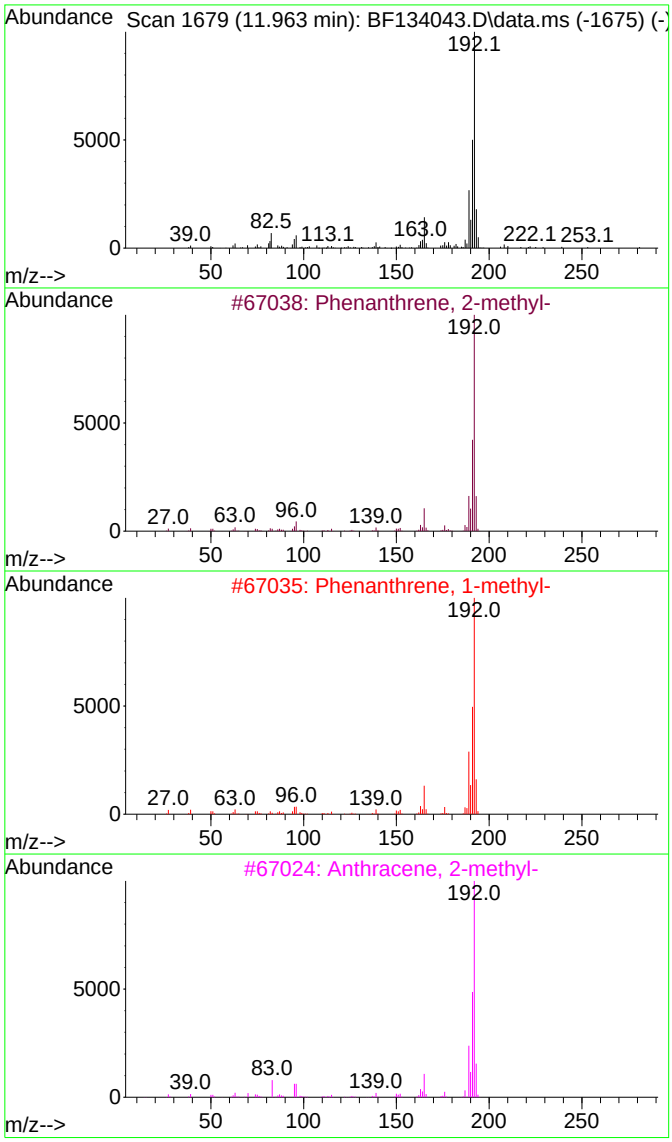
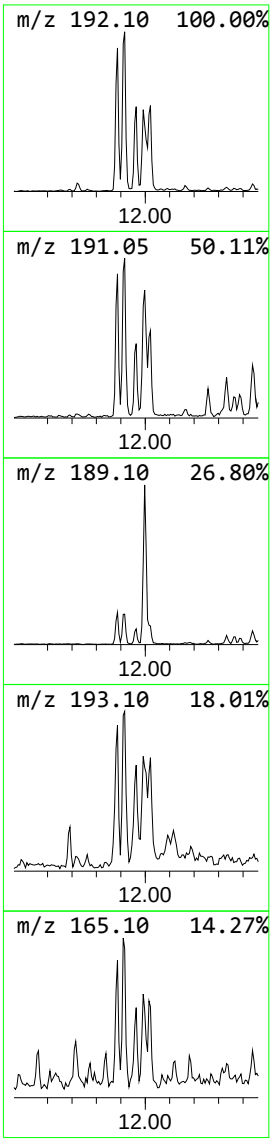
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	3.83 ng	123268	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

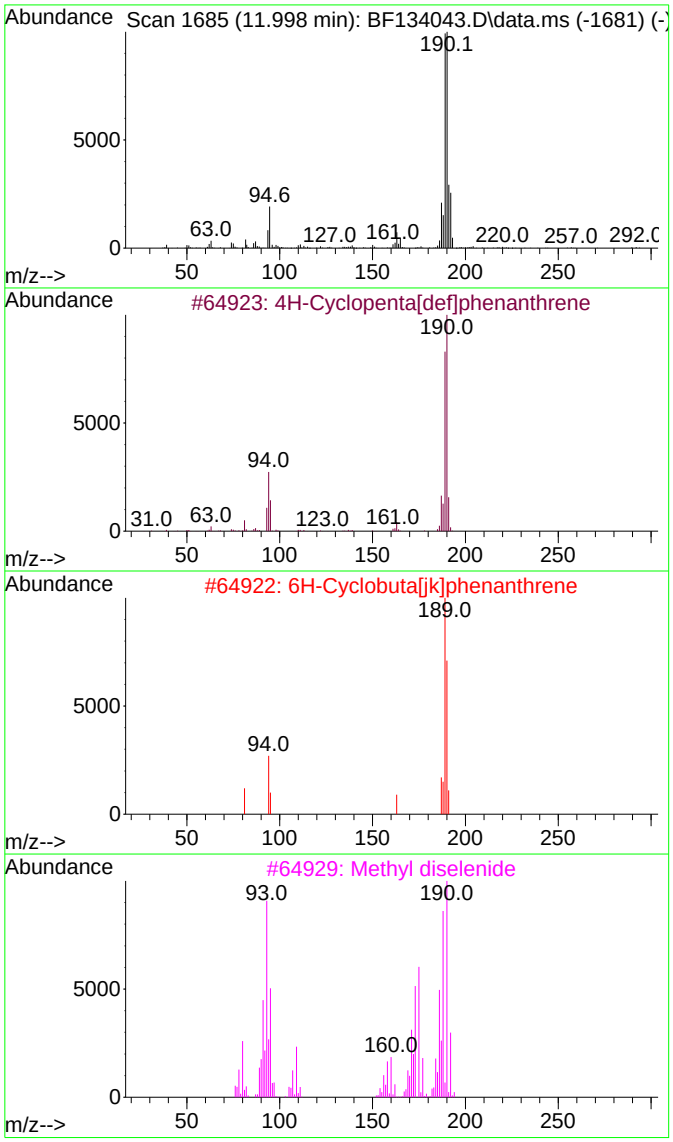
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

