LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134135.D
Acq On : 07 Jul 2023 13:31
Operator : CG\JU
Sample : 03492-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-TP1

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: BF134135.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	4	10	19	rVB	936621	1215615	34.95%	3.255%
2	2.258	26	29	39	rVB	33707	50711	1.46%	0.136%
3	5.087	506	510	521	rVB	262563	356933	10.26%	0.956%
4	5.481	572	577	580	rBV	2944674	2848985	81.92%	7.628%
5	6.481	742	747	756	rBV	2643736	3052911	87.79%	8.174%
6	6.845	805	809	816	rBV	854829	747057	21.48%	2.000%
7	7.410	900	905	908	rBV	2206256	1991979	57.28%	5.333%
8	8.122	1023	1026	1029	rBV	1185836	941567	27.07%	2.521%
9	9.204	1205	1210	1213	rBV	3888408	3477679	100.00%	9.311%
10	9.739	1298	1301	1307	rVB	114538	105014	3.02%	0.281%
11	9.881	1321	1325	1328	rBV	1127915	907217	26.09%	2.429%
12	9.910	1328	1330	1334	rVB	84316	71724	2.06%	0.192%
13	10.086	1355	1360	1364	rBV2	49498	52305	1.50%	0.140%
14	10.134	1364	1368	1371	rVB	90147	83688	2.41%	0.224%
15	10.428	1415	1418	1424	rVB2	60085	60072	1.73%	0.161%
16	10.598	1443	1447	1454	rVB	423662	349422	10.05%	0.936%
17	10.675	1456	1460	1466	rBV	2131317	1886239	54.24%	5.050%
18	10.798	1476	1481	1488	rVB3	33606	52720	1.52%	0.141%
19	11.181	1543	1546	1549	rVB2	45256	39672	1.14%	0.106%
20	11.233	1549	1555	1558	rVV2	31220	51386	1.48%	0.138%
21	11.269	1558	1561	1566	rVB	54841	55291	1.59%	0.148%
22	11.375	1575	1579	1581	rBV	963695	839473	24.14%	2.248%
23	11.398	1581	1583	1587	rVV	926035	751957	21.62%	2.013%
24	11.451	1589	1592	1595	rVB	172846	140837	4.05%	0.377%
25	11.610	1612	1619	1626	rBV3	76483	125324	3.60%	0.336%
26	11.669	1626	1629	1633	rVV2	45664	41791	1.20%	0.112%
27	11.880	1661	1665	1667	rBV	145231	151056	4.34%	0.404%
28	11.904	1667	1669	1674	rVV	604115	587764	16.90%	1.574%
29	11.957	1675	1678	1680	rVV	78745	84761	2.44%	0.227%
30	11.992	1680	1684	1686	rVV2	265496	290396	8.35%	0.777%
31	12.016	1686	1688	1692	rVB	129452	114722	3.30%	0.307%
32	12.086	1693	1700	1702	rBV4	28780	58689	1.69%	0.157%
33	12.175	1713	1715	1718	rBV	98201	88476	2.54%	0.237%
34	12.204	1718	1720	1723	rVB	115274	92397	2.66%	0.247%
35	12.327	1739	1741	1743	rVB	47714	37579	1.08%	0.101%
36	12.433	1755	1759	1761	rBV	111545	118229	3.40%	0.317%

LSC Area Percent Report

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Acq On : 07 Jul 2023 13:31
Operator : CG\JU
Sample : 03492-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-TP1

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	12.469	1762	1765	1767	rVV2	97394	109272	3.14%	0.293%
38	12.522	1771	1774	1778	rVB	95117	99377	2.86%	0.266%
39	12.598	1783	1787	1790	rBV	1674495	1443003	41.49%	3.863%
40	12.692	1800	1803	1807	rBV	150657	166386	4.78%	0.445%
41	12.827	1820	1826	1832	rBV	1517632	1675217	48.17%	4.485%
42	12.875	1832	1834	1839	rVB2	81960	101648	2.92%	0.272%
43	12.945	1843	1846	1847	rBV2	84308	73106	2.10%	0.196%
44	12.975	1847	1851	1859	rVB	2763191	2525624	72.62%	6.762%
45	13.045	1859	1863	1867	rBV3	129378	214720	6.17%	0.575%
46	13.133	1875	1878	1879	rBV2	85757	84871	2.44%	0.227%
47	13.157	1879	1882	1886	rVB	221269	228403	6.57%	0.612%
48	13.227	1891	1894	1896	rVV	124948	119039	3.42%	0.319%
49	13.263	1896	1900	1903	rVV2	181821	208052	5.98%	0.557%
50	13.322	1907	1910	1913	rVV2	39788	45412	1.31%	0.122%
51	13.357	1913	1916	1918	rVV	88683	82854	2.38%	0.222%
52	13.386	1918	1921	1925	rVB	111587	103338	2.97%	0.277%
53	13.645	1962	1965	1967	rBV3	40733	48262	1.39%	0.129%
54	13.669	1967	1969	1975	rVB	161662	167122	4.81%	0.447%
55	13.780	1983	1988	1991	rBV2	130909	163617	4.70%	0.438%
56	13.810	1991	1993	1995	rVV	123298	98465	2.83%	0.264%
57	13.833	1995	1997	1999	rVV	96701	99701	2.87%	0.267%
58	13.880	2002	2005	2014	rVB2	157084	254873	7.33%	0.682%
59	14.033	2024	2031	2034	rBV2	973857	1537227	44.20%	4.116%
60	14.063	2034	2036	2041	rVB	777419	667790	19.20%	1.788%
61	14.139	2047	2049	2052	rVB	95877	70408	2.02%	0.189%
62	14.180	2054	2056	2063	rBV4	64637	133506	3.84%	0.357%
63	14.427	2093	2098	2101	rBV	165426	174541	5.02%	0.467%
64	14.457	2101	2103	2107	rVV2	92053	97682	2.81%	0.262%
65	14.504	2108	2111	2116	rVV4	88127	149571	4.30%	0.400%
66	14.551	2116	2119	2121	rVV2	108300	105447	3.03%	0.282%
67	14.574	2121	2123	2125	rVB2	73986	60319	1.73%	0.161%
68	14.745	2149	2152	2154	rBV3	52150	55758	1.60%	0.149%
69	14.821	2162	2165	2169	rBV4	58573	74568	2.14%	0.200%
70	15.098	2207	2212	2215	rBV	738681	1147892	33.01%	3.073%
71	15.210	2227	2231	2234	rBV	154936	161756	4.65%	0.433%
72	15.410	2261	2265	2271	rVB	385704	521453	14.99%	1.396%
73	15.474	2272	2276	2282	rVB	524571	696662	20.03%	1.865%
74	15.539	2282	2287	2290	rBV	412262	558119	16.05%	1.494%
75	15.574	2290	2293	2300	rVB2	152387	219579	6.31%	0.588%
76	17.080	2543	2549	2560	rVB2	215067	465974	13.40%	1.248%

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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-TP1

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

77	17.333	2589	2592	2598	rVB	41783	66031	1.90%	0.177%
78	17.551	2622	2629	2641	rVB	157718	352013	10.12%	0.942%

Sum of corrected areas: 37350296

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
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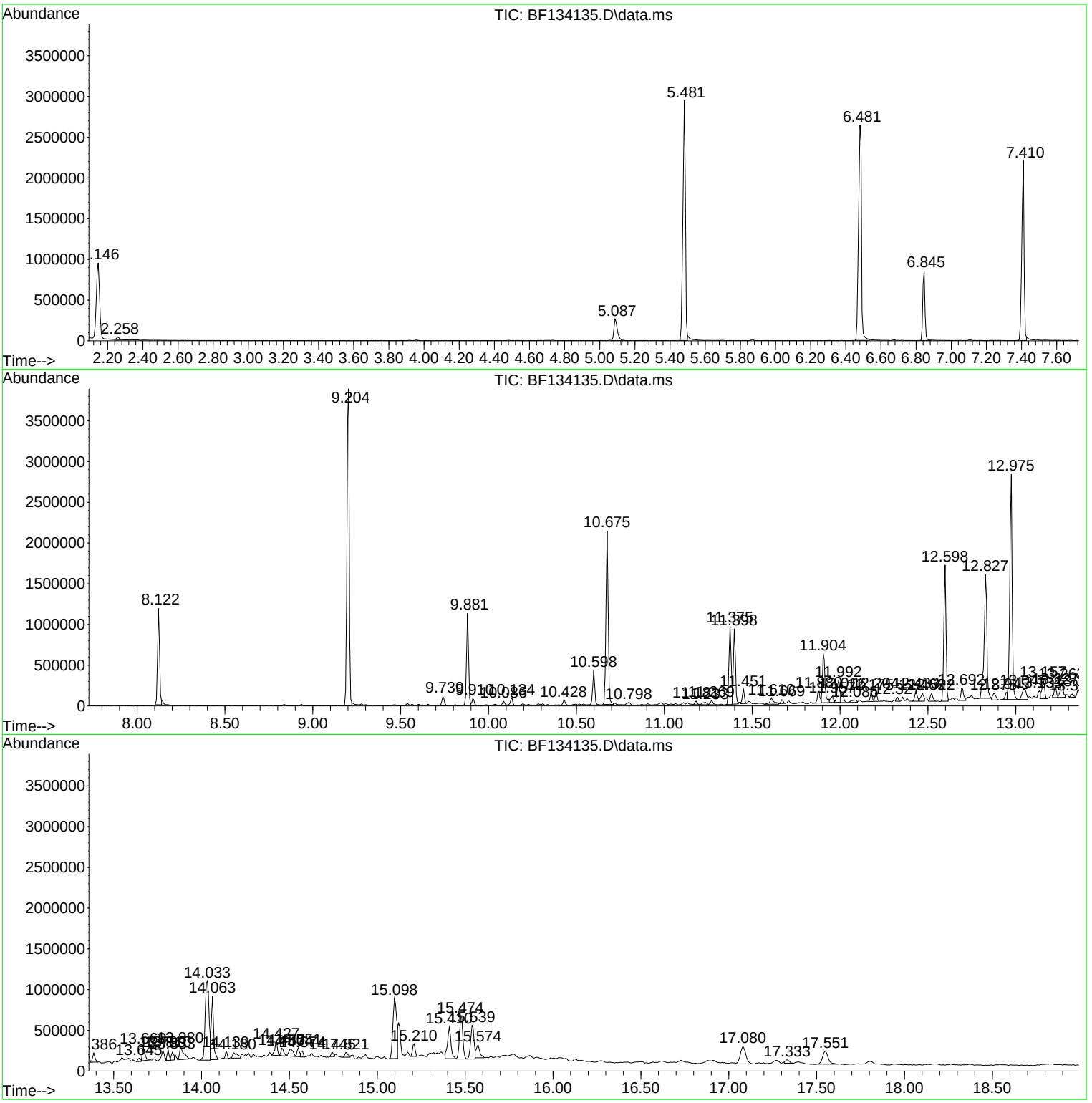
Instrument :
BNA_F
ClientSampleId :
TB-TP1

