LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133873.D
Acq On : 21 Jun 2023 16:20
Operator : CG\JU
Sample : 03335-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-7-061923

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133873.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	5	10	19	rVB	494028	621160	27.39%	1.724%
2	5.099	506	512	521	rBV	72465	98852	4.36%	0.274%
3	5.493	575	579	596	rVB	2203047	2125830	93.74%	5.901%
4	6.498	745	750	758	rBV	2067173	2125503	93.73%	5.900%
5	6.857	808	811	817	rVB	865162	697143	30.74%	1.935%
6	7.128	852	857	860	rBV4	33121	41646	1.84%	0.116%
7	7.422	903	907	910	rBV	1550111	1332871	58.78%	3.700%
8	7.498	915	920	923	rVB5	49119	71282	3.14%	0.198%
9	7.551	923	929	933	rBV5	25636	56072	2.47%	0.156%
10	7.734	954	960	962	rBV5	31227	41750	1.84%	0.116%
11	7.775	965	967	971	rVV3	56509	48541	2.14%	0.135%
12	7.881	982	985	990	rBV6	26992	45423	2.00%	0.126%
13	8.010	1004	1007	1010	rBV3	30795	40495	1.79%	0.112%
14	8.087	1016	1020	1023	rBV5	28557	41853	1.85%	0.116%
15	8.140	1023	1029	1031	rVV	1027196	904334	39.88%	2.510%
16	8.157	1031	1032	1035	rVV2	78493	65435	2.89%	0.182%
17	8.192	1035	1038	1041	rVB	115191	109989	4.85%	0.305%
18	8.428	1070	1078	1084	rBV5	79339	148763	6.56%	0.413%
19	8.481	1084	1087	1091	rVV4	49194	47561	2.10%	0.132%
20	8.516	1091	1093	1097	rVB4	38920	42388	1.87%	0.118%
21	8.557	1097	1100	1102	rBV	169494	140248	6.18%	0.389%
22	8.675	1117	1120	1125	rBV4	45774	67831	2.99%	0.188%
23	8.728	1126	1129	1131	rBV	52702	46247	2.04%	0.128%
24	8.822	1142	1145	1148	rVB4	65439	79857	3.52%	0.222%
25	8.916	1158	1161	1164	rBV4	31611	45966	2.03%	0.128%
26	9.010	1175	1177	1181	rBV4	50550	72425	3.19%	0.201%
27	9.045	1181	1183	1188	rVB3	36733	52667	2.32%	0.146%
28	9.157	1200	1202	1208	rBV	166451	126516	5.58%	0.351%
29	9.216	1208	1212	1215	rBV	2927113	2245869	99.04%	6.234%
30	9.292	1222	1225	1230	rBV2	78883	92071	4.06%	0.256%
31	9.616	1275	1280	1282	rBV3	139282	164285	7.24%	0.456%
32	9.757	1301	1304	1307	rBV2	70974	68386	3.02%	0.190%
33	9.898	1324	1328	1331	rVB	820836	717766	31.65%	1.992%
34	9.928	1331	1333	1336	rVB	82087	63895	2.82%	0.177%
35	10.098	1358	1362	1367	rVV2	56820	73693	3.25%	0.205%
36	10.445	1417	1421	1427	rVB	93315	92327	4.07%	0.256%

LSC Area Percent Report

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Sample : 03335-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-7-061923

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.610	1445	1449	1457	rVB	201984	188212	8.30%	0.522%
38	10.686	1458	1462	1469	rVV	1325652	1100628	48.53%	3.055%
39	10.810	1479	1483	1489	rVB3	63110	91561	4.04%	0.254%
40	10.998	1510	1515	1517	rBV2	37267	43530	1.92%	0.121%
41	11.280	1560	1563	1569	rVB	76397	81501	3.59%	0.226%
42	11.386	1578	1581	1583	rBV	680936	626052	27.61%	1.738%
43	11.416	1583	1586	1589	rVV	764500	687045	30.30%	1.907%
44	11.463	1591	1594	1597	rVV	230287	184770	8.15%	0.513%
45	11.498	1597	1600	1603	rVV2	47420	51381	2.27%	0.143%
46	11.622	1618	1621	1628	rBV2	48612	70382	3.10%	0.195%
47	11.686	1629	1632	1634	rVV2	65761	59469	2.62%	0.165%
48	11.722	1635	1638	1643	rVB2	47189	51546	2.27%	0.143%
49	11.892	1664	1667	1669	rBV	166055	146004	6.44%	0.405%
50	11.922	1669	1672	1677	rVV	430415	411677	18.15%	1.143%
51	11.969	1677	1680	1683	rVV	78188	87497	3.86%	0.243%
52	12.004	1683	1686	1689	rVV	396100	420636	18.55%	1.168%
53	12.027	1689	1690	1694	rVB	141194	87044	3.84%	0.242%
54	12.192	1715	1718	1720	rBV	141977	123601	5.45%	0.343%
55	12.216	1720	1722	1725	rVB2	52700	52588	2.32%	0.146%
56	12.375	1746	1749	1751	rBV	53205	48140	2.12%	0.134%
57	12.445	1758	1761	1764	rBV	132116	143324	6.32%	0.398%
58	12.486	1764	1768	1773	rVB3	122642	201638	8.89%	0.560%
59	12.533	1773	1776	1781	rBV2	65543	105292	4.64%	0.292%
60	12.616	1786	1790	1793	rBV	2267911	2002680	88.31%	5.559%
61	12.710	1803	1806	1808	rBV	104664	93002	4.10%	0.258%
62	12.763	1813	1815	1818	rVB	86666	72353	3.19%	0.201%
63	12.845	1822	1829	1834	rBV	2060954	2267725	100.00%	6.295%
64	12.886	1834	1836	1841	rVB2	91016	111915	4.94%	0.311%
65	12.963	1845	1849	1850	rBV	118480	124694	5.50%	0.346%
66	12.986	1850	1853	1856	rVV	2077731	1752838	77.29%	4.866%
67	13.063	1860	1866	1869	rBV3	153649	260123	11.47%	0.722%
68	13.145	1877	1880	1882	rBV3	137046	164427	7.25%	0.456%
69	13.169	1882	1884	1888	rVB	420670	404135	17.82%	1.122%
70	13.239	1893	1896	1899	rVB	404823	313333	13.82%	0.870%
71	13.274	1899	1902	1905	rBV2	237346	228634	10.08%	0.635%
72	13.333	1910	1912	1915	rBV	45866	44029	1.94%	0.122%
73	13.369	1915	1918	1921	rBV	134944	107487	4.74%	0.298%
74	13.398	1921	1923	1926	rBV	133055	116873	5.15%	0.324%
75	13.563	1946	1951	1952	rBV4	75921	101989	4.50%	0.283%
76	13.657	1964	1967	1969	rBV3	71371	79654	3.51%	0.221%

LSC Area Percent Report

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Sample : 03335-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-7-061923

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.680	1969	1971	1976	rVB	97050	117884	5.20%	0.327%
78	13.798	1987	1991	1993	rBV	203811	220582	9.73%	0.612%
79	13.821	1993	1995	1997	rVV	187128	168551	7.43%	0.468%
80	13.845	1997	1999	2005	rVV3	165445	245173	10.81%	0.681%
81	13.892	2005	2007	2016	rVB2	200463	222454	9.81%	0.618%
82	13.963	2017	2019	2023	rVV	48041	50139	2.21%	0.139%
83	14.045	2028	2033	2036	rVV2	1434236	2036611	89.81%	5.654%
84	14.080	2036	2039	2044	rVB	1160823	1146998	50.58%	3.184%
85	14.157	2049	2052	2054	rVB	248397	199381	8.79%	0.553%
86	14.192	2056	2058	2060	rBV	120817	101115	4.46%	0.281%
87	14.263	2068	2070	2071	rBV	57528	40755	1.80%	0.113%
88	14.439	2095	2100	2102	rVB	205315	213654	9.42%	0.593%
89	14.474	2103	2106	2109	rVB3	133220	132515	5.84%	0.368%
90	14.533	2112	2116	2119	rVV2	146894	210487	9.28%	0.584%
91	14.563	2119	2121	2123	rVV	157970	150550	6.64%	0.418%
92	14.586	2123	2125	2128	rVB3	174238	142968	6.30%	0.397%
93	15.116	2210	2215	2218	rBV	763453	1230699	54.27%	3.416%
94	15.221	2231	2233	2237	rVB	131505	143530	6.33%	0.398%
95	15.433	2265	2269	2275	rVB	467771	627856	27.69%	1.743%
96	15.498	2275	2280	2285	rBV	647125	846182	37.31%	2.349%
97	15.563	2286	2291	2294	rVV	324023	474995	20.95%	1.319%
98	15.592	2294	2296	2304	rVB2	196903	254071	11.20%	0.705%
99	17.110	2548	2554	2563	rVB2	235901	505865	22.31%	1.404%
100	17.580	2629	2634	2646	rVB	180721	374162	16.50%	1.039%