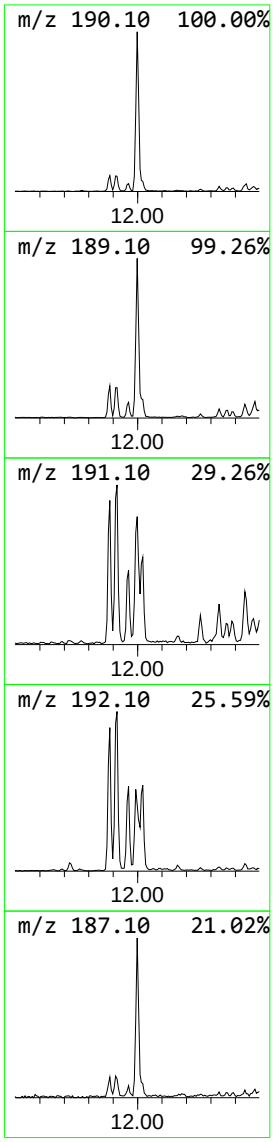
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	14.11 ng	454199	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Operator : CG\JU
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-SB-25RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

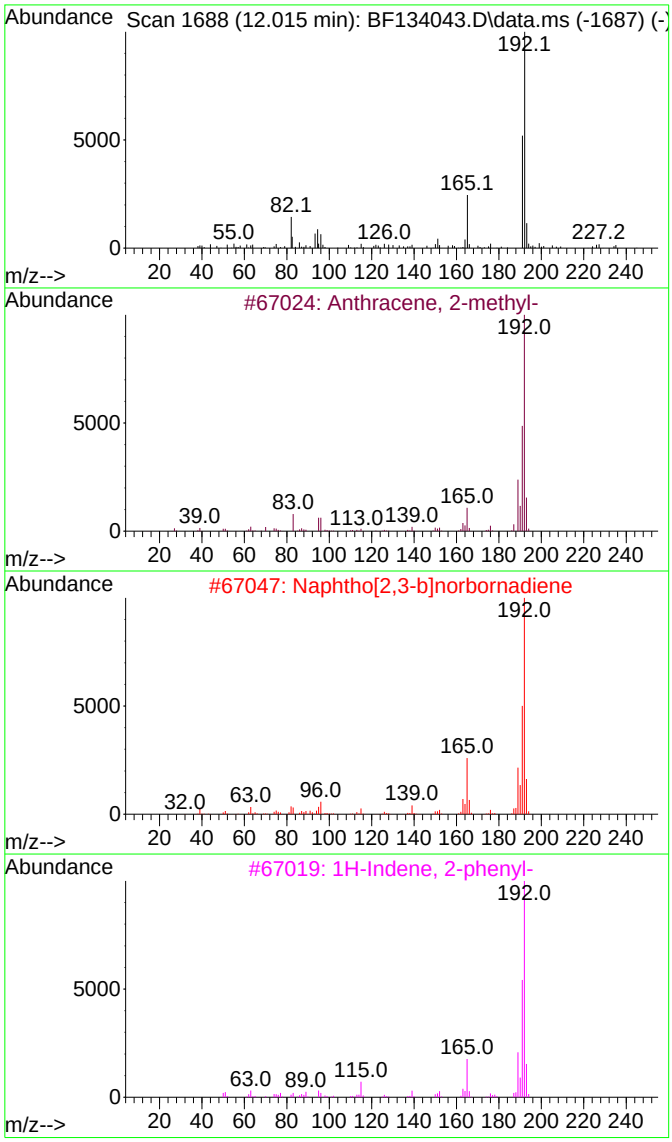
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

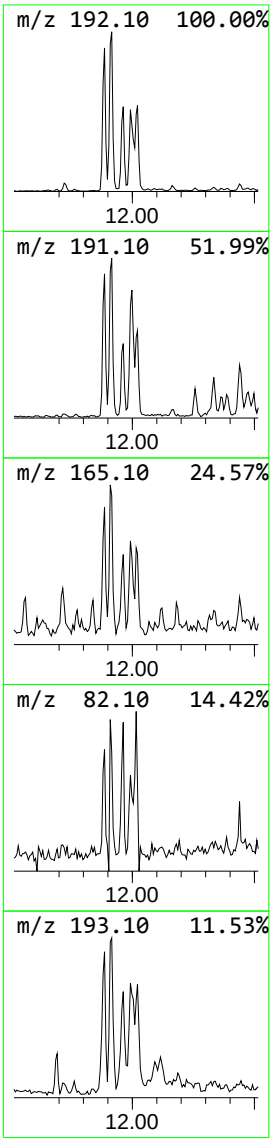
****

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.015	3.65 ng	117376	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	74
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	68
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-SB-25RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

