LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
Data File : BG054891.D
Acq On : 8 Sep 2022 20:01
Operator : CG/JU
Sample : N4520-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600540642

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_G\Methods\8270-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054891.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.209	319	327	338	rBV	24814	43254	1.59%	0.093%
2	5.691	400	409	422	rBV	550452	912575	33.62%	1.963%
3	7.307	673	684	698	rBV	542140	973762	35.88%	2.094%
4	8.147	821	827	834	rBV	156147	259102	9.55%	0.557%
5	9.322	1019	1027	1036	rBV	334450	606895	22.36%	1.305%
6	10.973	1300	1308	1313	rBV	215342	401340	14.79%	0.863%
7	11.026	1313	1317	1324	rVB	70627	123718	4.56%	0.266%
8	12.618	1582	1588	1597	rVB	212513	363951	13.41%	0.783%
9	12.841	1615	1626	1635	rVB	265926	460057	16.95%	0.990%
10	13.405	1711	1722	1731	rBV	926163	1465486	54.00%	3.152%
11	13.817	1786	1792	1803	rVB	56682	145012	5.34%	0.312%
12	13.958	1805	1816	1823	rBV2	171744	448184	16.51%	0.964%
13	14.105	1833	1841	1846	rVV	320473	606868	22.36%	1.305%
14	14.157	1846	1850	1859	rVV	207176	341084	12.57%	0.734%
15	14.234	1859	1863	1869	rVB2	31148	48273	1.78%	0.104%
16	14.340	1875	1881	1885	rBV	163394	277744	10.23%	0.597%
17	14.369	1885	1886	1899	rVB	71352	86466	3.19%	0.186%
18	14.504	1904	1909	1922	rVB2	218133	377235	13.90%	0.811%
19	14.745	1944	1950	1952	rBV	91293	139628	5.14%	0.300%
20	14.780	1952	1956	1962	rVV	353599	571099	21.04%	1.228%
21	14.851	1962	1968	1974	rVV2	127874	238901	8.80%	0.514%
22	14.986	1984	1991	1998	rBV2	67322	169931	6.26%	0.365%
23	15.068	2000	2005	2011	rBV2	26542	54025	1.99%	0.116%
24	15.174	2011	2023	2030	rVB2	172482	335165	12.35%	0.721%
25	15.244	2030	2035	2042	rVB	155921	248312	9.15%	0.534%
26	15.391	2051	2060	2065	rBV2	150847	322795	11.89%	0.694%
27	15.444	2065	2069	2074	rVB	115546	161419	5.95%	0.347%
28	15.544	2080	2086	2087	rBV2	104465	139464	5.14%	0.300%
29	15.597	2092	2095	2100	rVB2	101080	134534	4.96%	0.289%
30	15.650	2100	2104	2108	rBV	60057	94976	3.50%	0.204%
31	15.697	2108	2112	2114	rVV	33020	50509	1.86%	0.109%
32	15.732	2114	2118	2122	rVV2	79606	123471	4.55%	0.266%
33	15.773	2122	2125	2128	rVV	57855	87043	3.21%	0.187%
34	15.826	2128	2134	2144	rVB2	368201	759688	27.99%	1.634%
35	15.920	2146	2150	2152	rVV3	40343	57801	2.13%	0.124%
36	15.949	2152	2155	2158	rVV3	54073	92527	3.41%	0.199%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
Data File : BG054891.D
Acq On : 8 Sep 2022 20:01
Operator : CG/JU
Sample : N4520-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 600540642