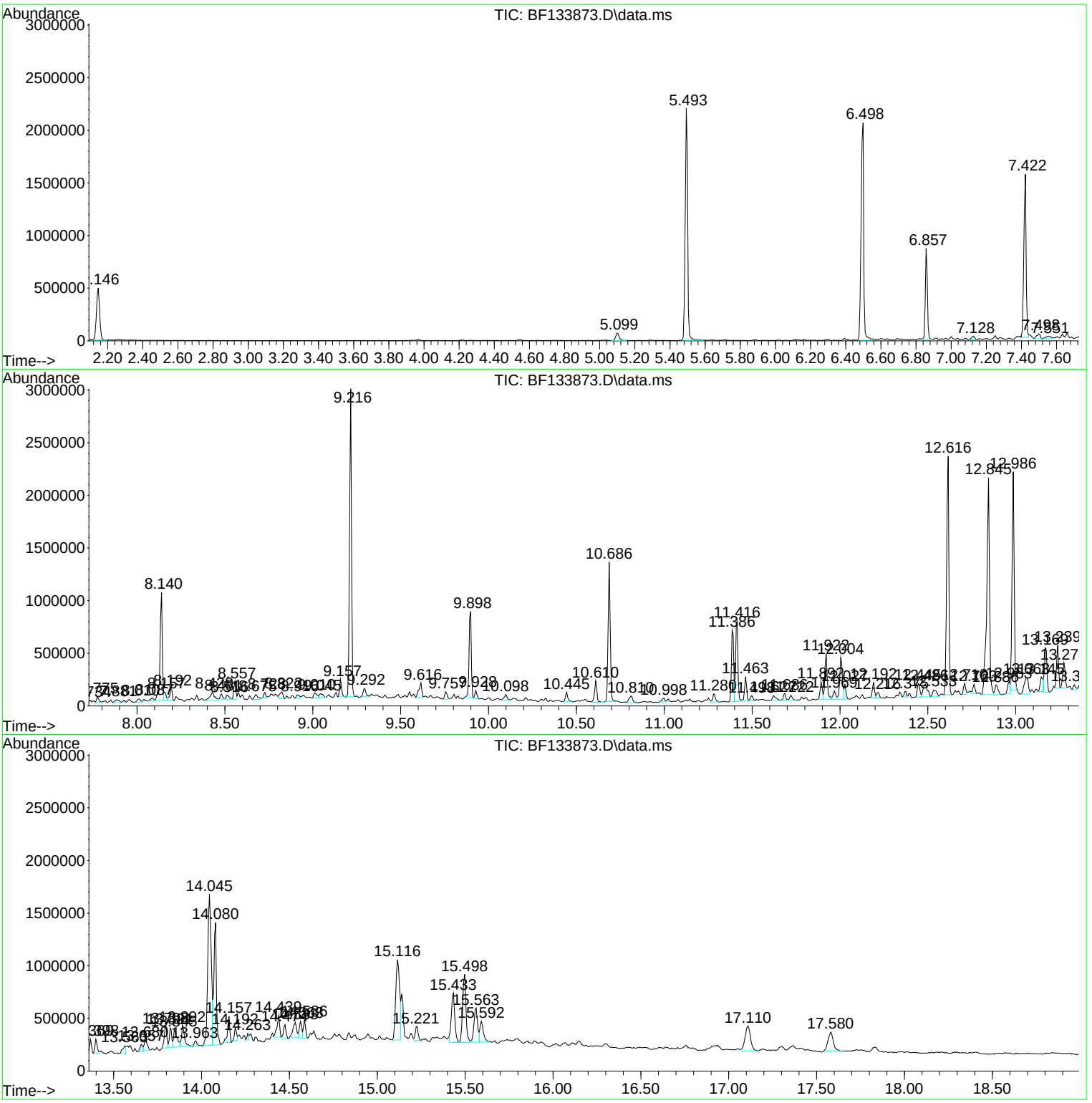
Sum of corrected areas: 36023526

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133873.D
Acq On : 21 Jun 2023 16:20
Operator : CG\JU
Sample : 03335-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-7-061923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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\BF062123\
Data File : BF133873.D
Acq On : 21 Jun 2023 16:20
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

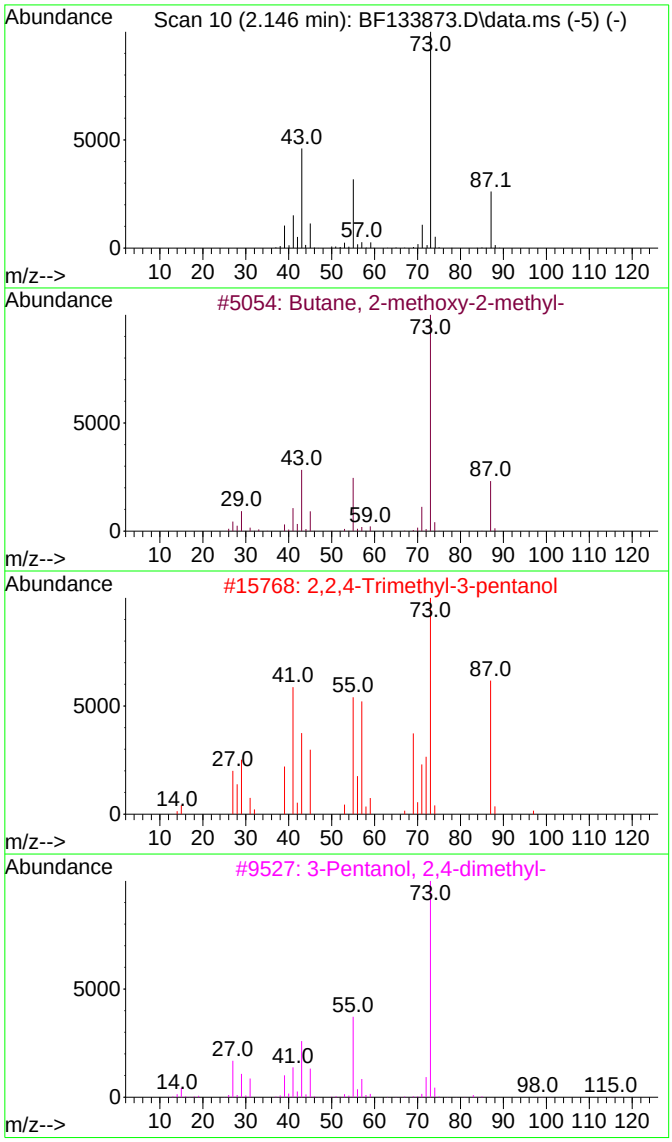
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

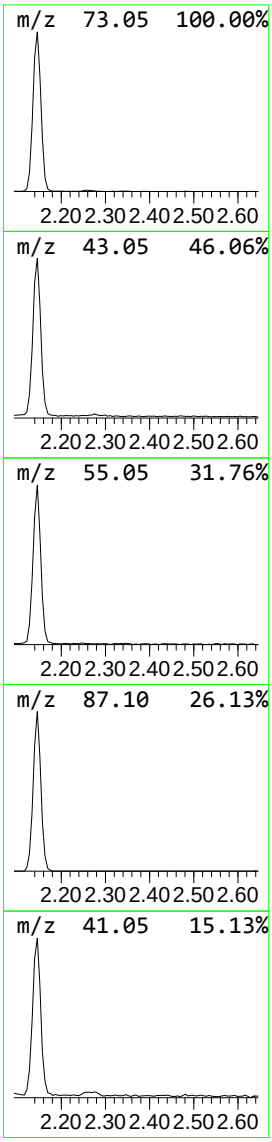
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	17.82 ng	621160	1,4-Dichlorobenzene-d4	6.857

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	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133873.D
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Sample : 03335-01
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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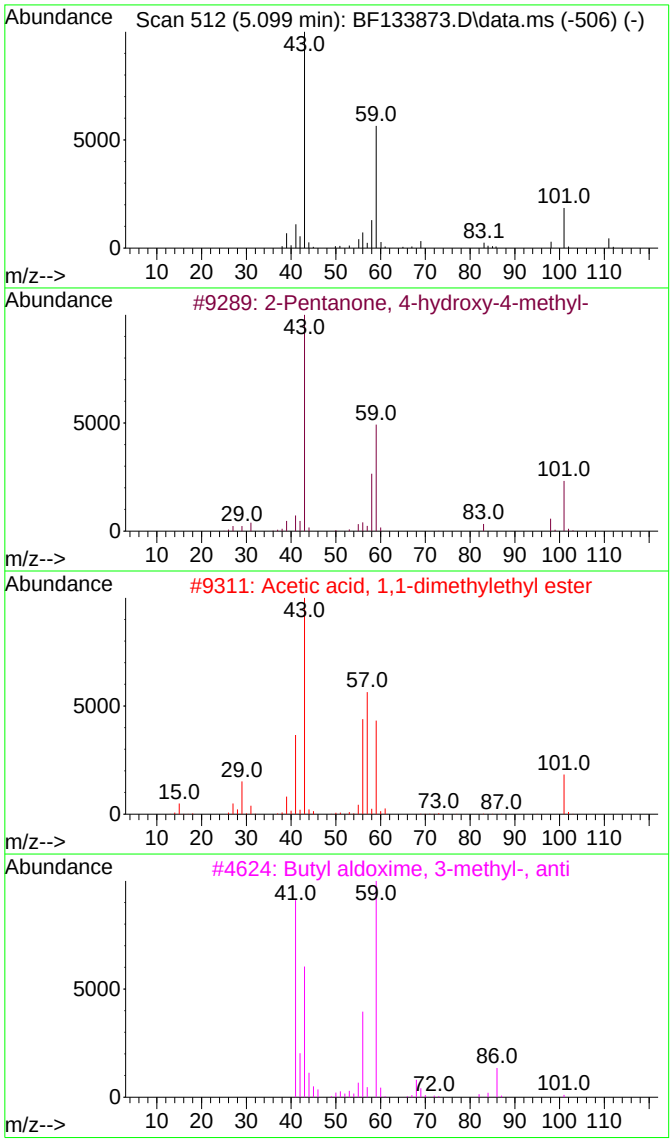
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

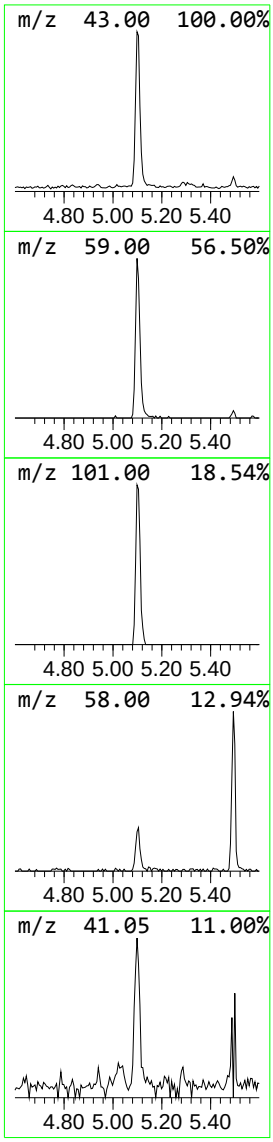
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.099	2.84 ng	98852	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Butyl aldoxime, 3-methyl-, anti	101	C5H11NO	005775-74-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17





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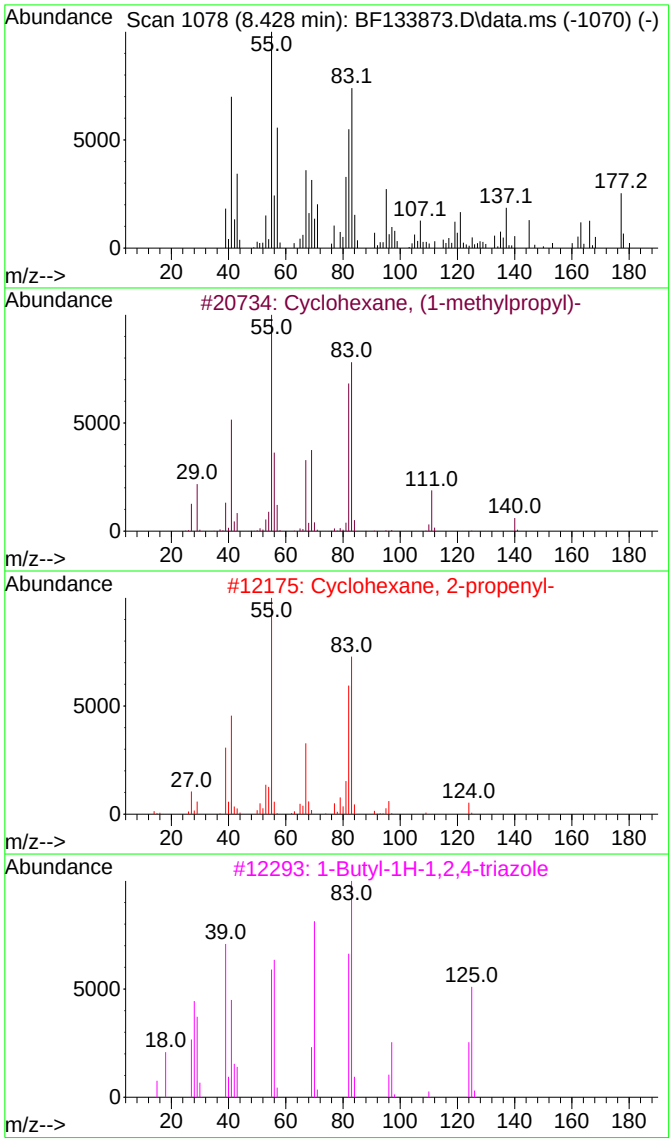
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