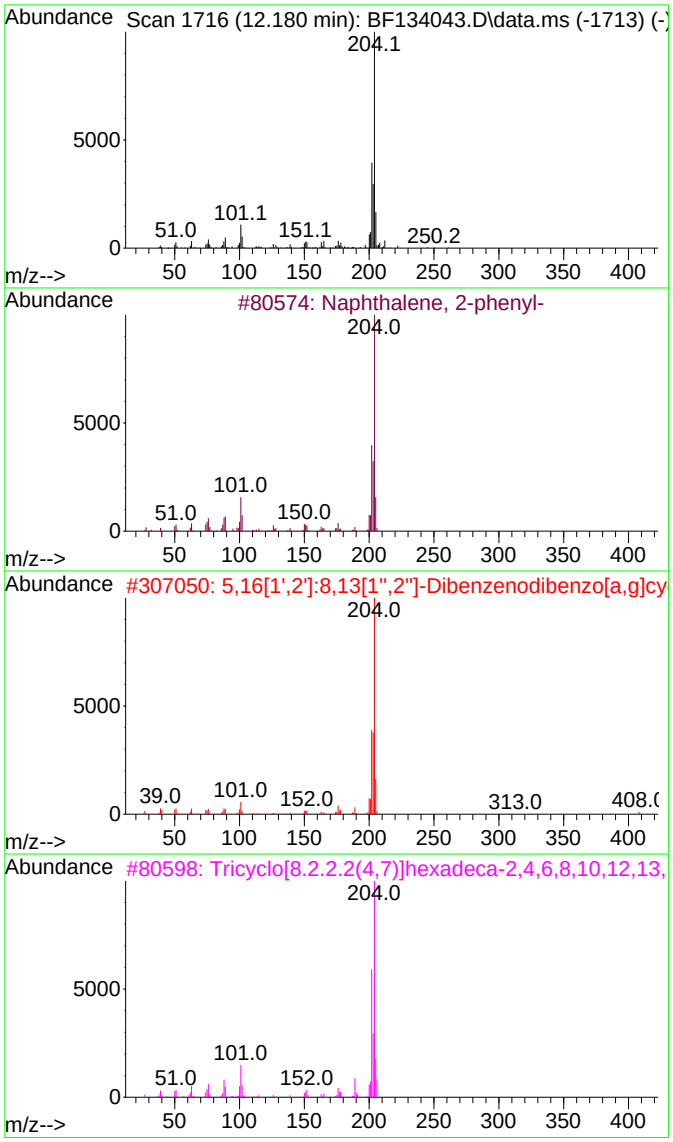
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

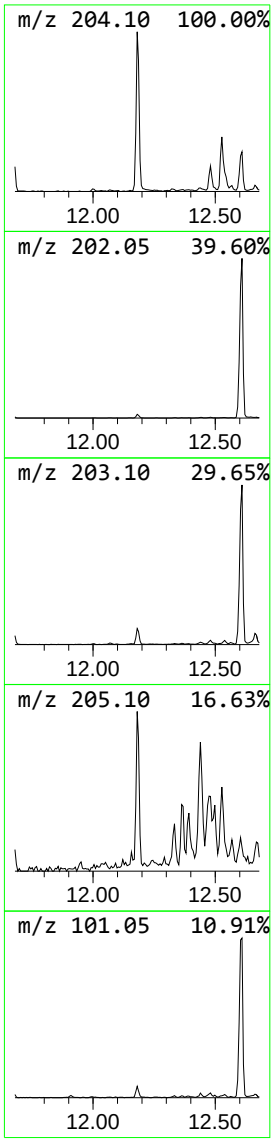
****

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.180	4.77 ng	153454	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49





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

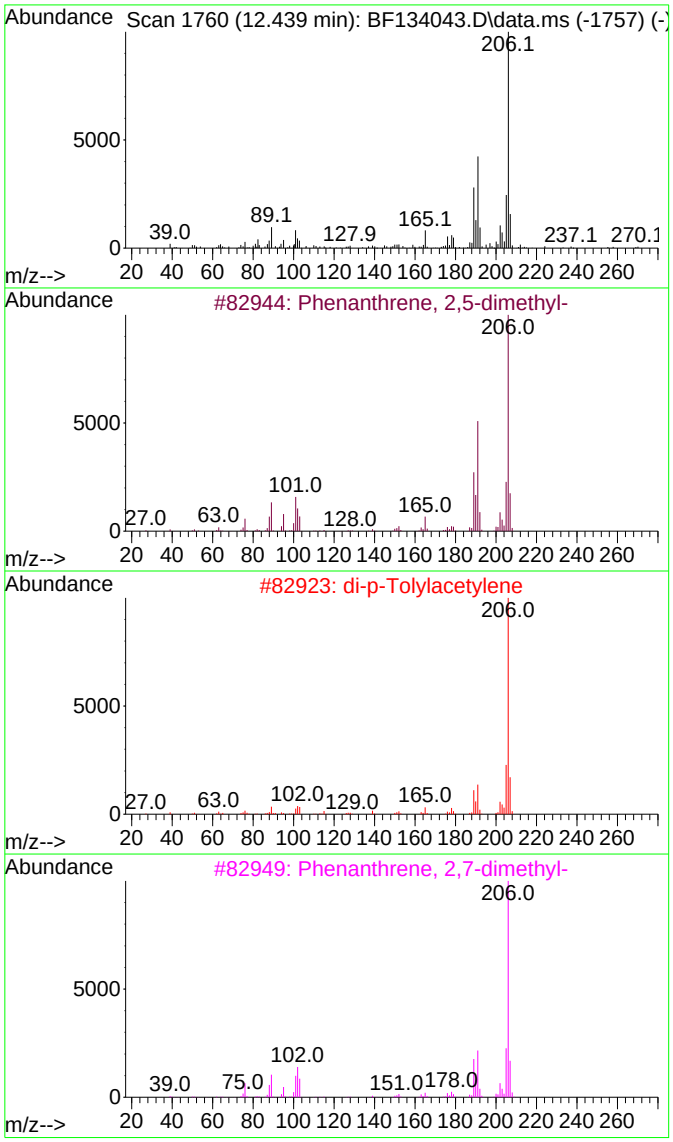
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