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\BF070623\
Data File : BF134135.D
Acq On : 07 Jul 2023 13:31
Operator : CG\JU
Sample : 03492-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-TP1

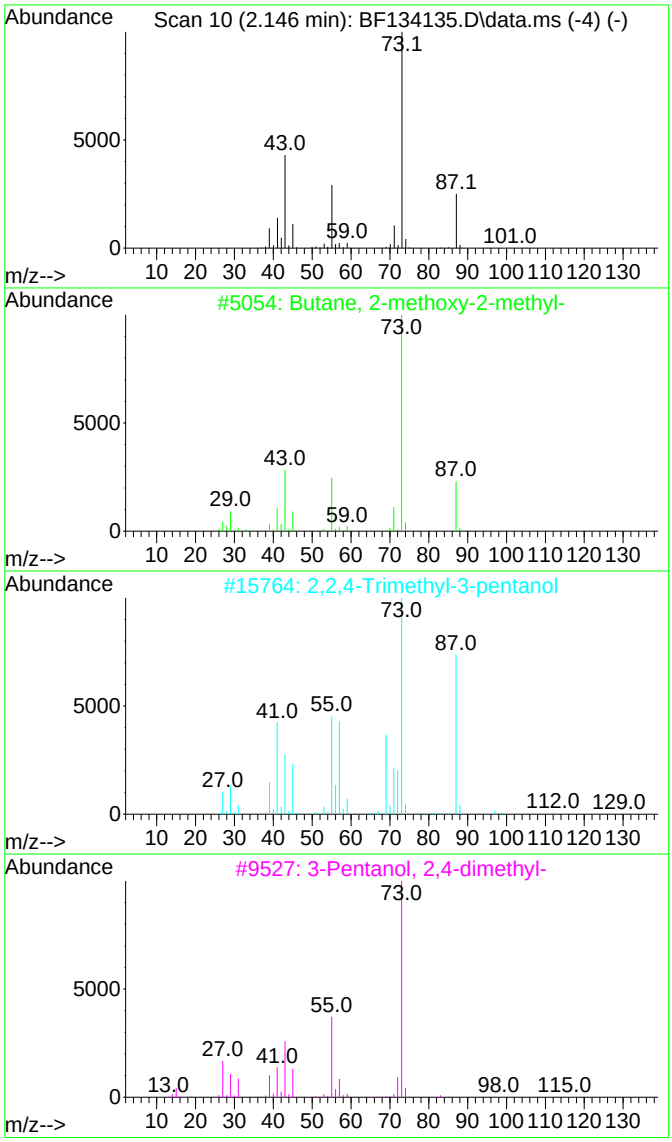
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

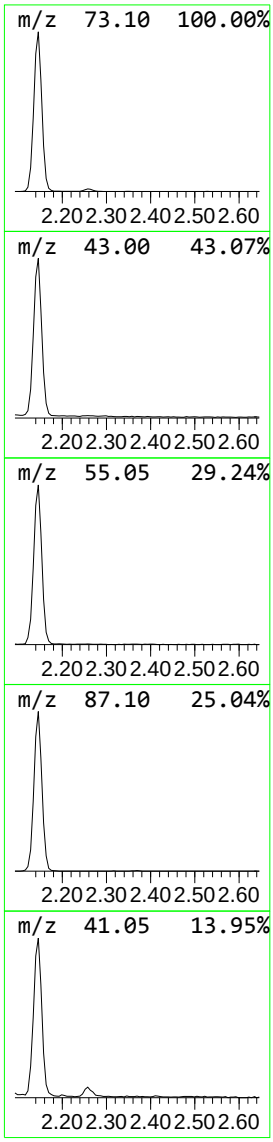
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	32.54 ng	1215620	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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134135.D
Acq On : 07 Jul 2023 13:31
Operator : CG\JU
Sample : 03492-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-TP1

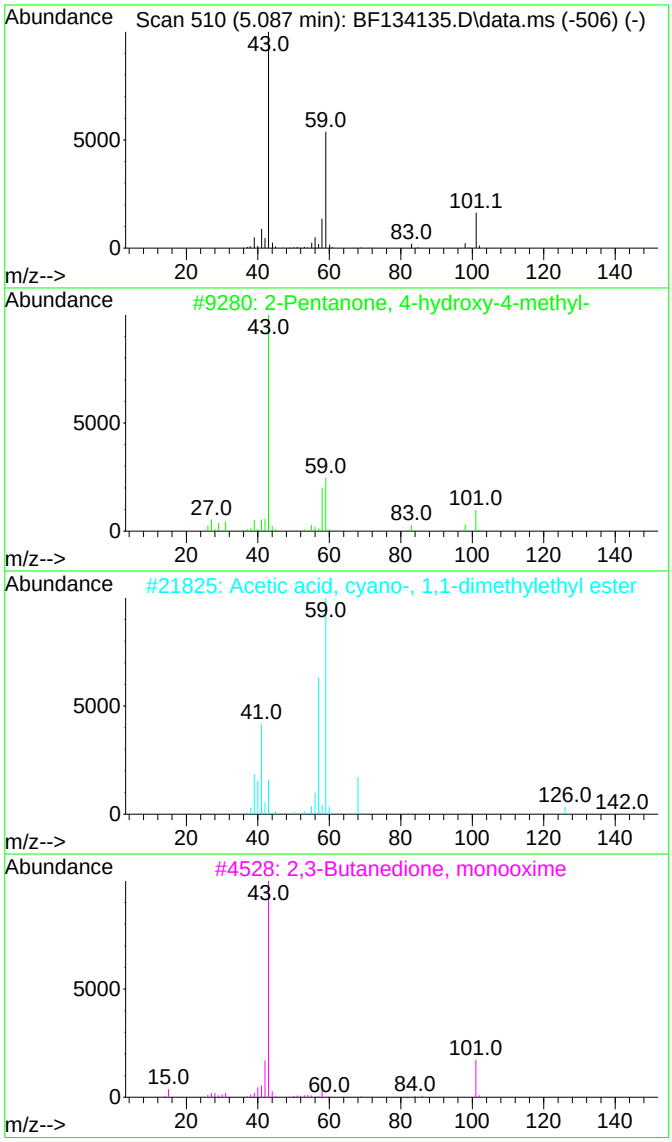
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

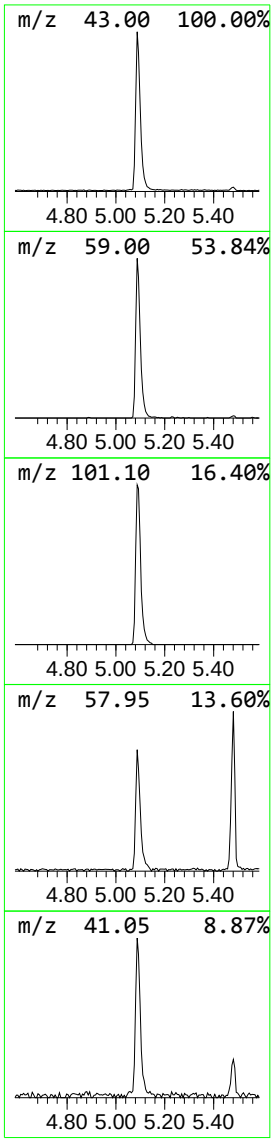
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	9.56 ng	356933	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	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134135.D
Acq On : 07 Jul 2023 13:31
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Sample : 03492-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
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

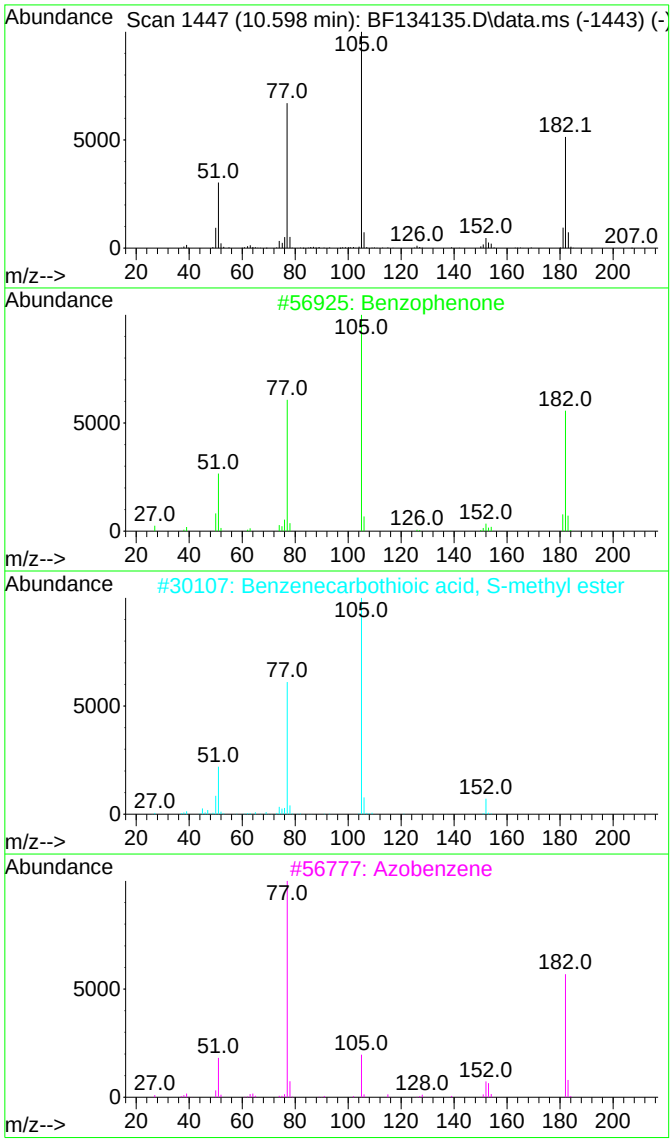
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

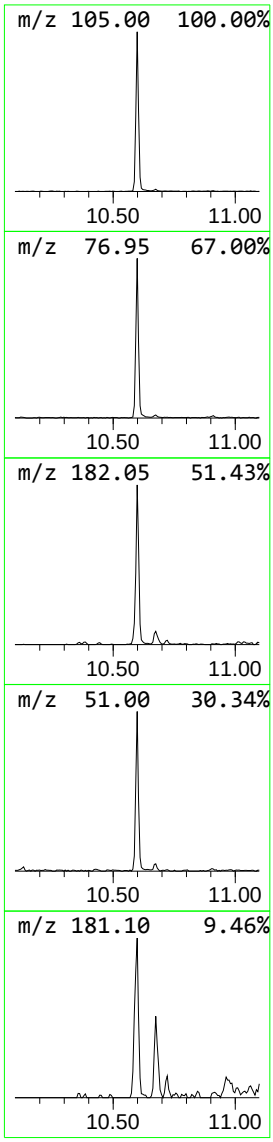
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	7.70 ng	349422	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	Azobenzene	182	C12H10N2	000103-33-3	52
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47