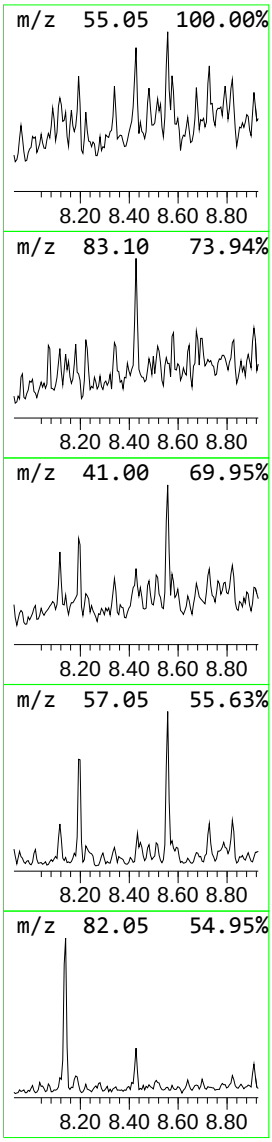
****

Peak Number 3 unknown8.428 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.428	3.29 ng	148763	Naphthalene-d8	8.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	46
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
3	1-Butyl-1H-1,2,4-triazole	125	C6H11N3	006086-22-2	43
4	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43
5	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	38





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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

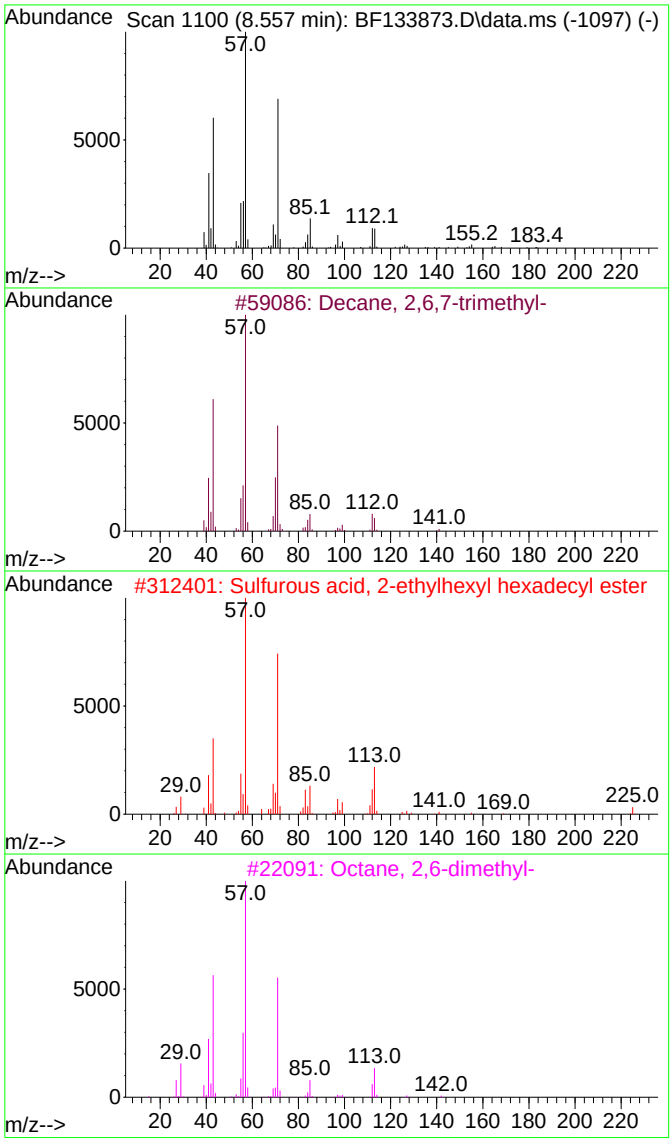
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

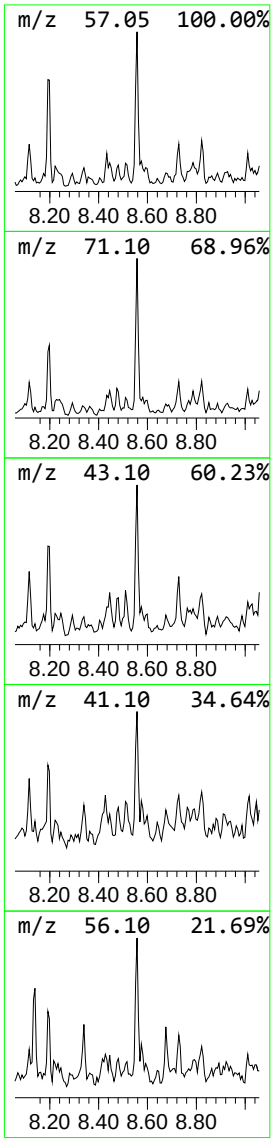
****

Peak Number 4 Decane, 2,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.557	3.10 ng	140248	Naphthalene-d8	8.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	90
2	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	64
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133873.D
Acq On : 21 Jun 2023 16:20
Operator : CG\JU
Sample : 03335-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

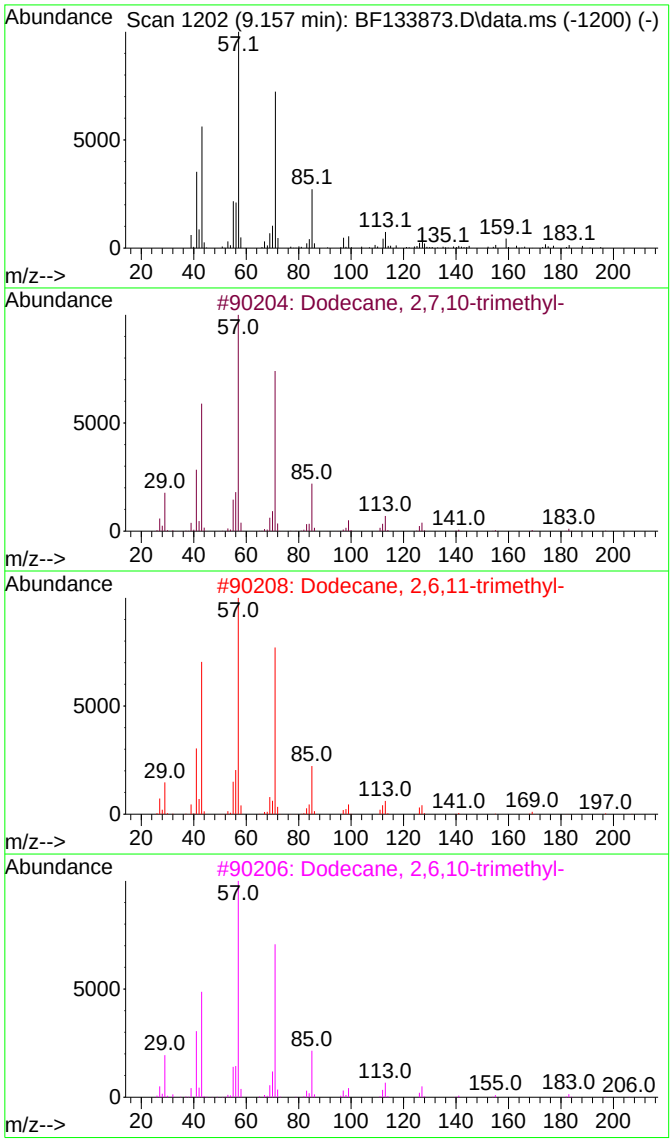
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

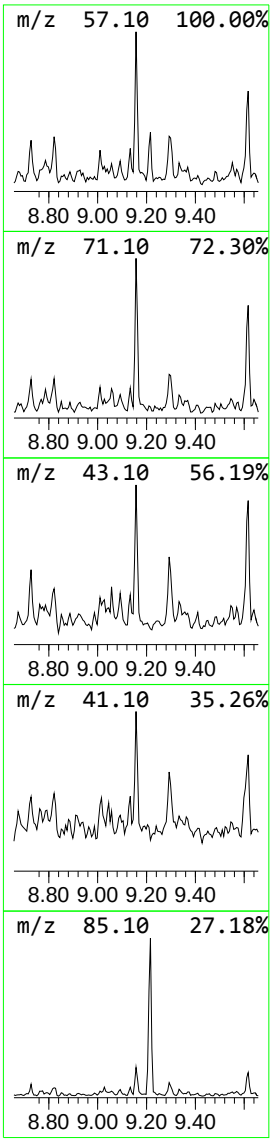
****

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	3.53 ng	126516	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	53





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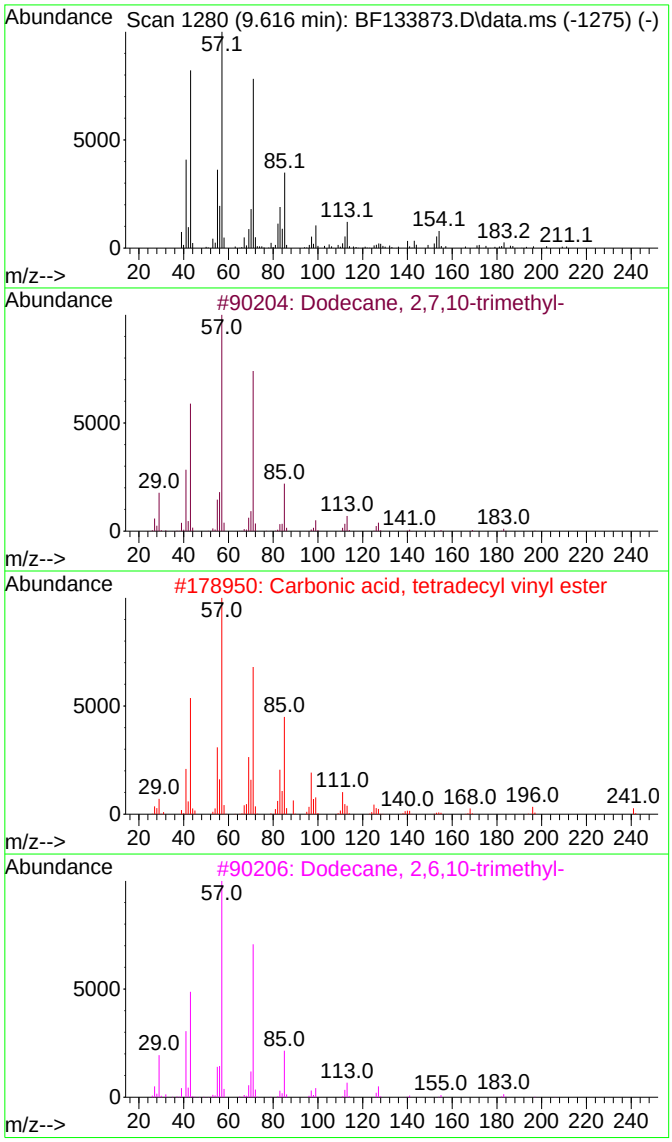
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