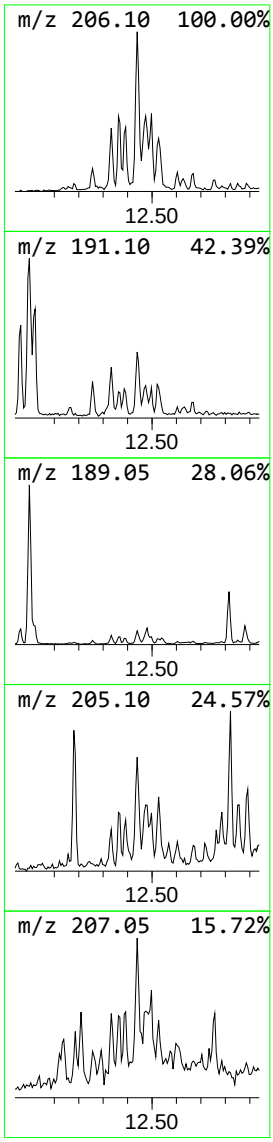
****

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	4.03 ng	129582	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





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ClientSampleId :
COMPOSIT-SB-25RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

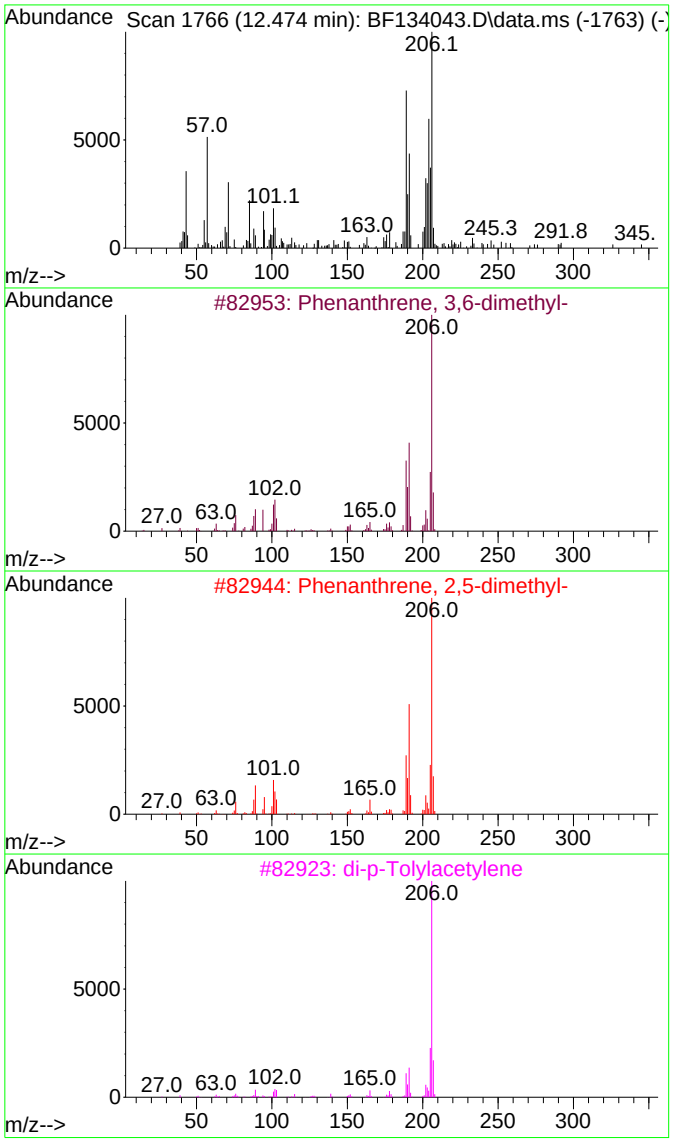
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

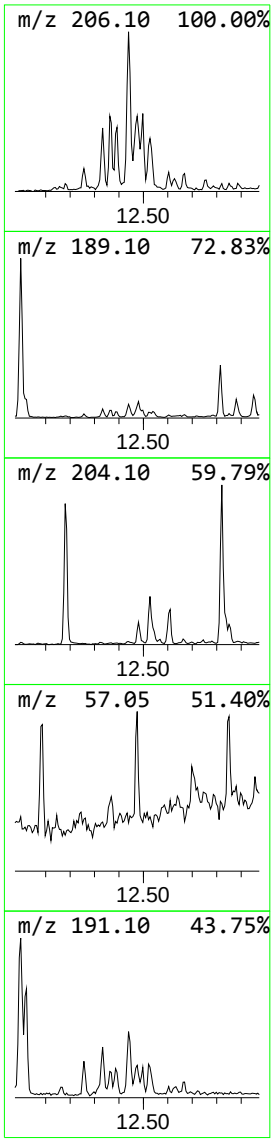
****

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	2.78 ng	89319	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	49
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	47
4	3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	46
5	2,4-Dichloro-3-ethyl-5-methylphe...	290	C13H16Cl2O3	1000487-42-8	43