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

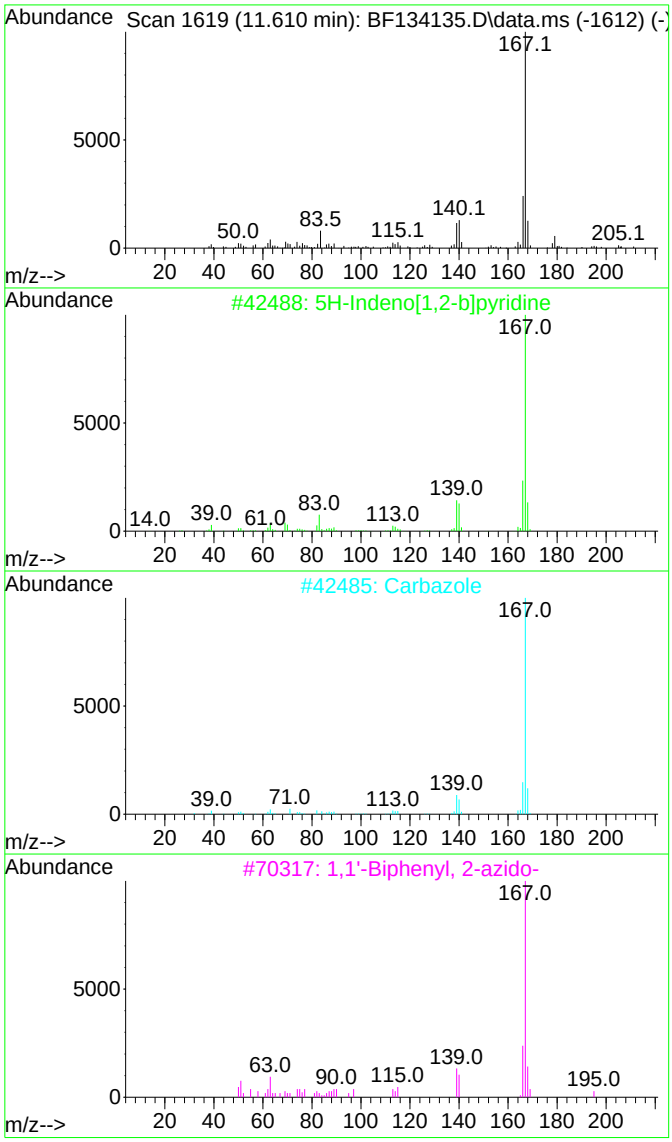
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

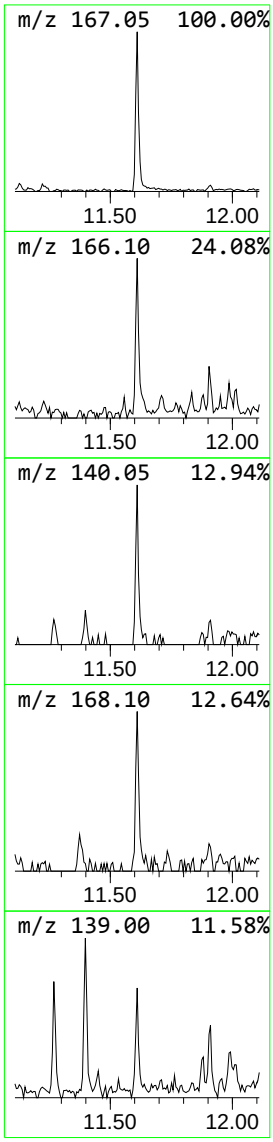
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	2.99 ng	125324	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	87
3	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	64
4	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	64
5	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	59





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Sample : 03492-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-TP1

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

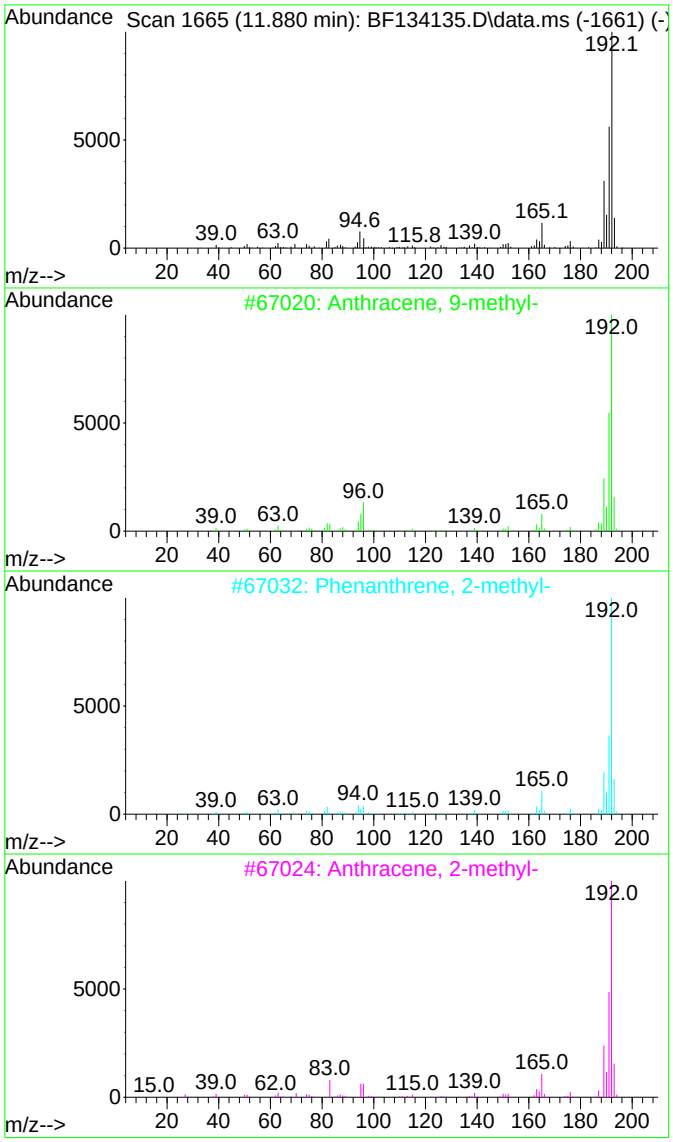
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

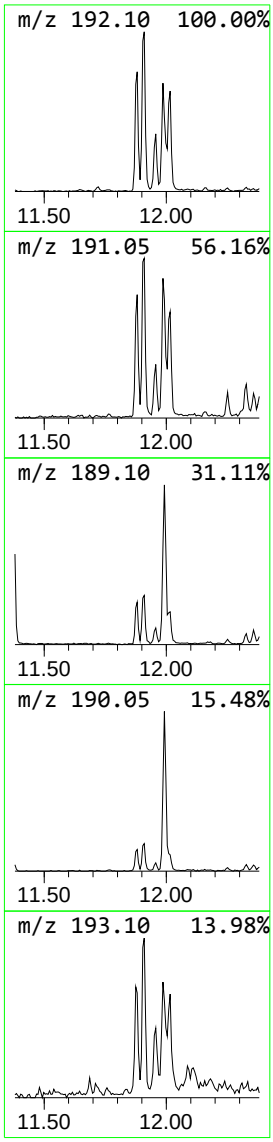
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.881	3.60 ng	151056	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Data File : BF134135.D
Acq On : 07 Jul 2023 13:31
Operator : CG\JU
Sample : 03492-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-TP1

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

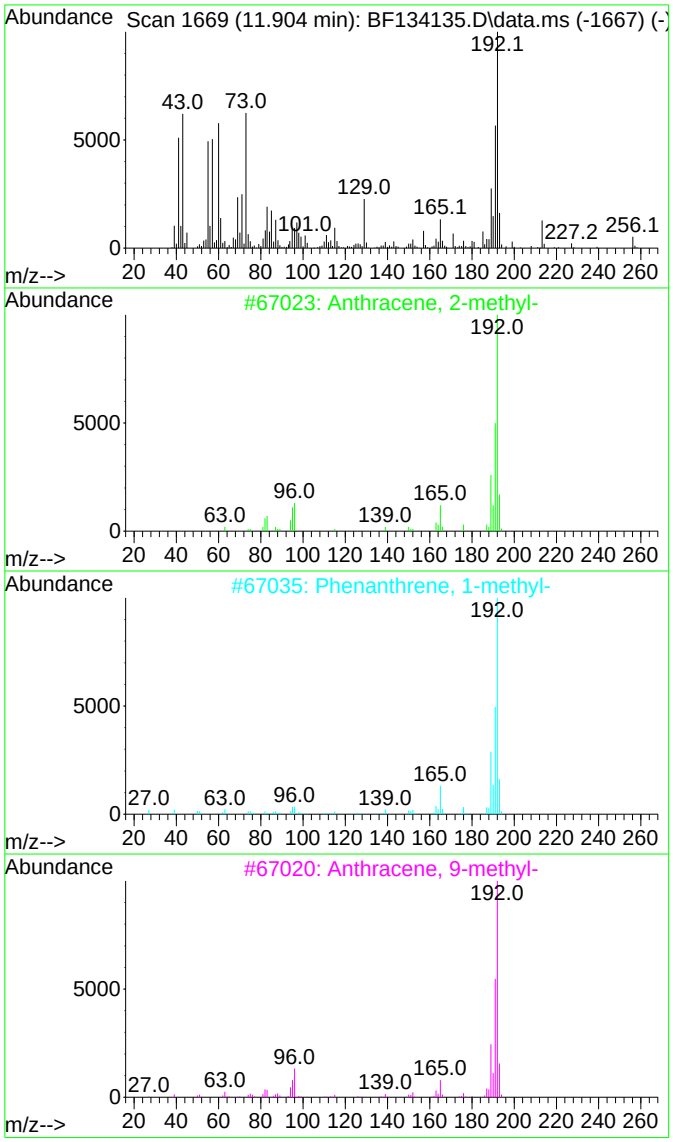
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