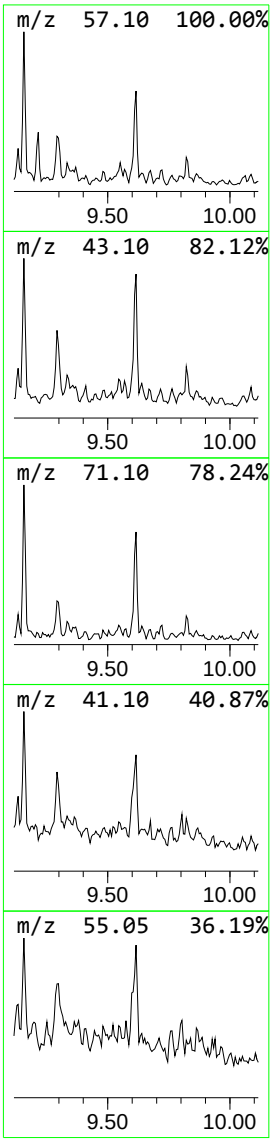
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Carbonic acid, tetradecyl v... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	4.58 ng	164285	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
2	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	64
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





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

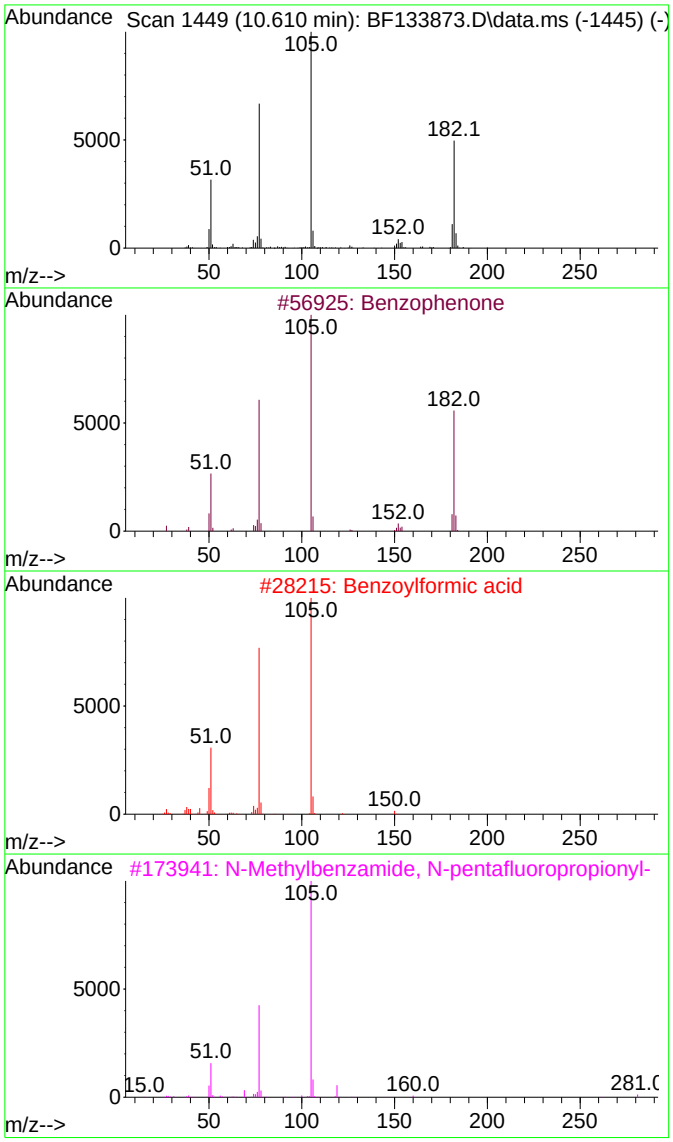
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

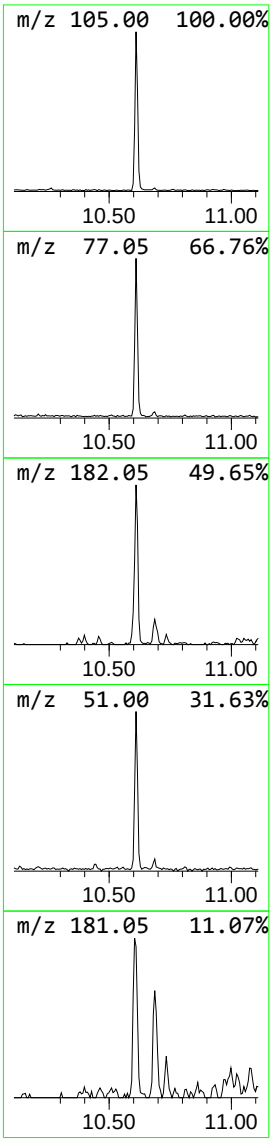
****

Peak Number 7 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	5.24 ng	188212	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoylformic acid	150	C8H6O3	000611-73-4	49
3	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

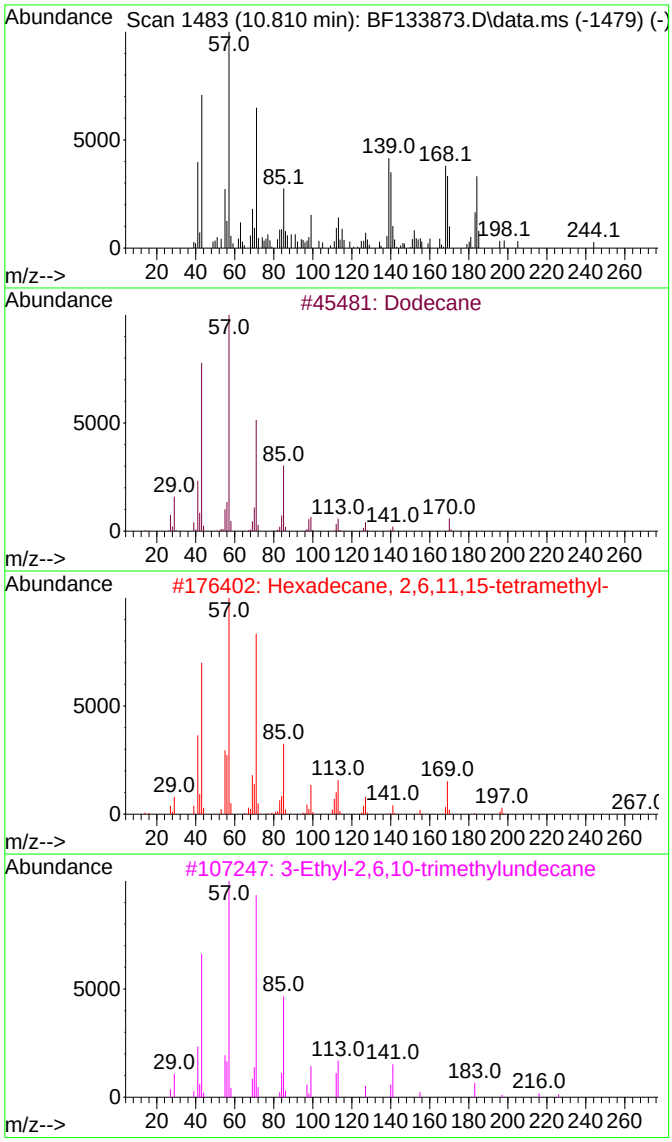
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

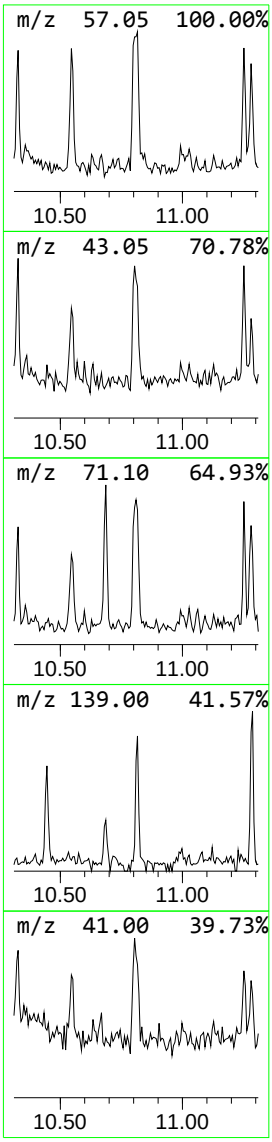
****

Peak Number 8 unknown10.810 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	2.93 ng	91561	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	35
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	18
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	18
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	14
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	14





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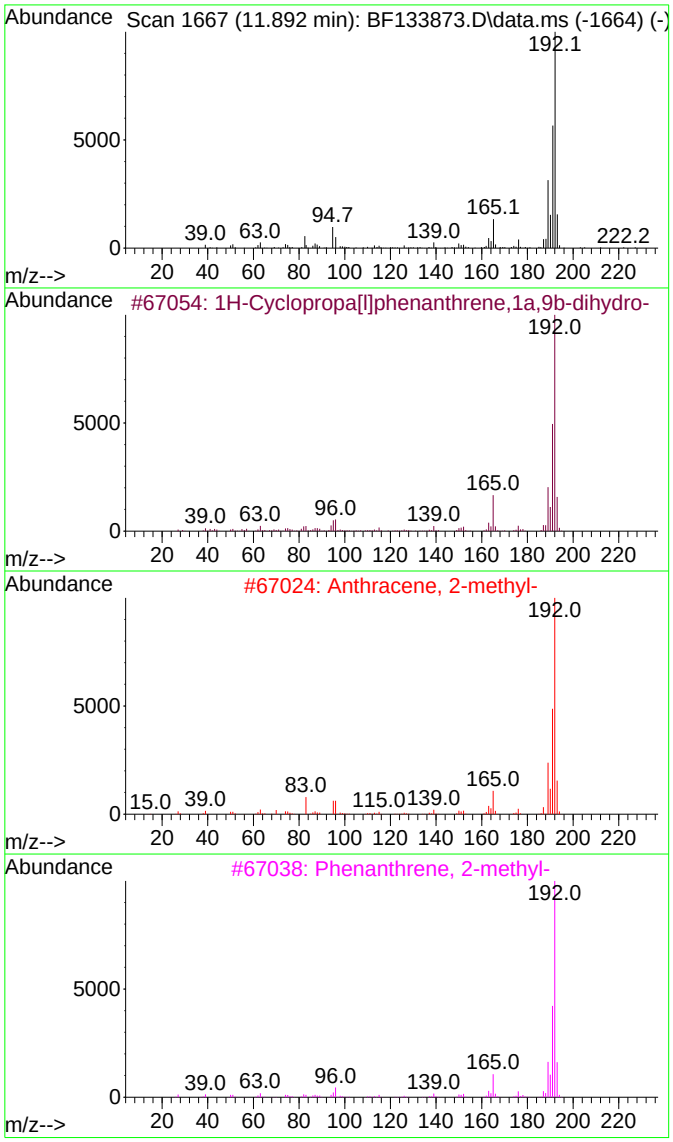
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