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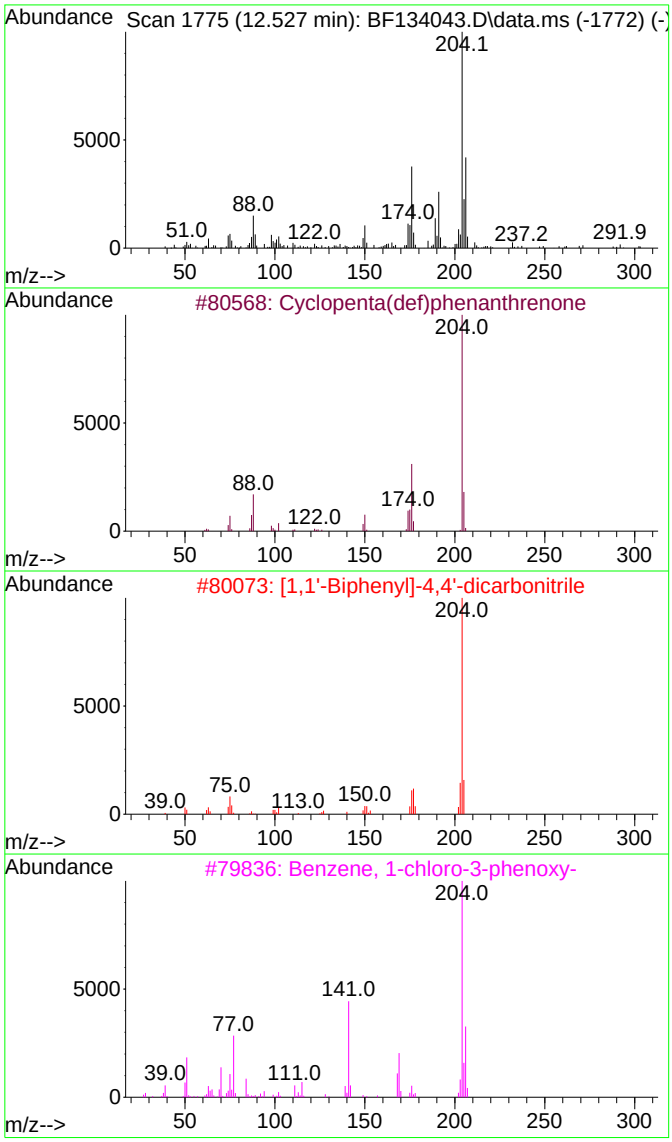
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

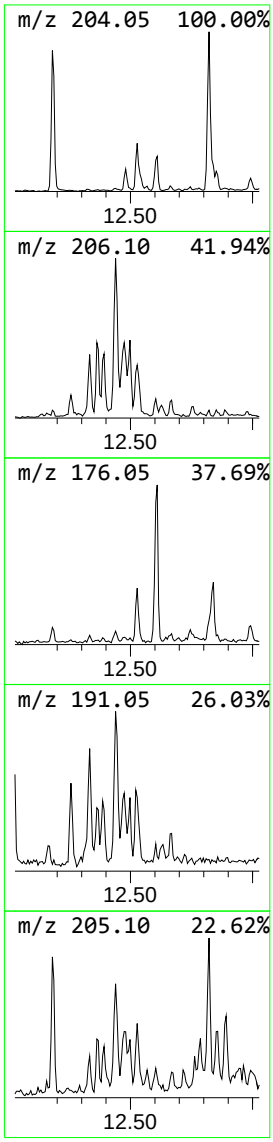
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	3.36 ng	108000	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47
4	2-Hydroxy-5-chlorobiphenyl, acetate	246	C14H11ClO2	1000447-68-0	47
5	1-Aminocyclopentanecarboxylic ac...	319	C15H26ClNO4	1000392-62-4	43