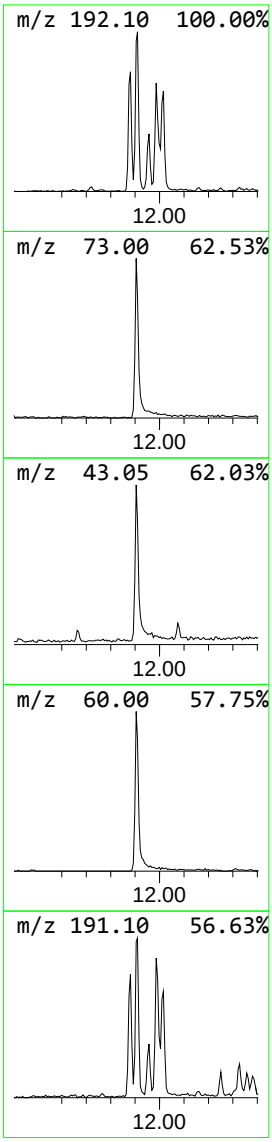
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	14.00 ng	587764	Phenanthrene-d10	11.375

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





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Operator : CG\JU
Sample : 03492-01
Misc :
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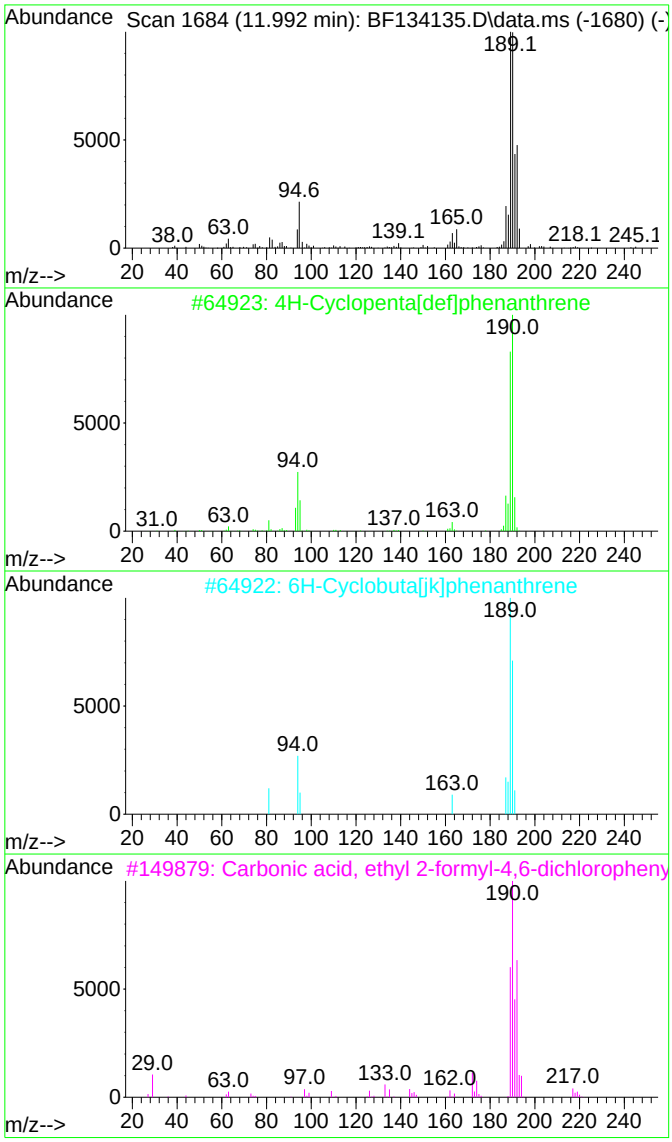
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

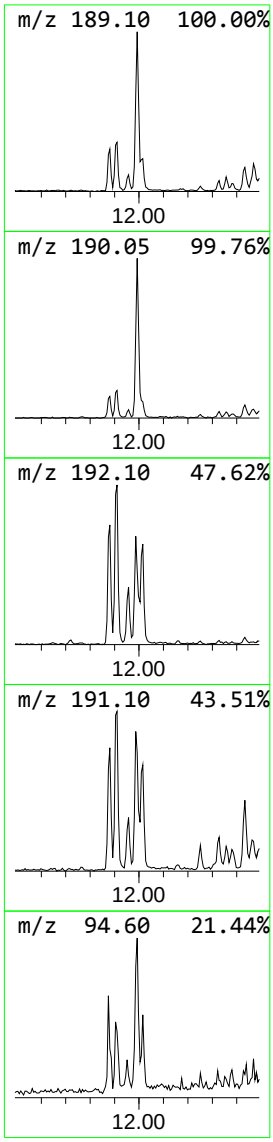
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	6.92 ng	290396	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
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	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38





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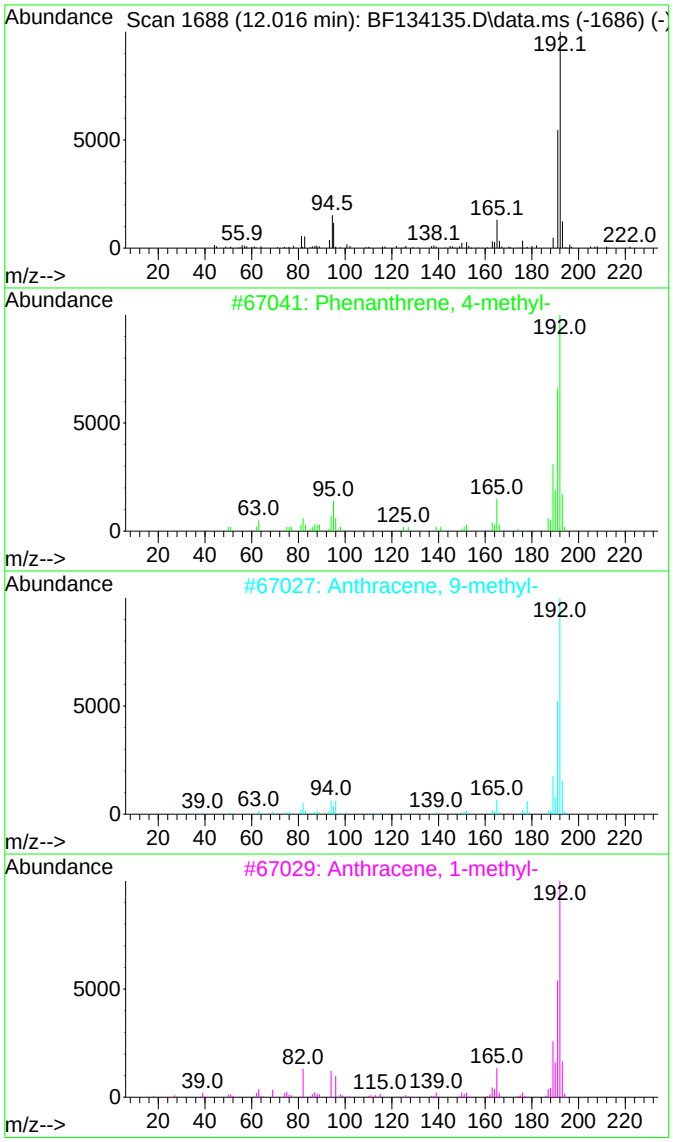
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

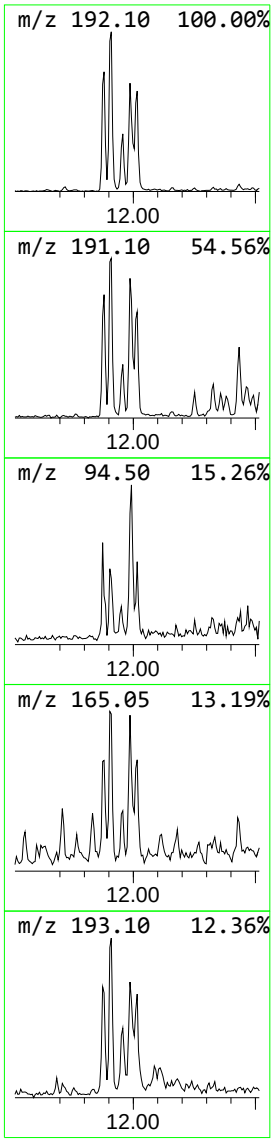
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	2.73 ng	114722	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





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

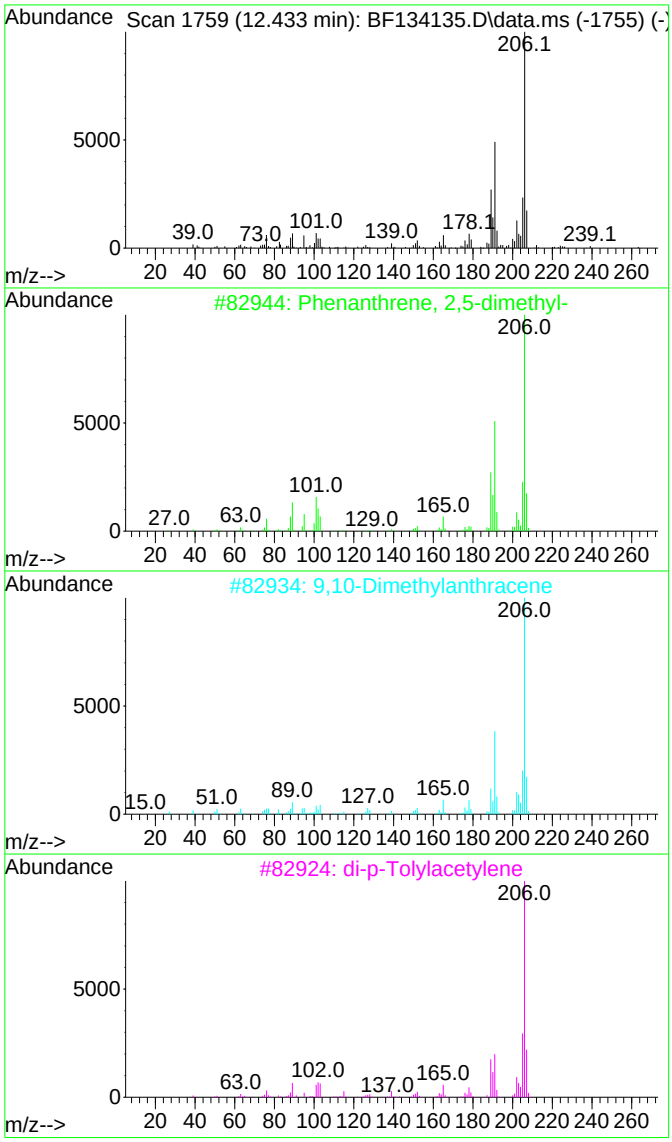
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