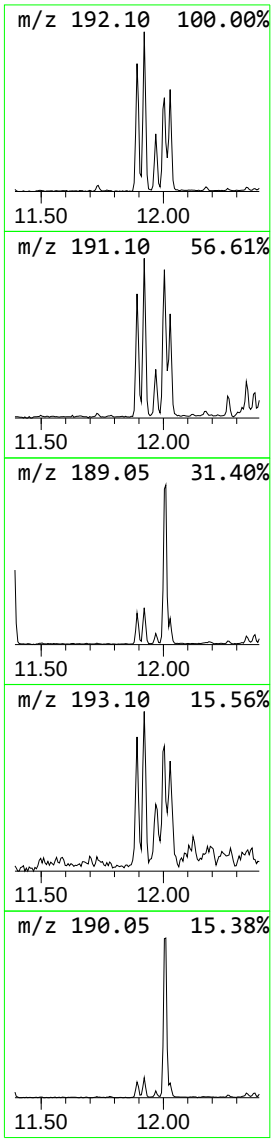
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	4.66 ng	146004	Phenanthrene-d10	11.386

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





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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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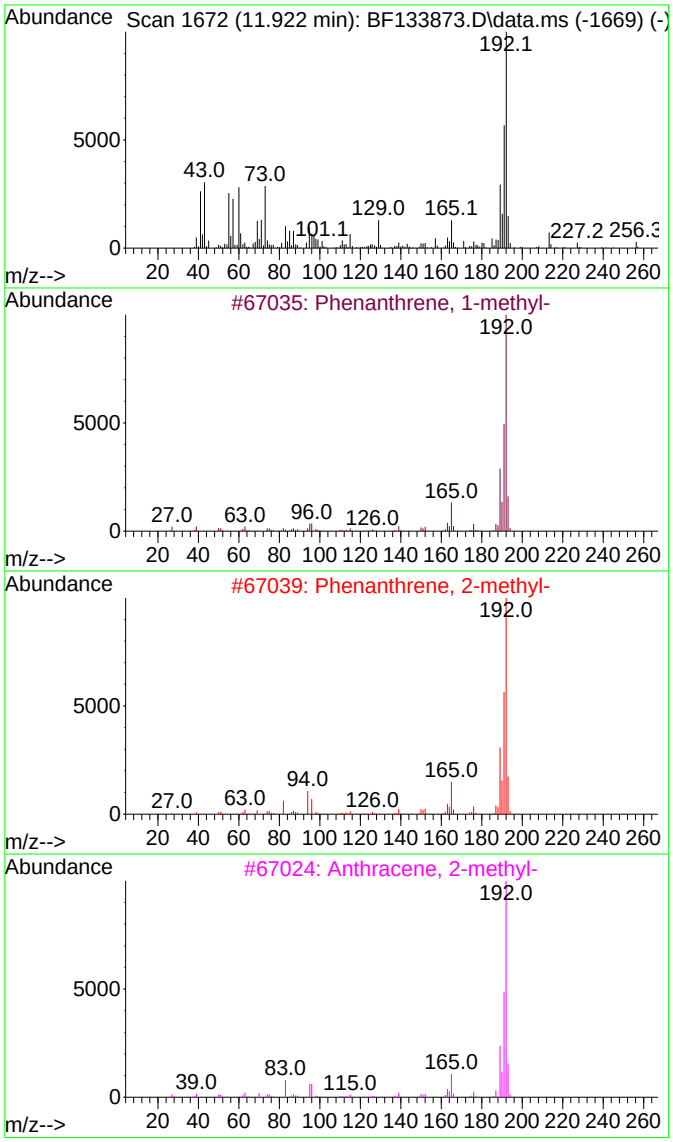
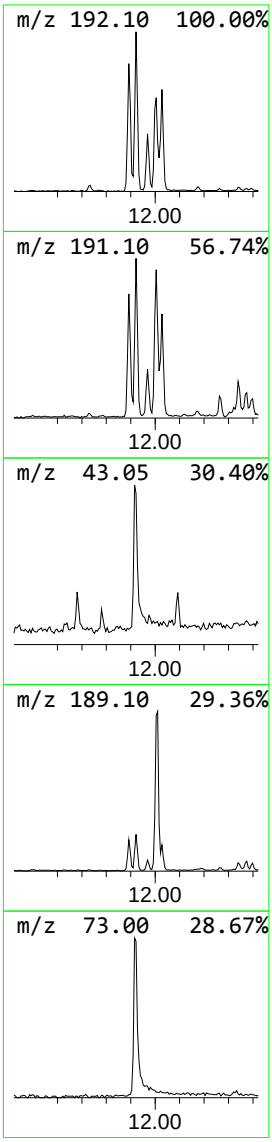
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	13.15 ng	411677	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96





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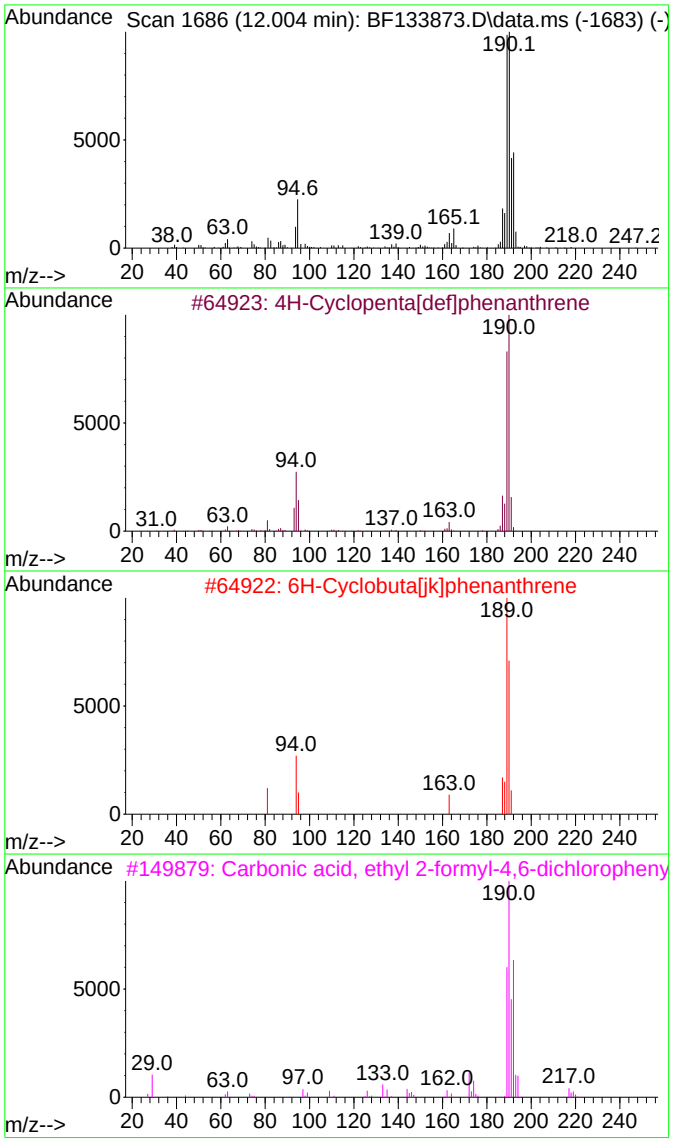
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

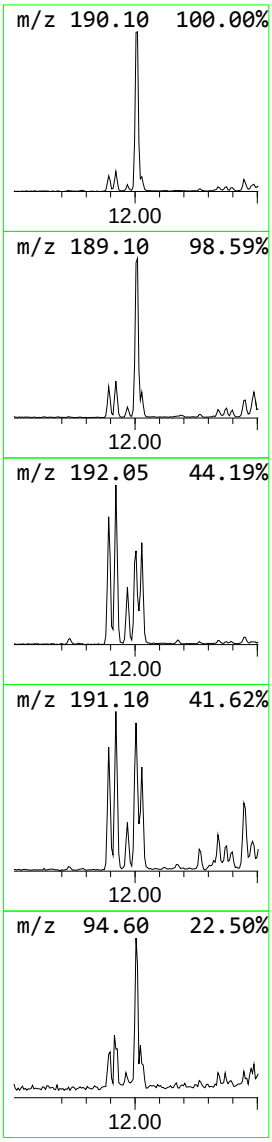
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	13.44 ng	420636	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Methyl diselenide	190	C2H6Se2	007101-31-7	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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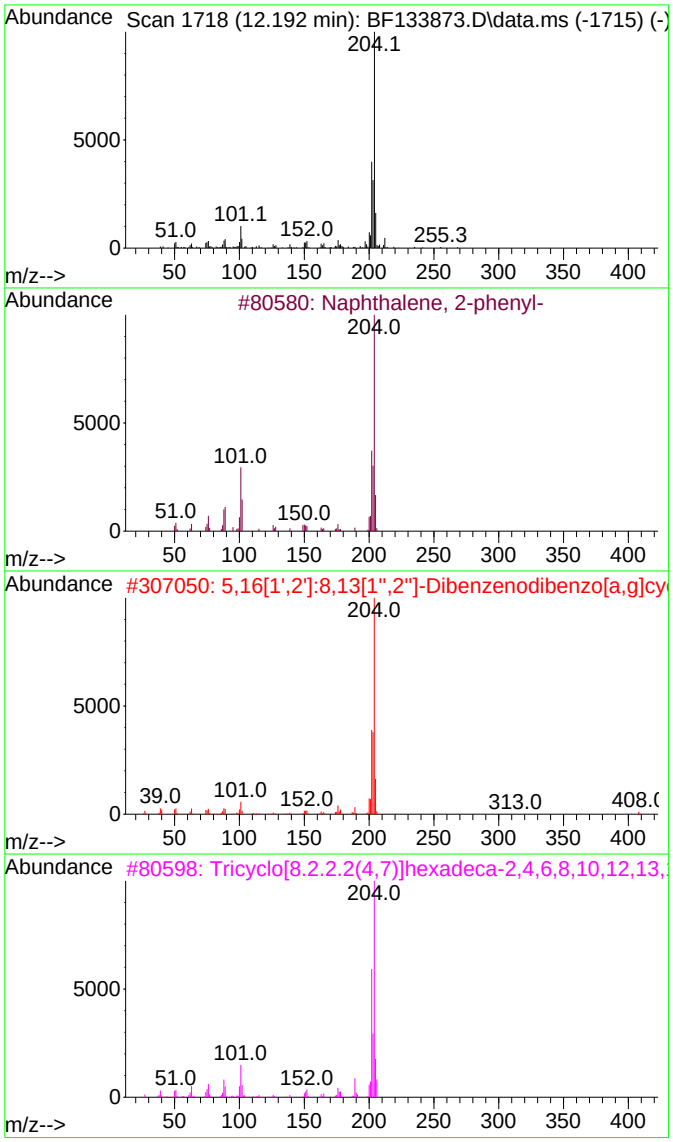
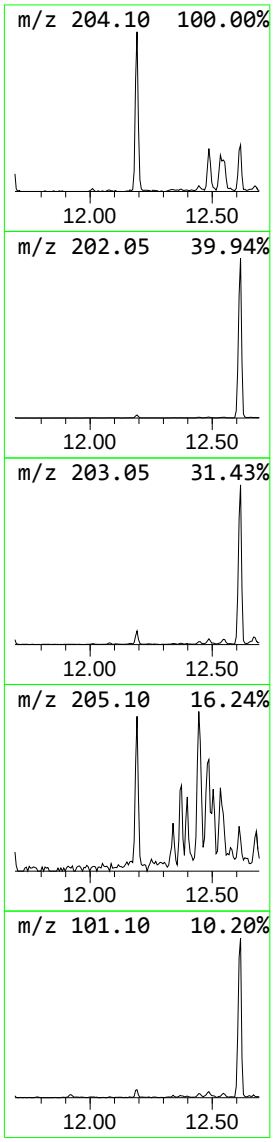
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	3.95 ng	123601	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
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	58
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	52
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50