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Data File : BF134043.D
Acq On : 29 Jun 2023 18:37
Operator : CG\JU
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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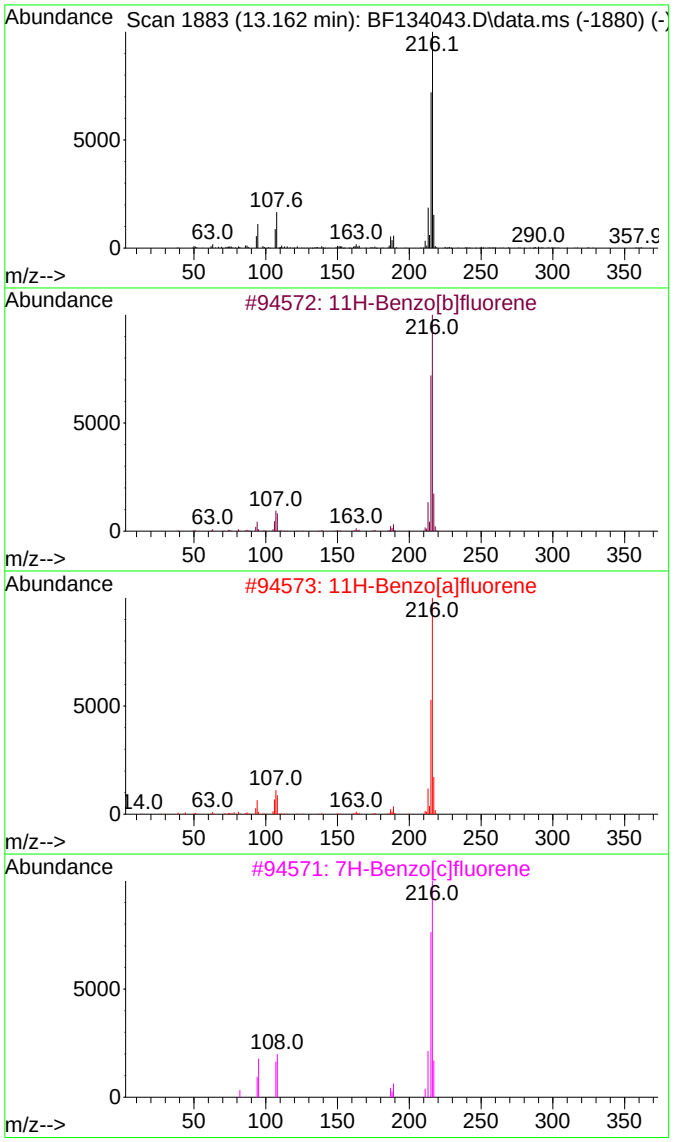
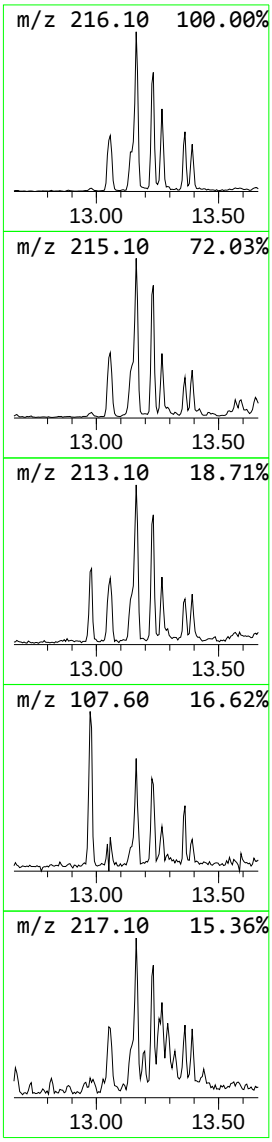
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	3.94 ng	303839	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Data File : BF134043.D
Acq On : 29 Jun 2023 18:37
Operator : CG\JU
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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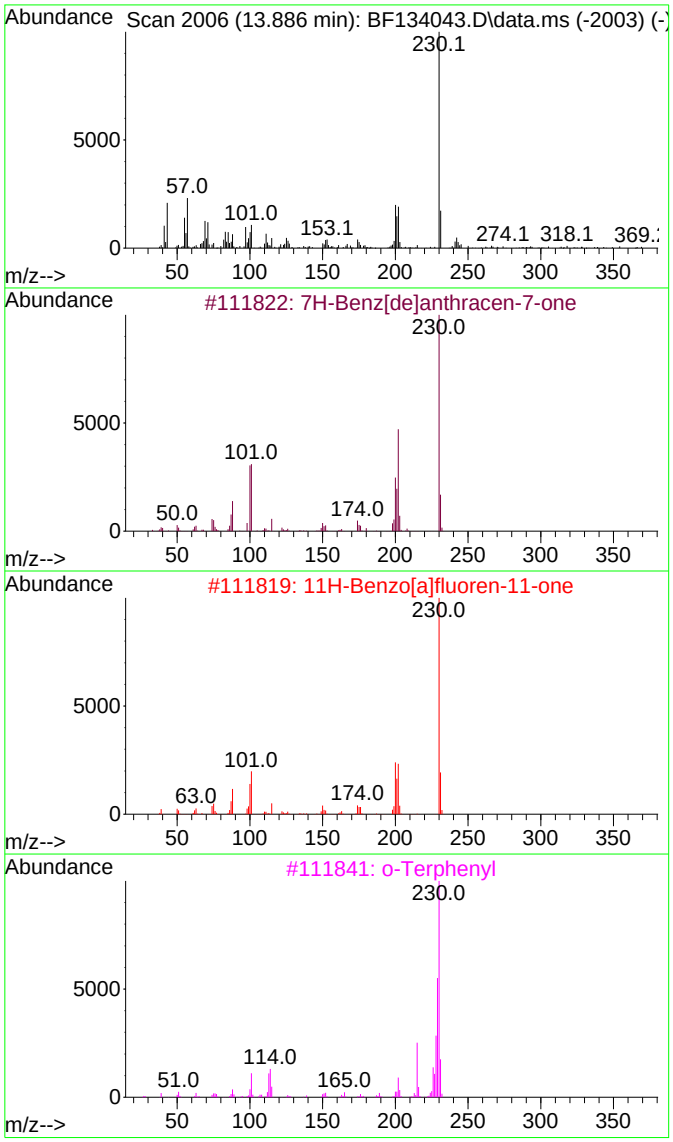
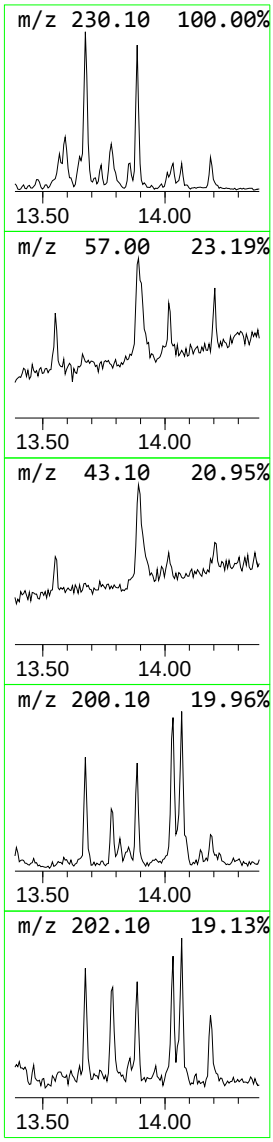