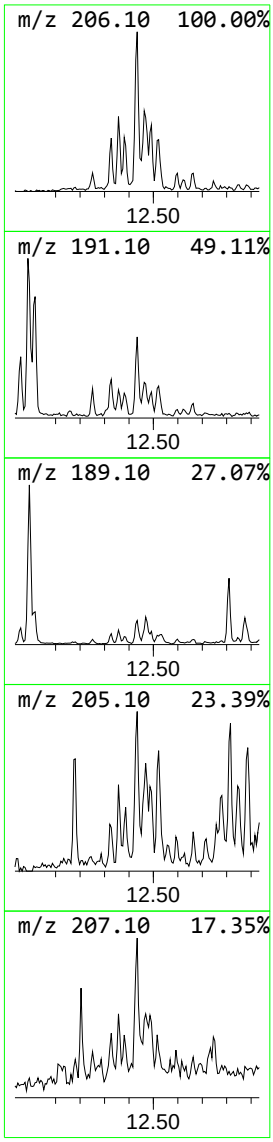
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	2.82 ng	118229	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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

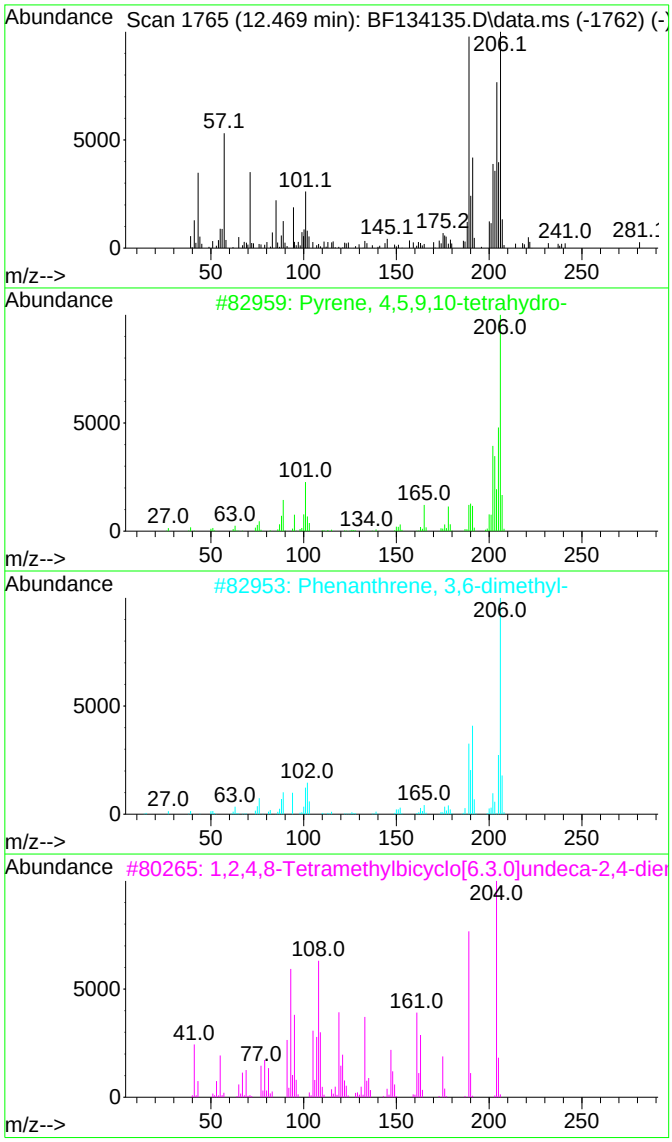
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

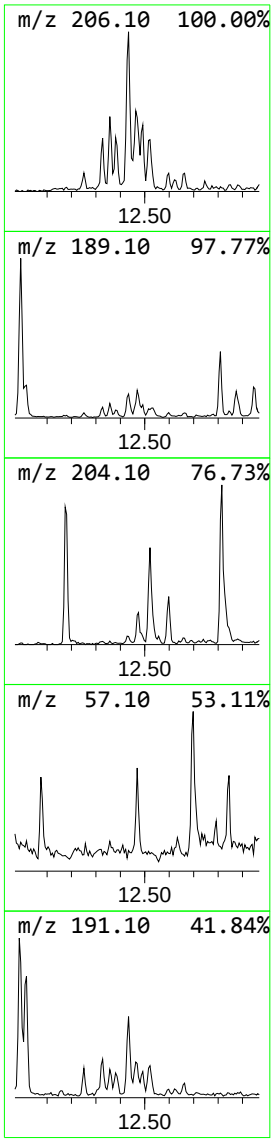
****

Peak Number 10 unknown12.469 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	2.60 ng	109272	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	27
4	2-Chloro-5-(difluoromethyl)anili...	205	C9H10ClF2N	1000499-80-3	25
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	22





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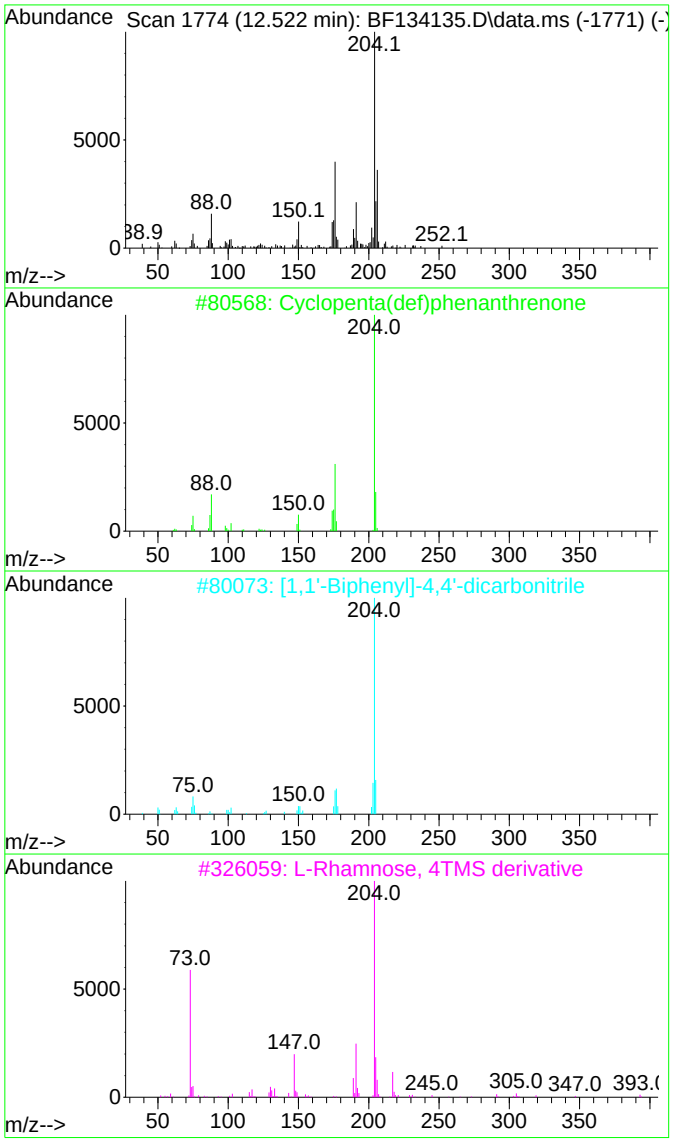
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

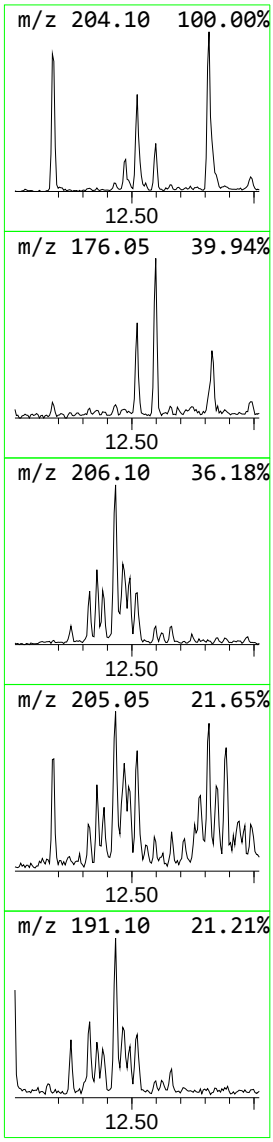
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	2.37 ng	99377	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	43
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41





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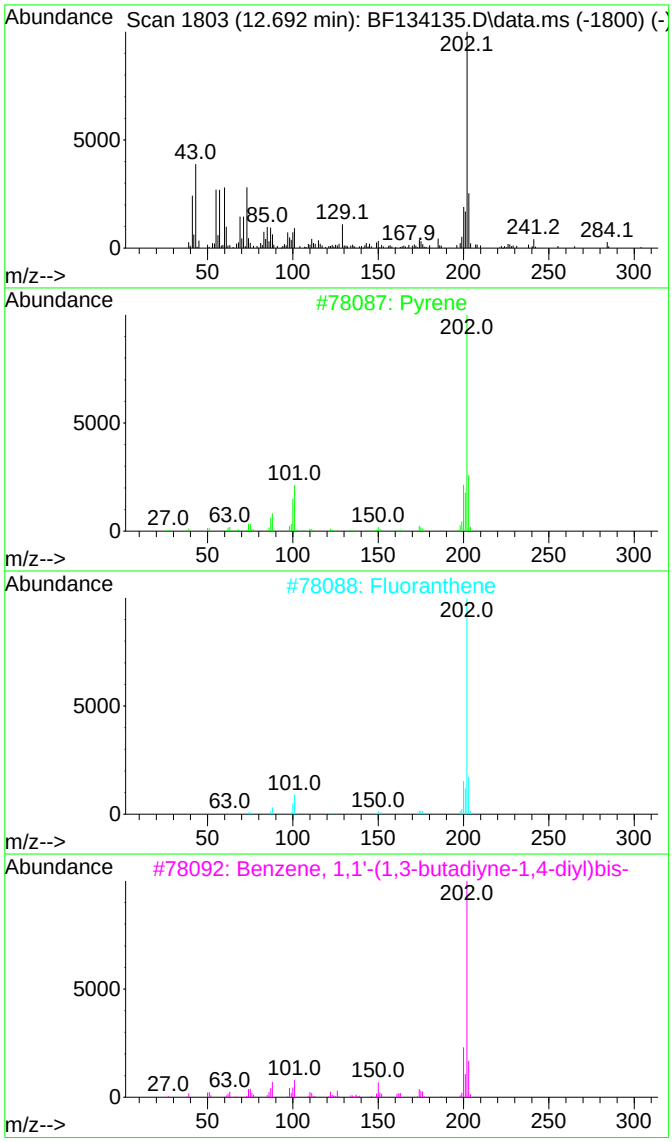
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