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TIC Library : C:\Database\NIST20.L
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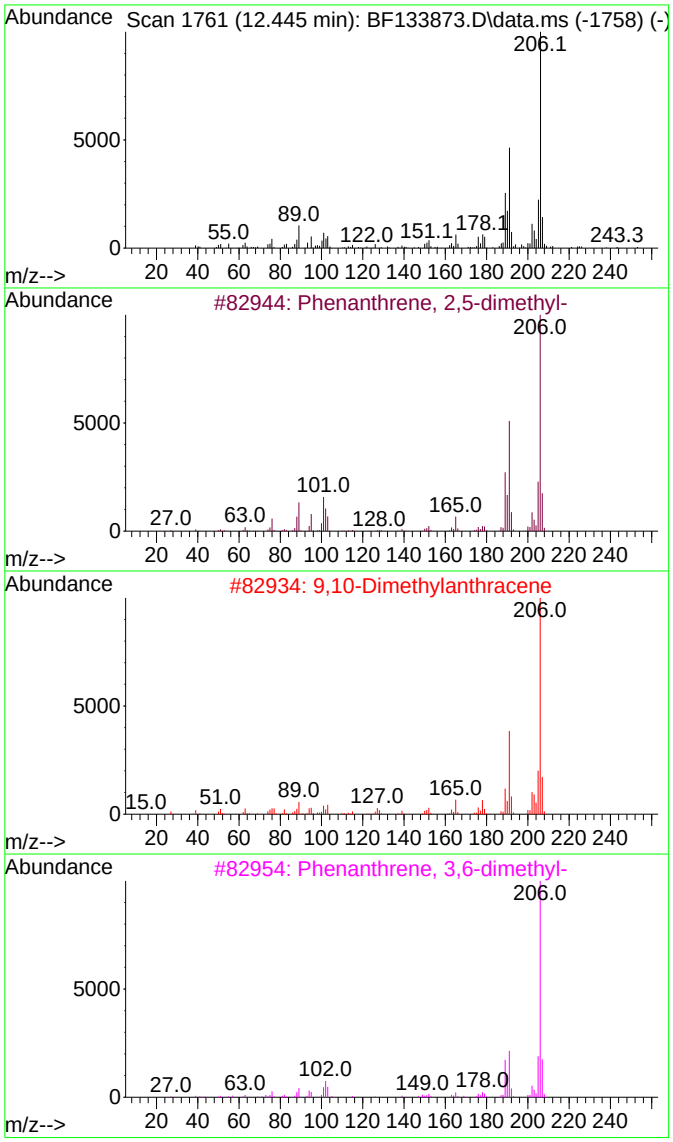
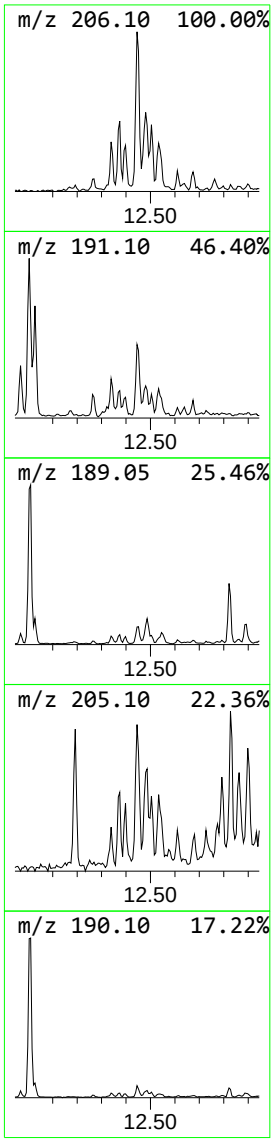
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	4.58 ng	143324	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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TIC Library : C:\Database\NIST20.L
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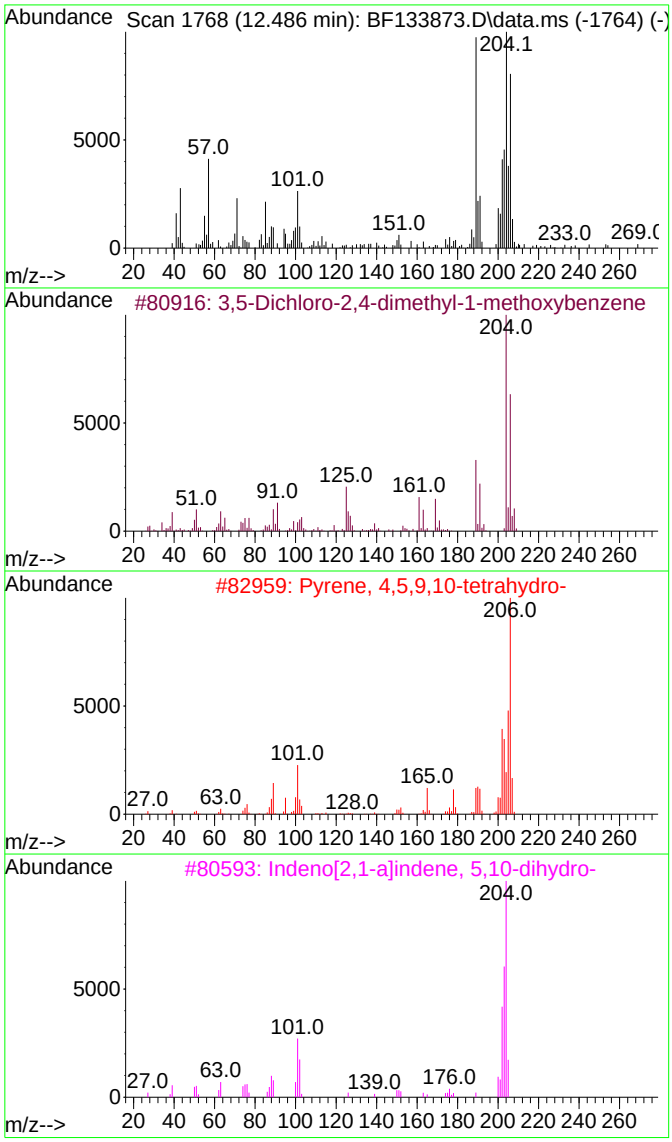
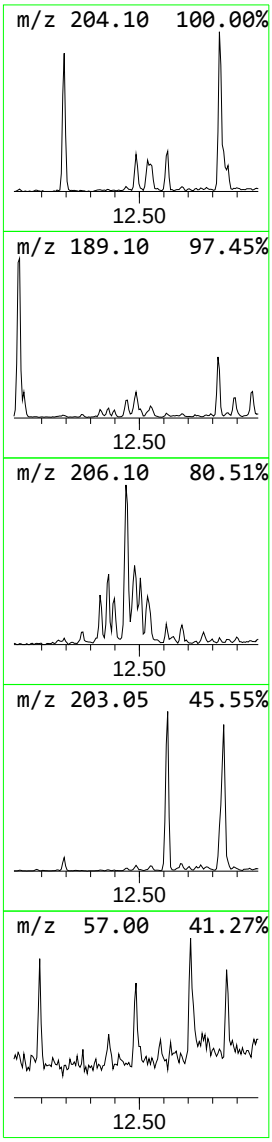
Peak Number 14 unknown12.486 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	6.44 ng	201638	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1010250-17-8	43
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25





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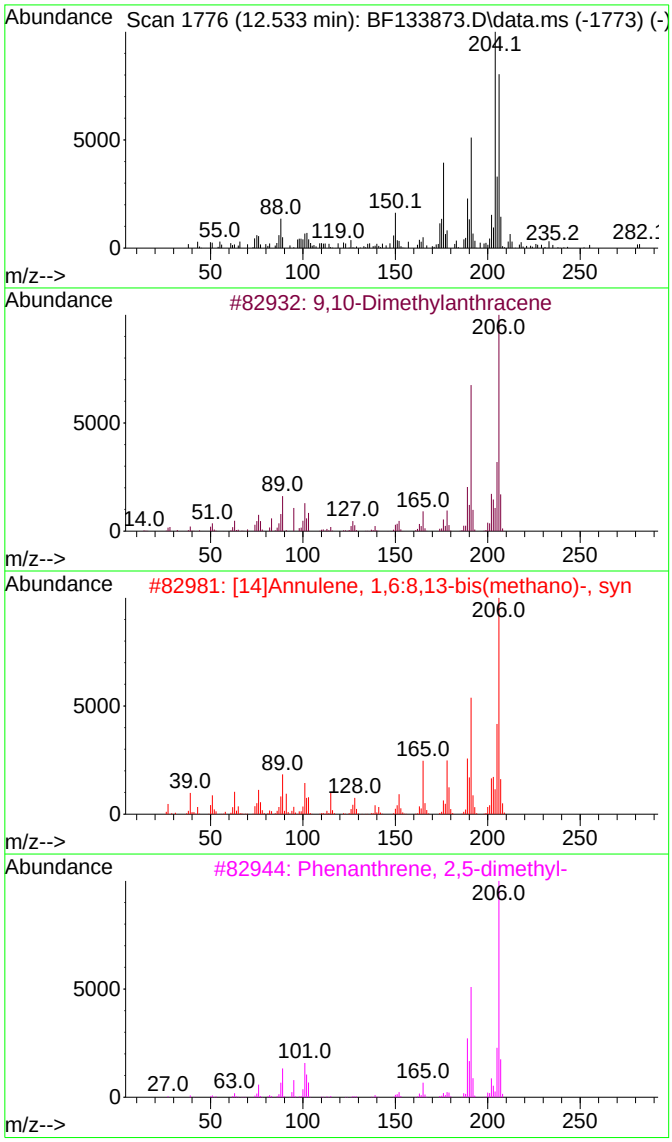
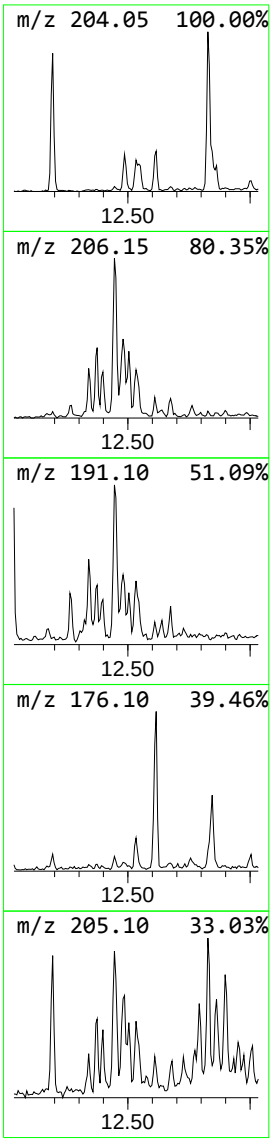
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	3.36 ng	105292	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	49
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	46
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46