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	3.23 ng	248902	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	74
3	o-Terphenyl	230	C18H14	000084-15-1	50
4	4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	50
5	p-Terphenyl	230	C18H14	000092-94-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134043.D
Acq On : 29 Jun 2023 18:37
Operator : CG\JU
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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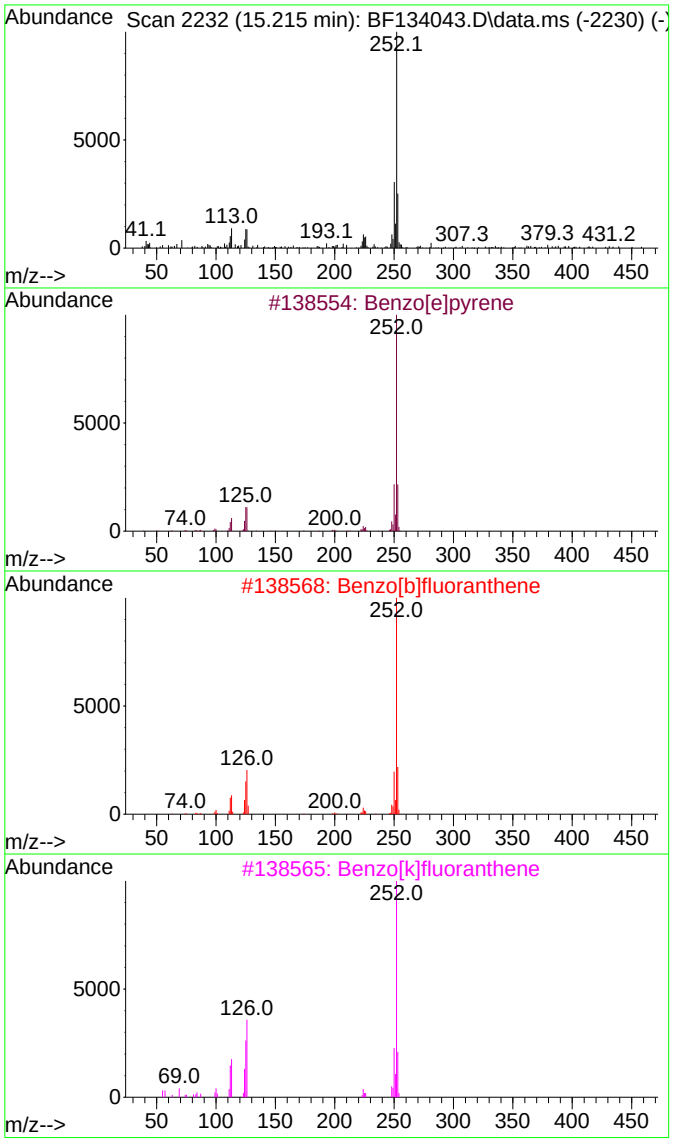
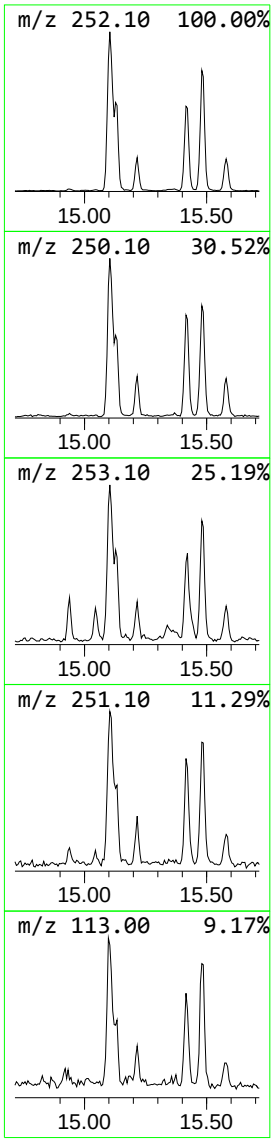
Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.215	4.59 ng	78247	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	83
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	76