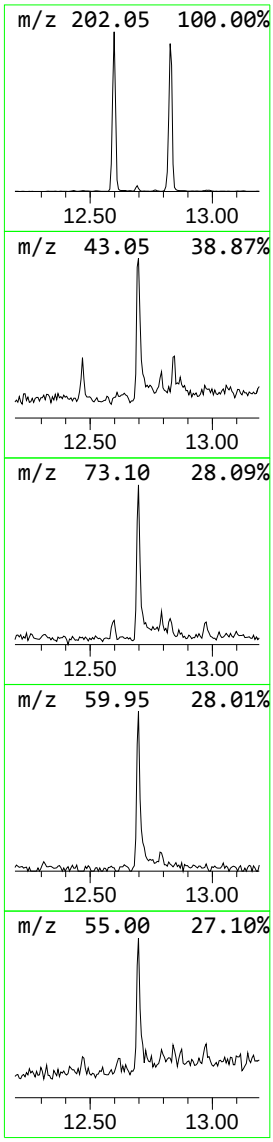
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.692	3.96 ng	166386	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	78
2	Fluoranthene	202	C16H10	000206-44-0	64
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	53
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	50
5	Anthracene, 9-(2-nitroethenyl)-	249	C16H11NO2	058349-77-2	40





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Misc :
ALS Vial : 38 Sample Multiplier: 1

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

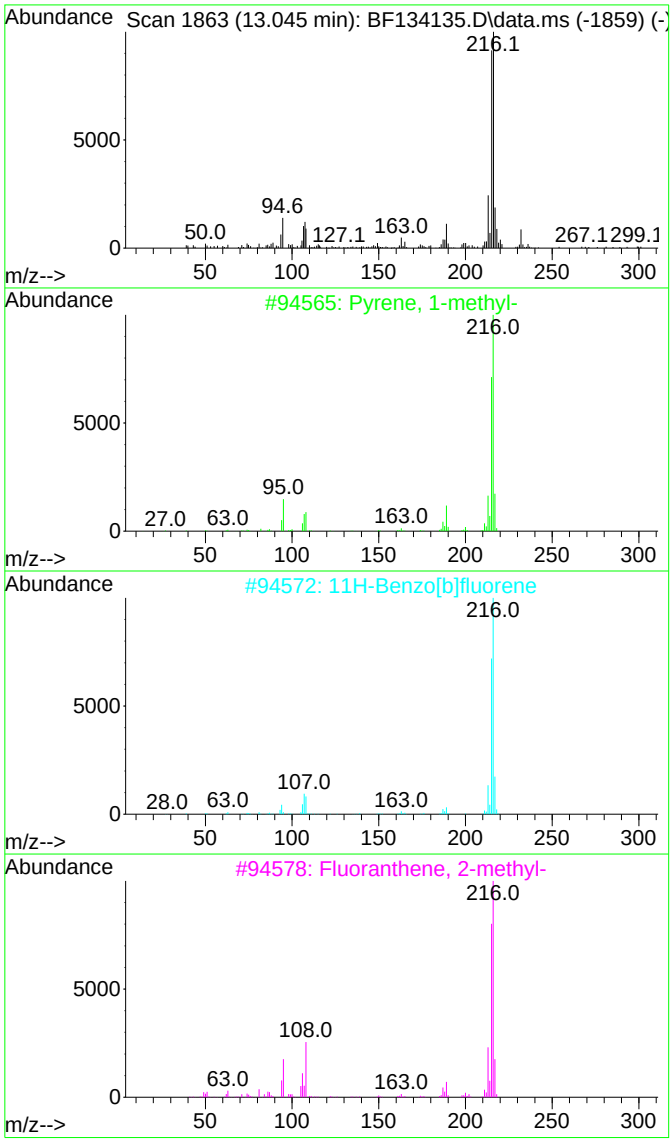
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

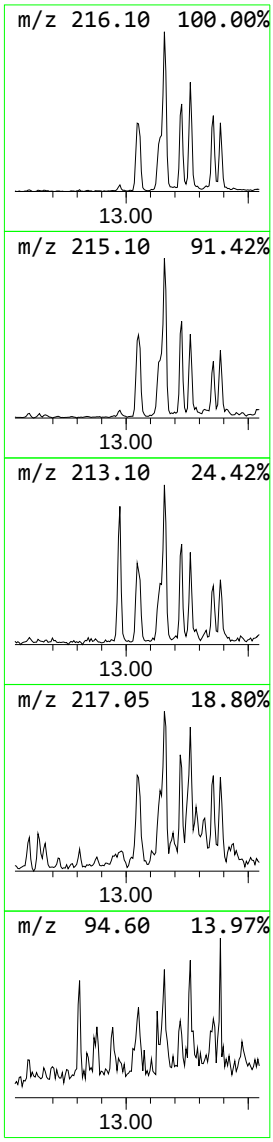
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.045	2.79 ng	214720	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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

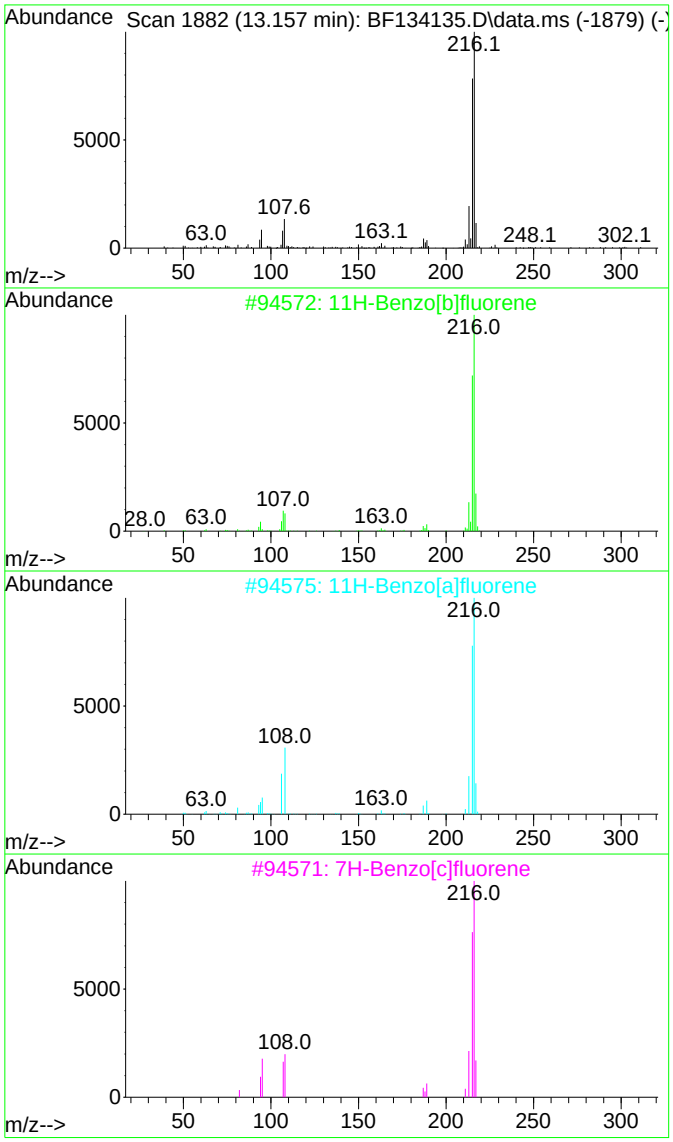
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