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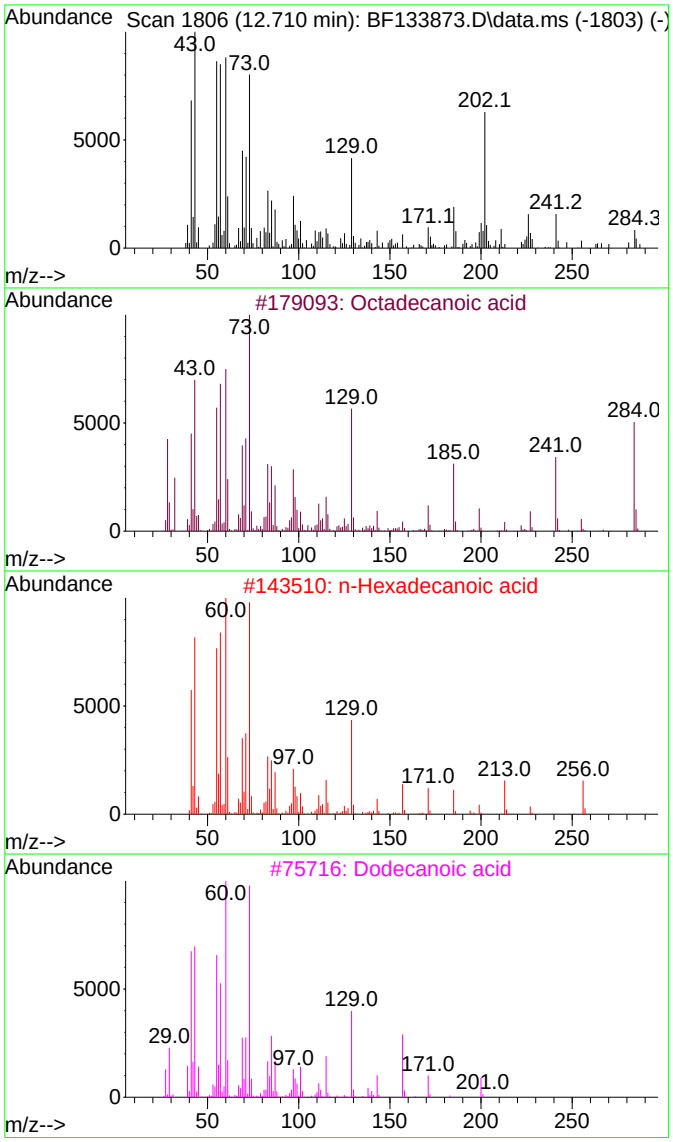
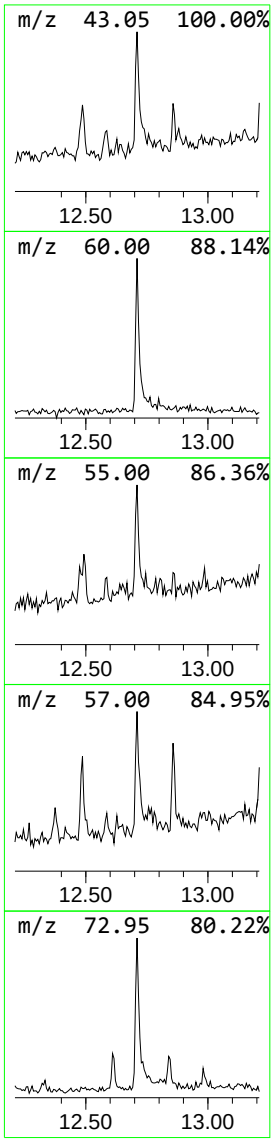
Peak Number 16 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	2.97 ng	93002	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Dodecanoic acid	200	C12H24O2	000143-07-7	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





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ClientSampleId :
NB-7-061923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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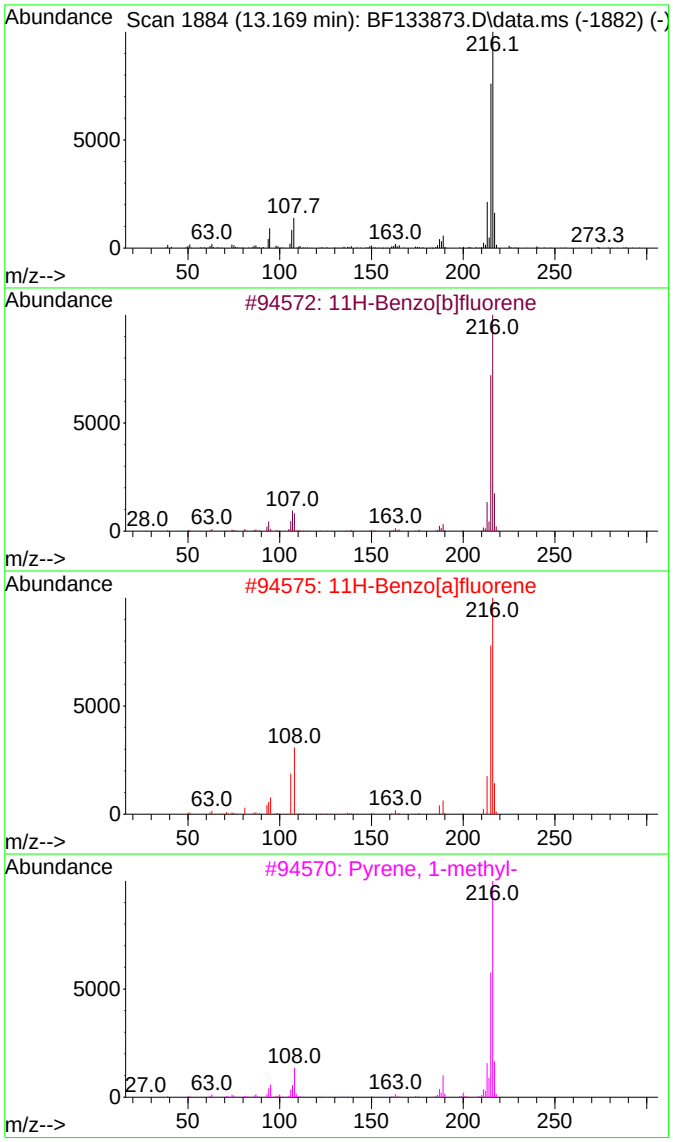
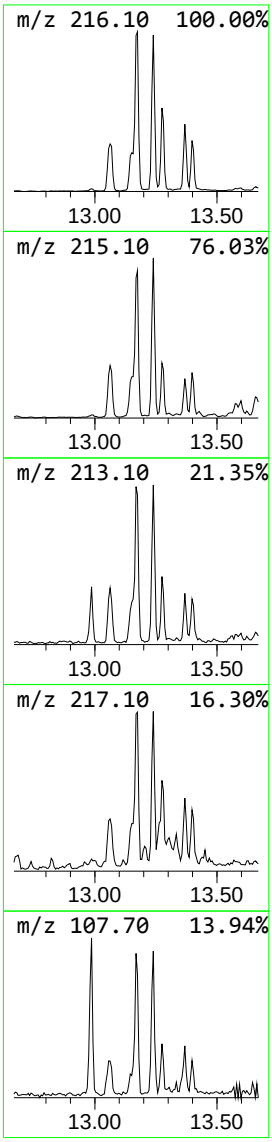
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	3.97 ng	404135	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133873.D
Acq On : 21 Jun 2023 16:20
Operator : CG\JU
Sample : 03335-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-7-061923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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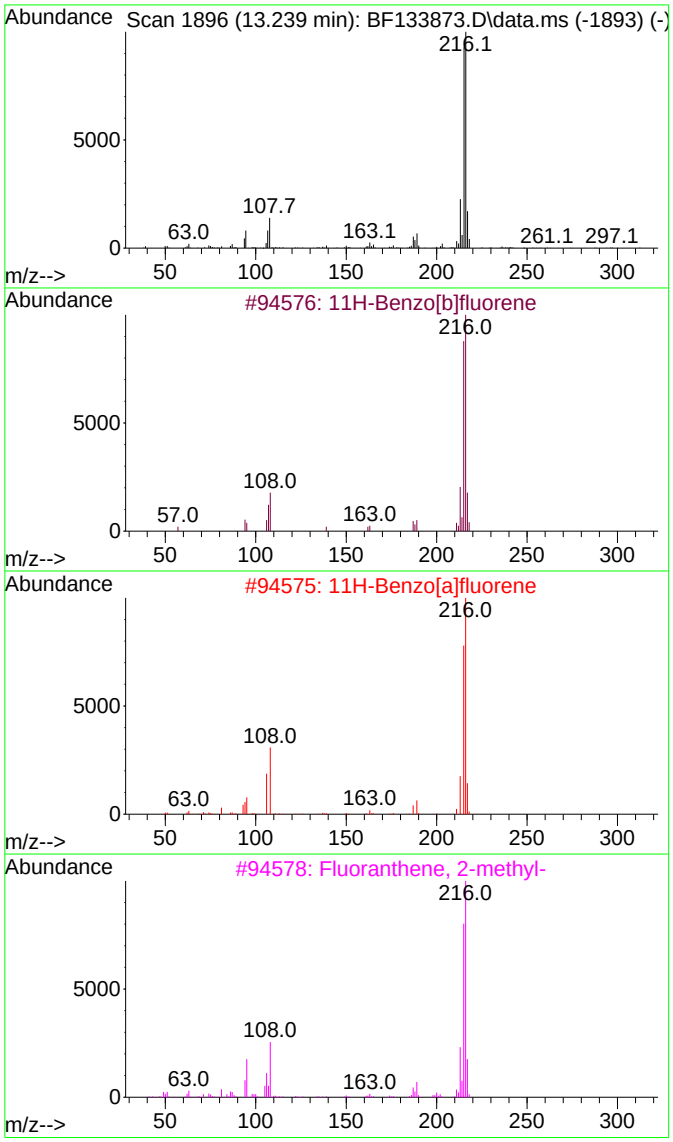
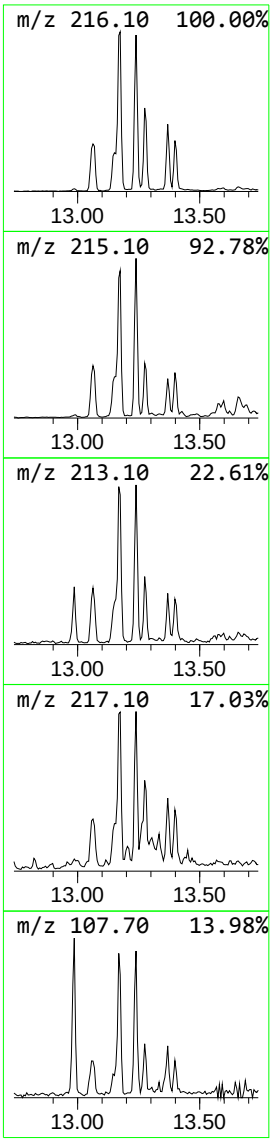
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	3.08 ng	313333	Chrysene-d12	14.051