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Data File : BF134043.D
Acq On : 29 Jun 2023 18:37
Operator : CG\JU
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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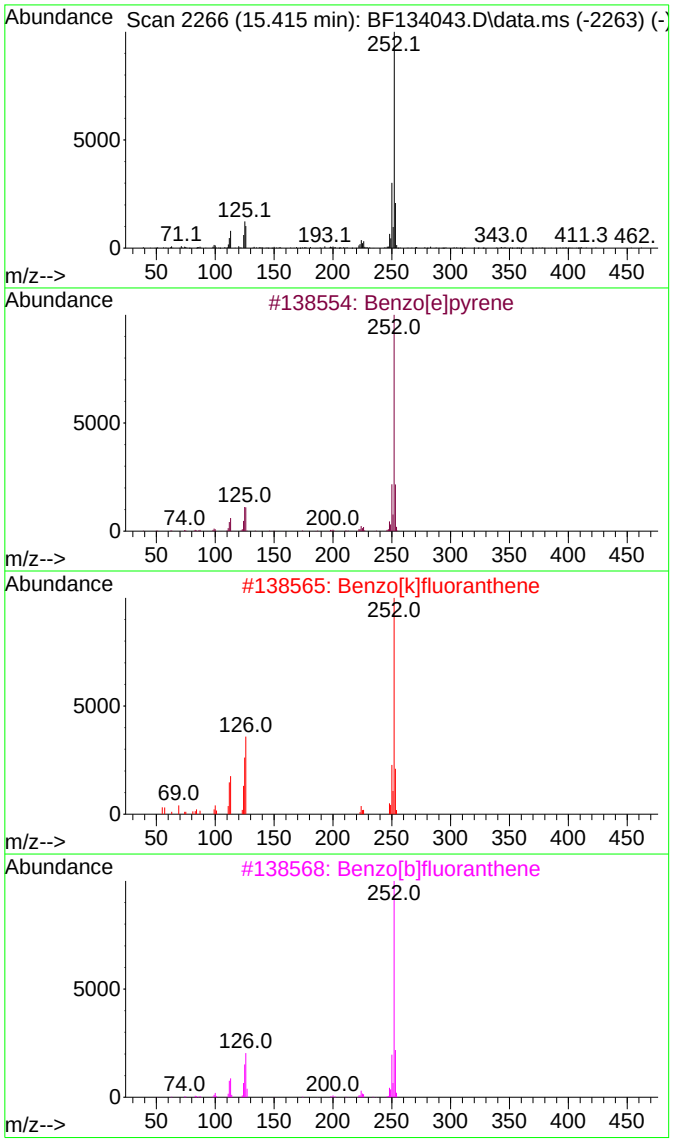
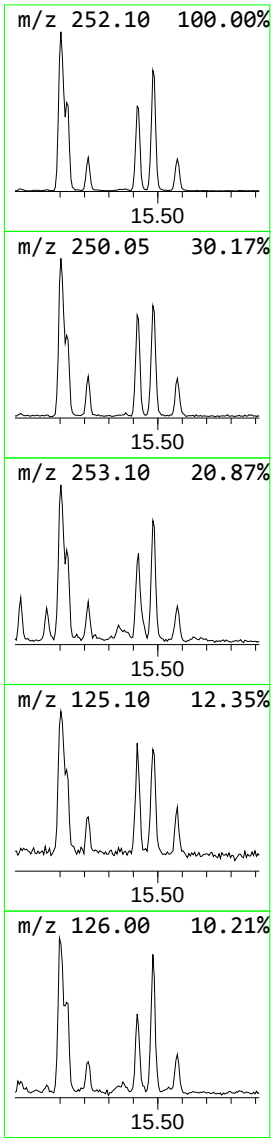
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	20.64 ng	351778	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
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	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134043.D
Acq On : 29 Jun 2023 18:37
Operator : CG\JU
Sample : 03362-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.134	51.5	ng	1546450	1	6.845	601051	20.0
2-Pentanone, 4-...	5.087	5.2	ng	156889	1	6.845	601051	20.0
Benzophenone	10.598	12.0	ng	388465	3	9.886	648400	20.0
unknown10.804	10.804	3.3	ng	106757	4	11.380	643616	20.0
9H-Fluorene, 2-...	10.986	3.8	ng	123204	4	11.380	643616	20.0
8-Methylaminona...	11.239	3.8	ng	122156	4	11.380	643616	20.0
Naphtho[2,1-b]t...	11.274	5.3	ng	169595	4	11.380	643616	20.0
Phenanthrene, 1...	11.886	6.3	ng	201528	4	11.380	643616	20.0
1H-Cyclopropa[l...	11.910	11.2	ng	358797	4	11.380	643616	20.0
Phenanthrene, 2...	11.963	3.8	ng	123268	4	11.380	643616	20.0
4H-Cyclopenta[d...	11.998	14.1	ng	454199	4	11.380	643616	20.0
Anthracene, 2-m...	12.015	3.6	ng	117376	4	11.380	643616	20.0
Naphthalene, 2-...	12.180	4.8	ng	153454	4	11.380	643616	20.0
Phenanthrene, 2...	12.439	4.0	ng	129582	4	11.380	643616	20.0
Phenanthrene, 3...	12.474	2.8	ng	89319	4	11.380	643616	20.0
Cyclopenta(def)...	12.527	3.4	ng	108000	4	11.380	643616	20.0
11H-Benzo[b]flu...	13.163	3.9	ng	303839	5	14.045	1541140	20.0
7H-Benz[de]anth...	13.886	3.2	ng	248902	5	14.045	1541140	20.0
Benzo[e]pyrene	15.215	4.6	ng	78247	6	15.545	340949	20.0
Perylene	15.415	20.6	ng	351778	6	15.545	340949	20.0