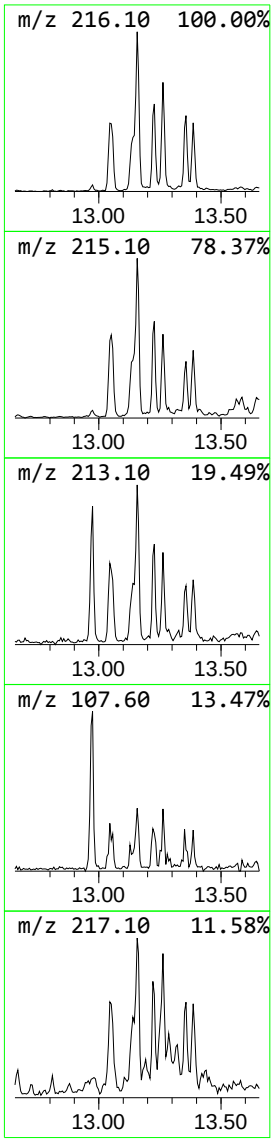
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.97 ng	228403	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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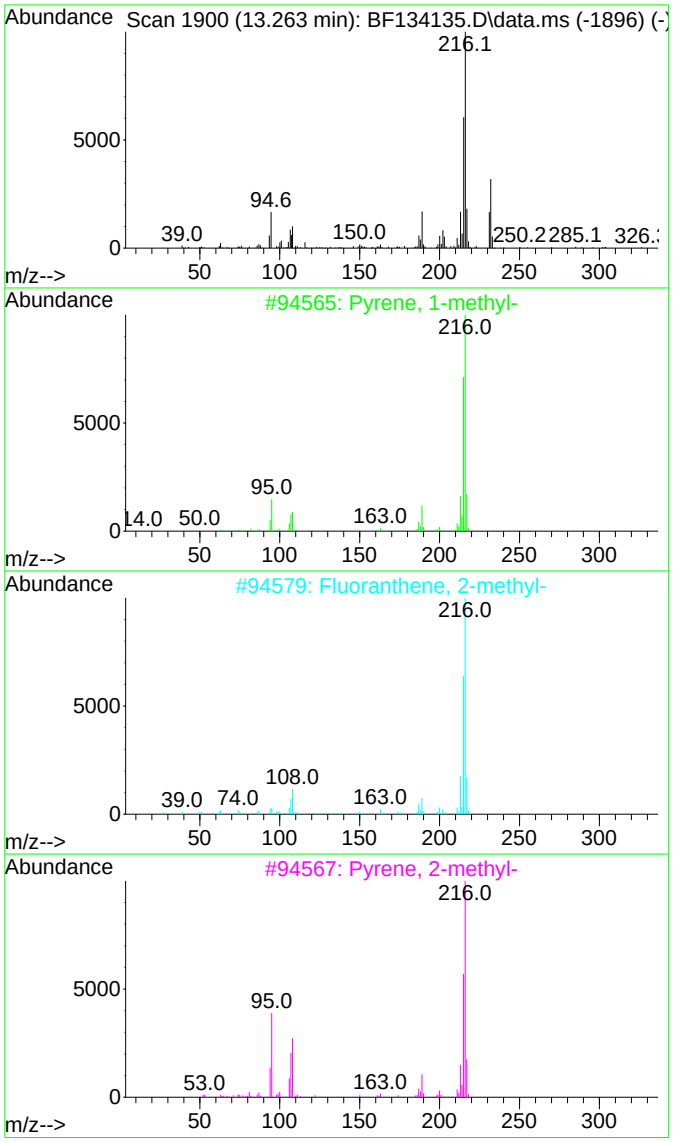
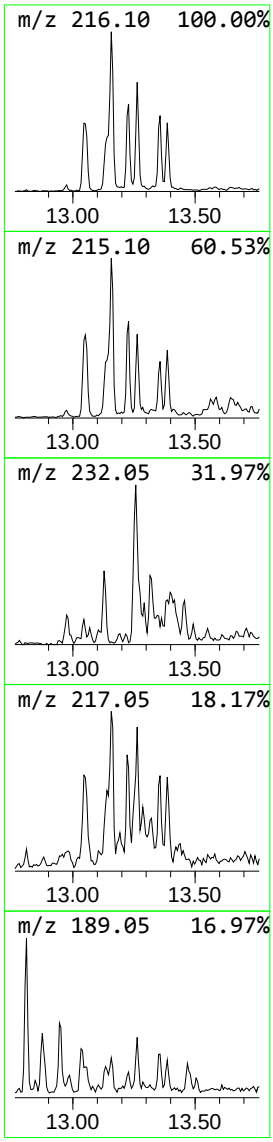
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	2.71 ng	208052	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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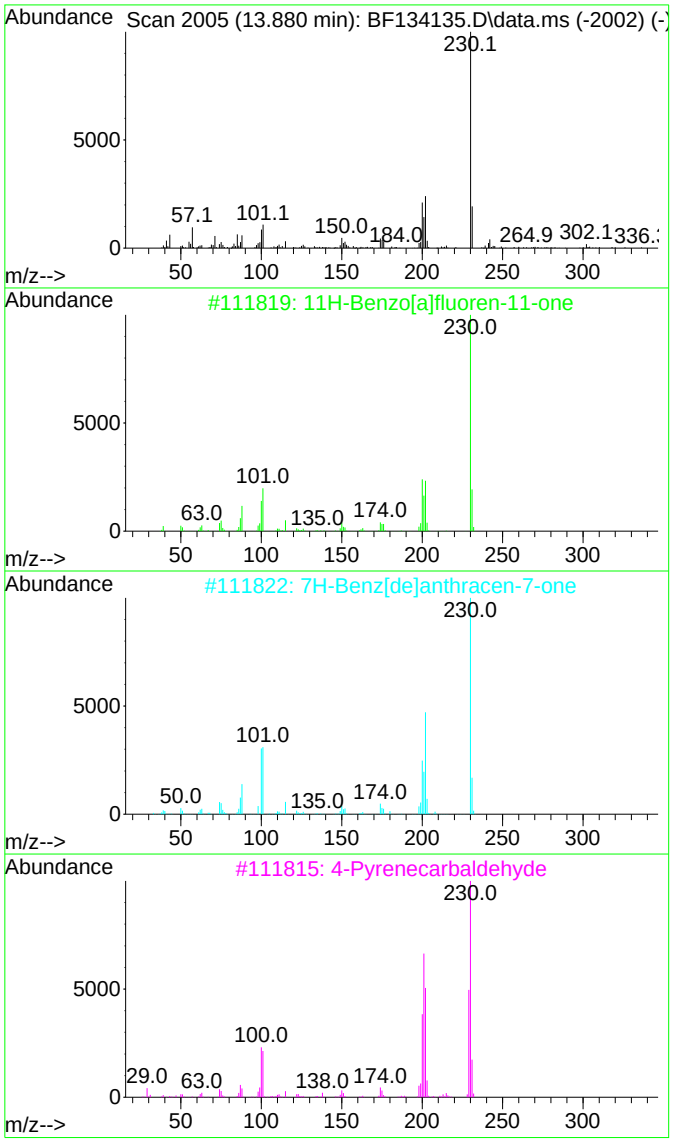
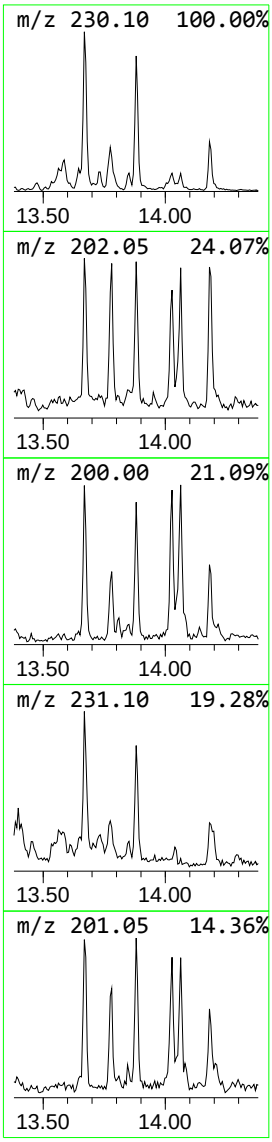
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.32 ng	254873	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68





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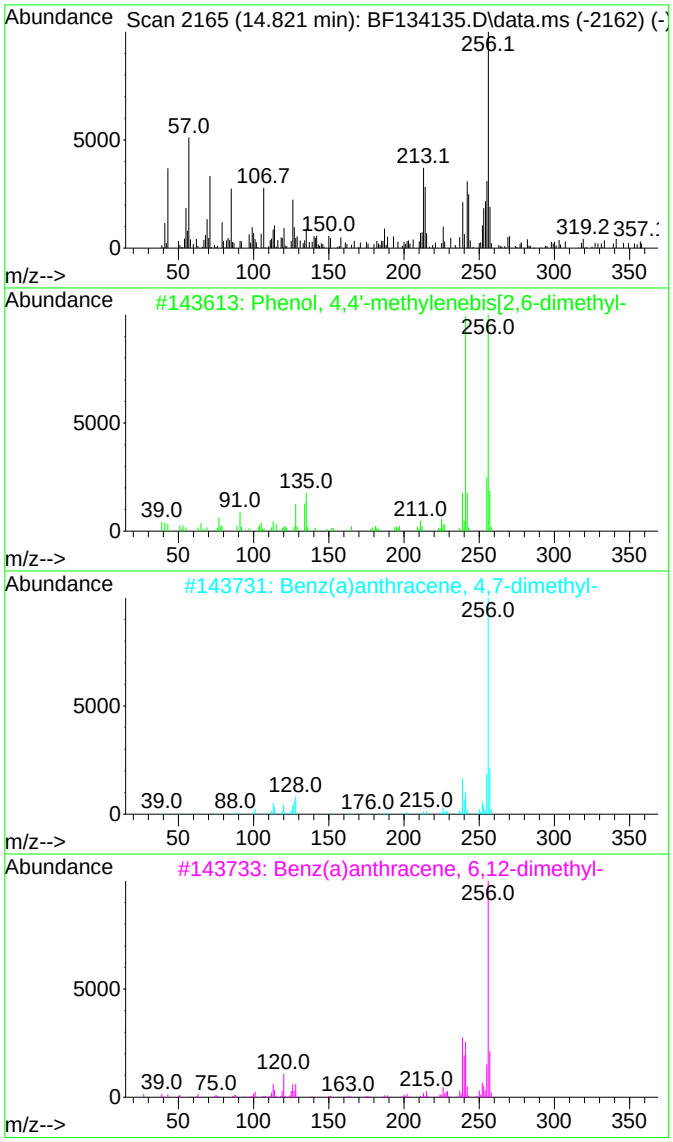
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

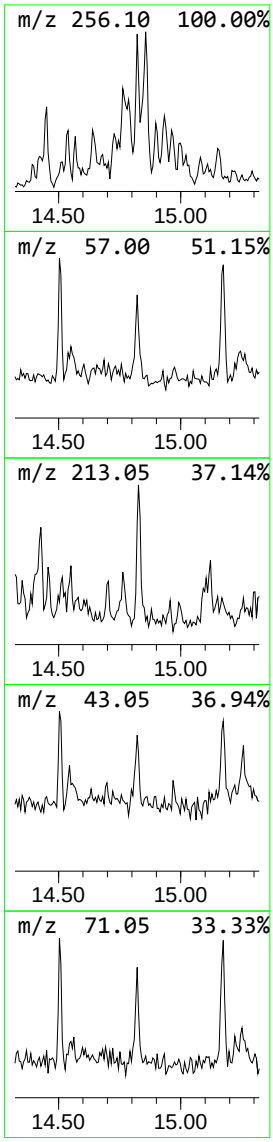
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenol, 4,4'-methylenebis[2... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	2.67 ng	74568	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	60
2	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	55
3	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	46
4	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	46
5	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	45





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ClientSampleId :
TB-TP1

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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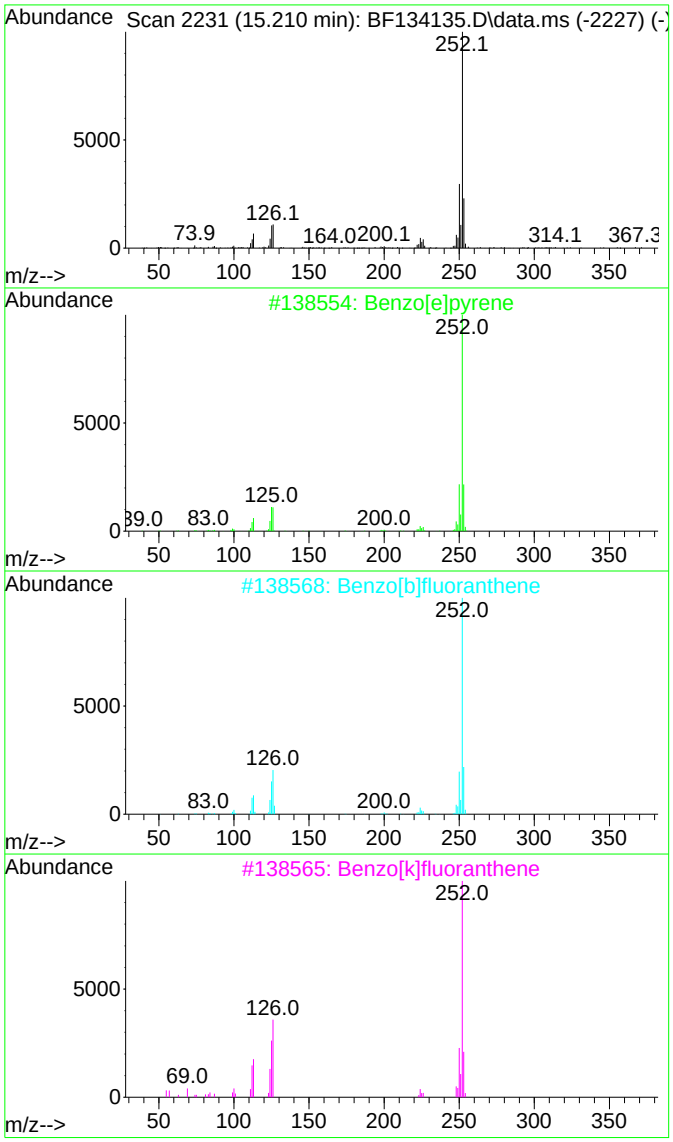
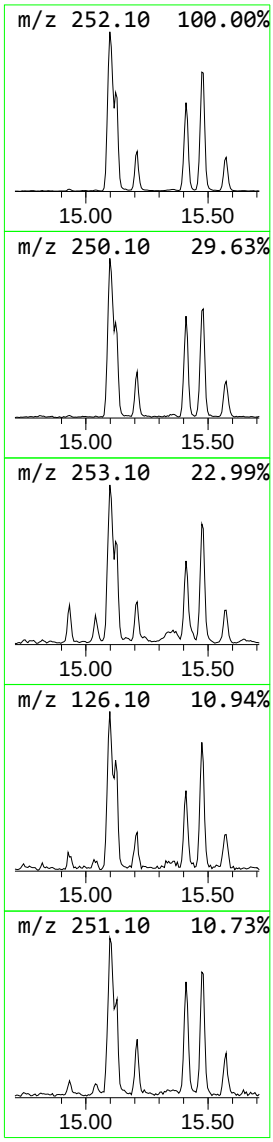
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	5.80 ng	161756	Perylene-d12	15.539