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	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





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Data File : BF133873.D
Acq On : 21 Jun 2023 16:20
Operator : CG\JU
Sample : 03335-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-7-061923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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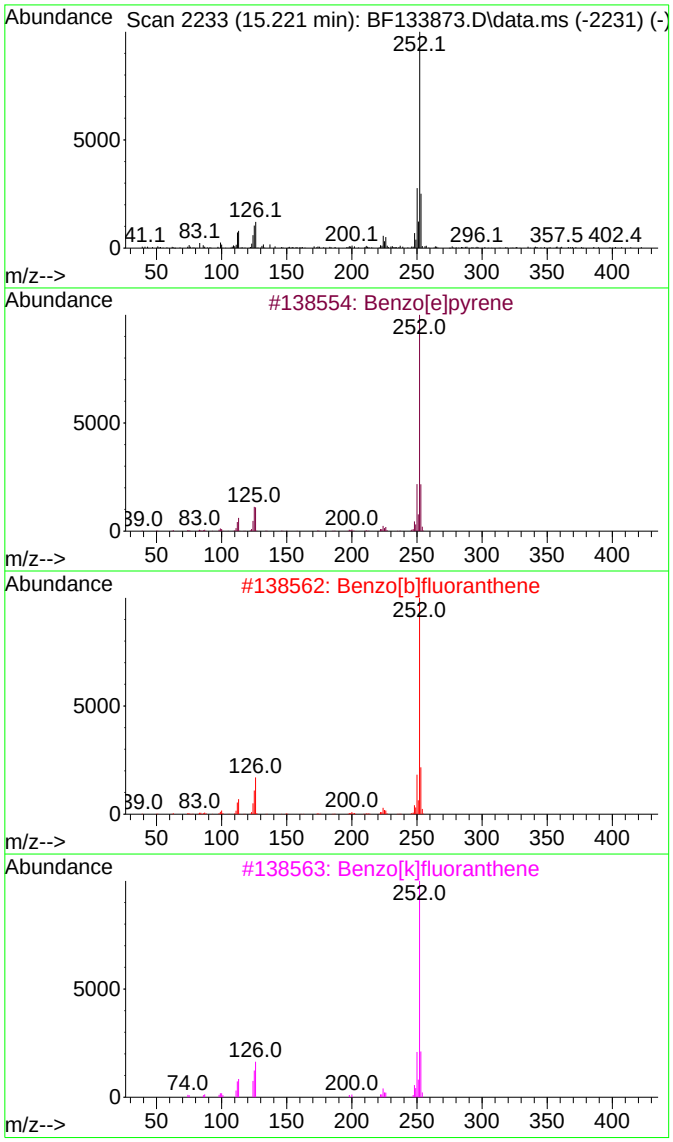
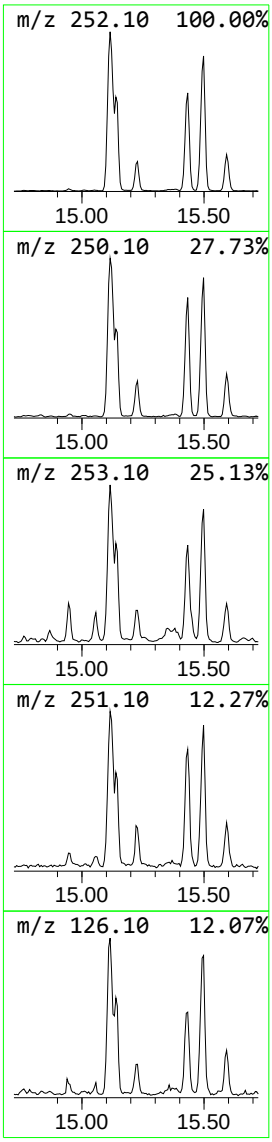
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	6.04 ng	143530	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133873.D
Acq On : 21 Jun 2023 16:20
Operator : CG\JU
Sample : 03335-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-7-061923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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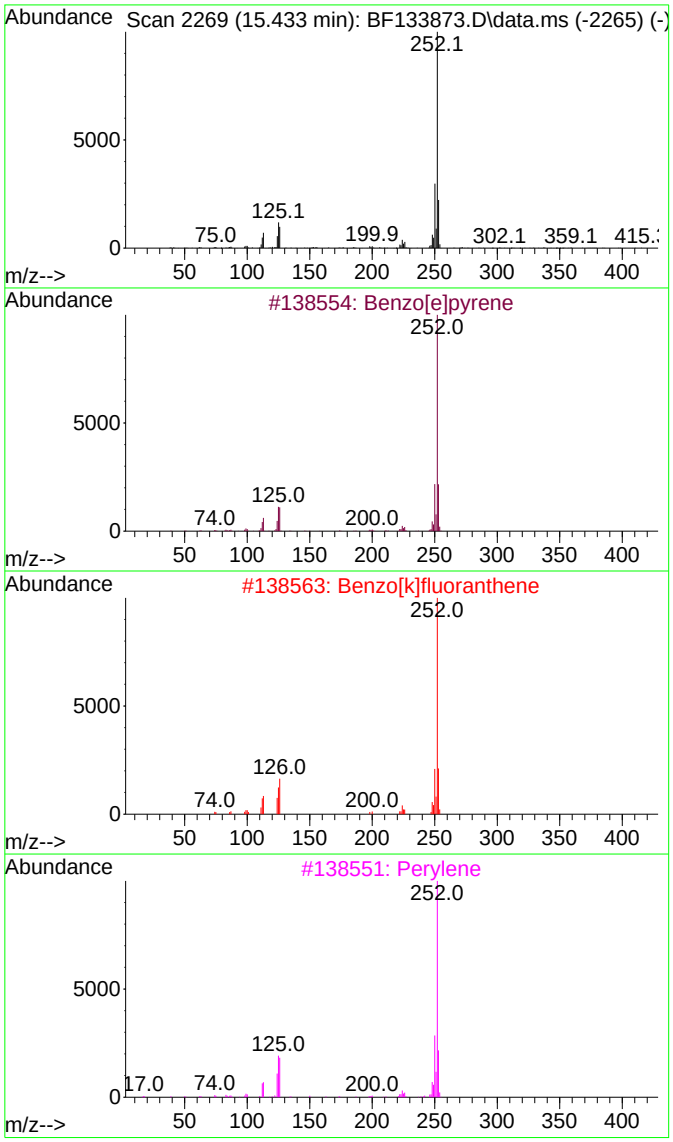
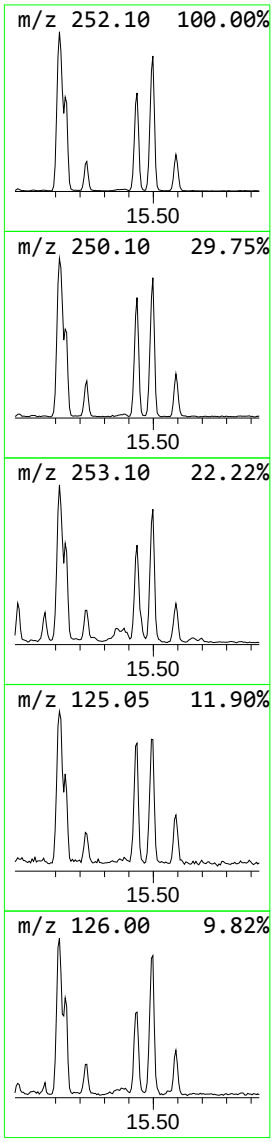
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	26.44 ng	627856	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133873.D
Acq On : 21 Jun 2023 16:20
Operator : CG\JU
Sample : 03335-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-7-061923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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...	2.146	17.8	ng	621160	1	6.857	697143	20.0
2-Pentanone, 4-...	5.099	2.8	ng	98852	1	6.857	697143	20.0
unknown8.428	8.428	3.3	ng	148763	2	8.140	904334	20.0
Decane, 2,6,7-t...	8.557	3.1	ng	140248	2	8.140	904334	20.0
Dodecane, 2,7,1...	9.157	3.5	ng	126516	3	9.898	717766	20.0
Carbonic acid, ...	9.616	4.6	ng	164285	3	9.898	717766	20.0
Benzophenone	10.610	5.2	ng	188212	3	9.898	717766	20.0
unknown10.810	10.810	2.9	ng	91561	4	11.386	626052	20.0
1H-Cyclopropa[l...	11.892	4.7	ng	146004	4	11.386	626052	20.0
Phenanthrene, 1...	11.922	13.2	ng	411677	4	11.386	626052	20.0
4H-Cyclopenta[d...	12.004	13.4	ng	420636	4	11.386	626052	20.0
Naphthalene, 2-...	12.192	4.0	ng	123601	4	11.386	626052	20.0
Phenanthrene, 2...	12.445	4.6	ng	143324	4	11.386	626052	20.0
unknown12.486	12.486	6.4	ng	201638	4	11.386	626052	20.0
9,10-Dimethylan...	12.533	3.4	ng	105292	4	11.386	626052	20.0
Octadecanoic acid	12.710	3.0	ng	93002	4	11.386	626052	20.0
11H-Benzo[b]flu...	13.169	4.0	ng	404135	5	14.051	2036610	20.0
11H-Benzo[a]flu...	13.239	3.1	ng	313333	5	14.051	2036610	20.0
Benzo[e]pyrene	15.221	6.0	ng	143530	6	15.563	474995	20.0
Perylene	15.433	26.4	ng	627856	6	15.563	474995	20.0