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[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134135.D
Acq On : 07 Jul 2023 13:31
Operator : CG\JU
Sample : 03492-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-TP1

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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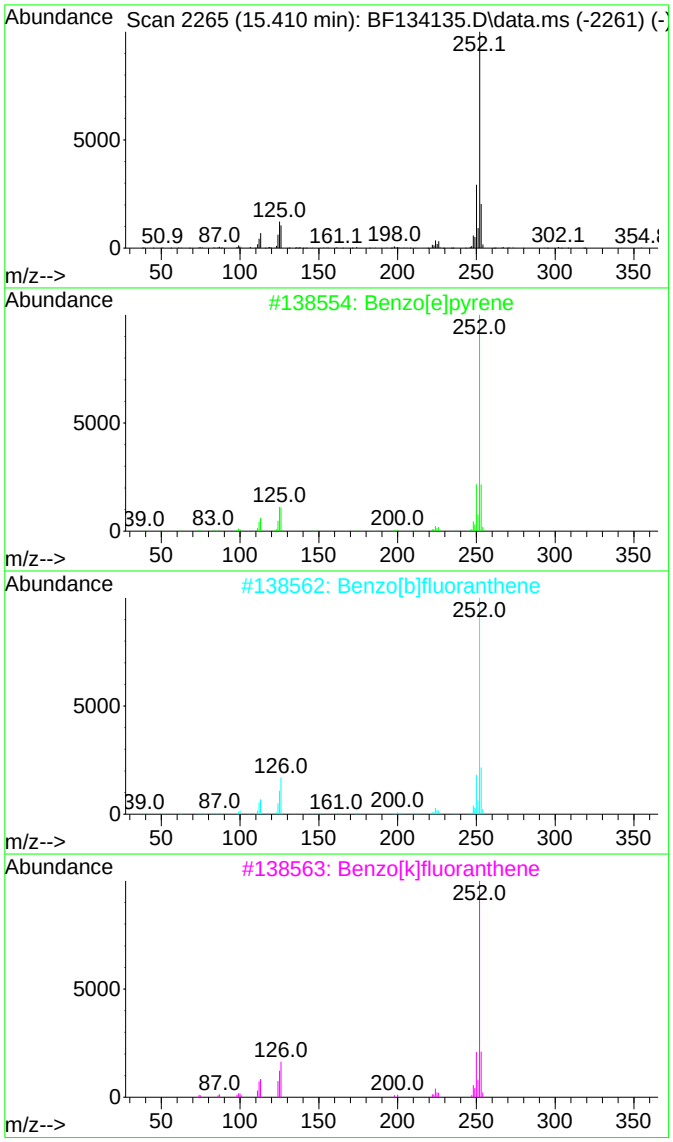
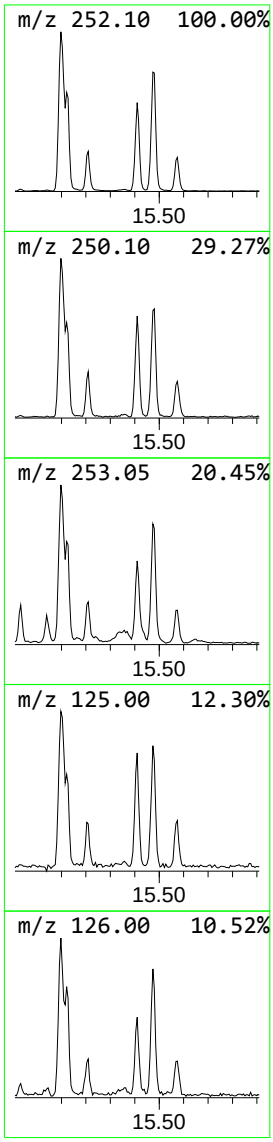
Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	18.69 ng	521453	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134135.D
Acq On : 07 Jul 2023 13:31
Operator : CG\JU
Sample : 03492-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-TP1

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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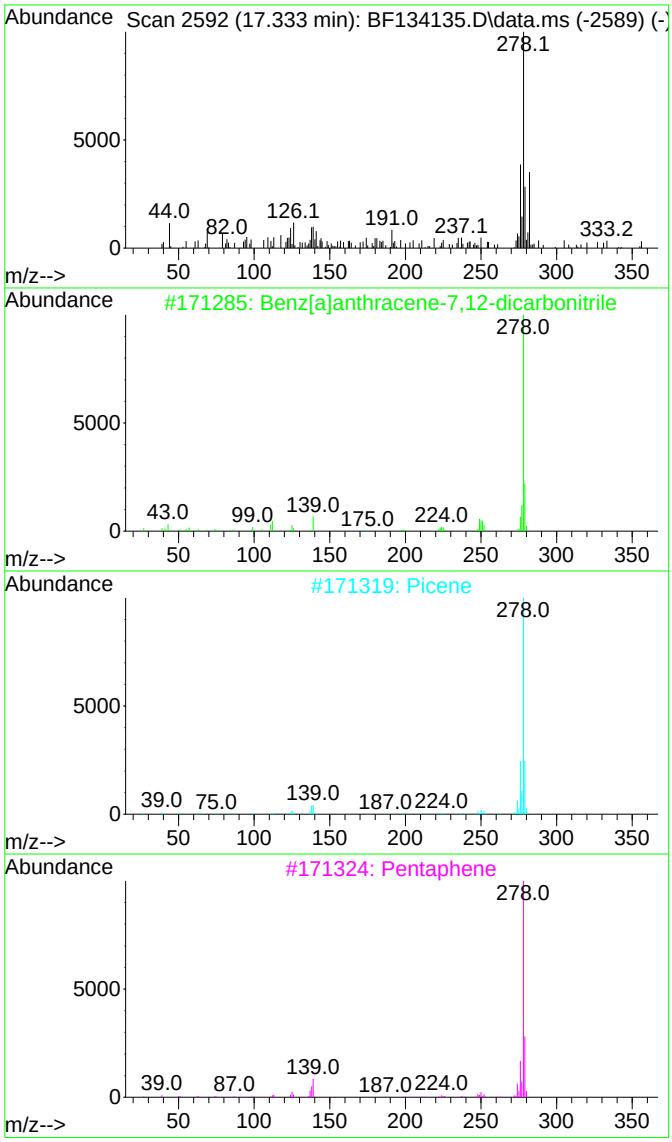
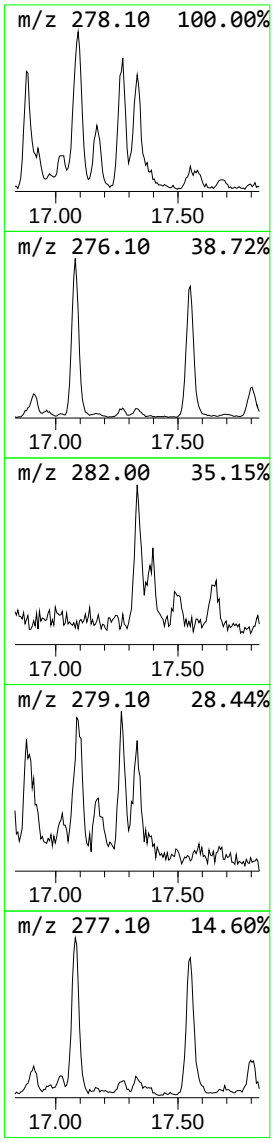
Peak Number 20 Benz[a]anthracene-7,12-dica... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.333	2.37 ng	66031	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	60
2	Picene	278	C22H14	000213-46-7	55
3	Pentaphene	278	C22H14	000222-93-5	55
4	Benzo[b]chrysene	278	C22H14	000214-17-5	55
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134135.D
Acq On : 07 Jul 2023 13:31
Operator : CG\JU
Sample : 03492-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-TP1

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...	2.146	32.5	ng	1215620	1	6.845	747057	20.0
2-Pentanone, 4-...	5.087	9.6	ng	356933	1	6.845	747057	20.0
Benzophenone	10.598	7.7	ng	349422	3	9.881	907217	20.0
5H-Indeno[1,2-b...	11.610	3.0	ng	125324	4	11.375	839473	20.0
Anthracene, 9-m...	11.881	3.6	ng	151056	4	11.375	839473	20.0
Anthracene, 2-m...	11.904	14.0	ng	587764	4	11.375	839473	20.0
4H-Cyclopenta[d...	11.992	6.9	ng	290396	4	11.375	839473	20.0
Phenanthrene, 4...	12.016	2.7	ng	114722	4	11.375	839473	20.0
Phenanthrene, 2...	12.433	2.8	ng	118229	4	11.375	839473	20.0
unknown12.469	12.469	2.6	ng	109272	4	11.375	839473	20.0
Cyclopenta(def)...	12.522	2.4	ng	99377	4	11.375	839473	20.0
Benzene, 1,1'-(...	12.692	4.0	ng	166386	4	11.375	839473	20.0
Pyrene, 1-methyl-	13.045	2.8	ng	214720	5	14.039	1537230	20.0
11H-Benzo[b]flu...	13.157	3.0	ng	228403	5	14.039	1537230	20.0
Fluoranthene, 2...	13.263	2.7	ng	208052	5	14.039	1537230	20.0
11H-Benzo[a]flu...	13.880	3.3	ng	254873	5	14.039	1537230	20.0
Phenol, 4,4'-me...	14.821	2.7	ng	74568	6	15.539	558119	20.0
Benzo[e]pyrene	15.210	5.8	ng	161756	6	15.539	558119	20.0
Perylene	15.410	18.7	ng	521453	6	15.539	558119	20.0
Benz[a]anthrace...	17.333	2.4	ng	66031	6	15.539	558119	20.0