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_G\Methods\8270-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.985	2158	2161	2165	rVV4	51818	79260	2.92%	0.170%
38	16.032	2165	2169	2174	rVV2	55953	95103	3.50%	0.205%
39	16.108	2175	2182	2189	rVB4	64462	171047	6.30%	0.368%
40	16.273	2198	2210	2217	rBV2	697887	1303575	48.03%	2.804%
41	16.490	2239	2247	2257	rVB3	91698	198882	7.33%	0.428%
42	16.578	2257	2262	2266	rBV2	31002	45289	1.67%	0.097%
43	16.631	2266	2271	2275	rBV2	56106	94553	3.48%	0.203%
44	16.672	2275	2278	2287	rVB5	31551	63175	2.33%	0.136%
45	16.825	2296	2304	2309	rBV	226719	547816	20.18%	1.178%
46	16.878	2309	2313	2319	rVB	198092	282578	10.41%	0.608%
47	16.978	2325	2330	2335	rVB	147178	226132	8.33%	0.486%
48	17.060	2335	2344	2348	rBV4	56484	167982	6.19%	0.361%
49	17.183	2361	2365	2373	rVB3	73990	124355	4.58%	0.267%
50	17.254	2373	2377	2383	rVB5	38448	71266	2.63%	0.153%
51	17.348	2388	2393	2400	rVB	150757	257319	9.48%	0.553%
52	17.530	2418	2424	2427	rBV	398145	632973	23.32%	1.361%
53	17.577	2427	2432	2438	rVV	1603202	2467816	90.93%	5.308%
54	17.665	2442	2447	2451	rVV	264346	409428	15.09%	0.881%
55	17.718	2451	2456	2461	rVV3	151978	315328	11.62%	0.678%
56	17.765	2461	2464	2466	rVV2	88862	119854	4.42%	0.258%
57	17.794	2466	2469	2480	rVV3	83959	246968	9.10%	0.531%
58	17.941	2488	2494	2504	rBV4	88699	264234	9.74%	0.568%
59	18.041	2508	2511	2515	rVV	43138	65262	2.40%	0.140%
60	18.112	2519	2523	2528	rVB	133238	203601	7.50%	0.438%
61	18.259	2542	2548	2554	rVB	94309	196798	7.25%	0.423%
62	18.405	2568	2573	2577	rBV	711206	1100342	40.54%	2.367%
63	18.458	2577	2582	2587	rVB	878314	1291011	47.57%	2.777%
64	18.535	2590	2595	2600	rBV2	230731	389596	14.35%	0.838%
65	18.599	2600	2606	2610	rVV2	703824	1504699	55.44%	3.236%
66	18.640	2610	2613	2618	rVB	606286	831977	30.65%	1.789%
67	18.799	2637	2640	2644	rVB	62595	82474	3.04%	0.177%
68	18.858	2645	2650	2652	rBV4	35930	59310	2.19%	0.128%
69	18.899	2652	2657	2661	rVV	270012	373752	13.77%	0.804%
70	19.022	2674	2678	2683	rBV4	60997	116271	4.28%	0.250%
71	19.140	2690	2698	2703	rBV4	204758	410493	15.12%	0.883%
72	19.193	2703	2707	2711	rVV	237684	302590	11.15%	0.651%
73	19.234	2711	2714	2718	rVB2	157866	197554	7.28%	0.425%
74	19.316	2722	2728	2732	rBV	627554	1059182	39.03%	2.278%
75	19.375	2732	2738	2741	rBV2	253657	547740	20.18%	1.178%
76	19.404	2741	2743	2747	rVB	247317	282246	10.40%	0.607%

LSC Area Percent Report

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Sample : N4520-03
Misc :
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Instrument :
BNA_G
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600540642

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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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.451	2747	2751	2755	rBV	176535	368906	13.59%	0.793%
78	19.581	2767	2773	2778	rBV	1105029	1748203	64.41%	3.760%
79	19.633	2778	2782	2785	rVV	134086	177710	6.55%	0.382%
80	19.675	2785	2789	2793	rVB	193758	263616	9.71%	0.567%
81	19.733	2795	2799	2802	rBV	133643	197466	7.28%	0.425%
82	19.821	2810	2814	2816	rBV3	75341	123101	4.54%	0.265%
83	19.945	2825	2835	2842	rBV	1684806	2714016	100.00%	5.837%
84	20.009	2842	2846	2851	rVB	218918	332583	12.25%	0.715%
85	20.098	2851	2861	2862	rBV3	126348	324344	11.95%	0.698%
86	20.133	2862	2867	2871	rVV	1459525	2026883	74.68%	4.360%
87	20.168	2871	2873	2880	rVB2	135888	196982	7.26%	0.424%
88	20.274	2883	2891	2897	rBV4	251676	658941	24.28%	1.417%
89	20.432	2908	2918	2925	rVB2	533658	1230230	45.33%	2.646%
90	20.497	2926	2929	2931	rBV2	78781	102808	3.79%	0.221%
91	20.532	2931	2935	2939	rVV2	375674	505448	18.62%	1.087%
92	20.591	2941	2945	2949	rVB	437576	565529	20.84%	1.216%
93	20.732	2965	2969	2973	rBV	424453	615745	22.69%	1.324%
94	20.779	2973	2977	2988	rVB	469318	801278	29.52%	1.723%
95	21.032	3017	3020	3022	rBV	91677	121052	4.46%	0.260%
96	21.431	3086	3088	3094	rVB2	253219	376233	13.86%	0.809%
97	21.819	3147	3154	3160	rBV2	644527	1813447	66.82%	3.900%
98	21.878	3160	3164	3175	rVB	607025	1207362	44.49%	2.597%
99	22.589	3282	3285	3292	rVB	221183	364607	13.43%	0.784%
100	25.062	3701	3706	3720	rVB	263067	734392	27.06%	1.580%

Sum of corrected areas: 46493007

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
Data File : BG054891.D
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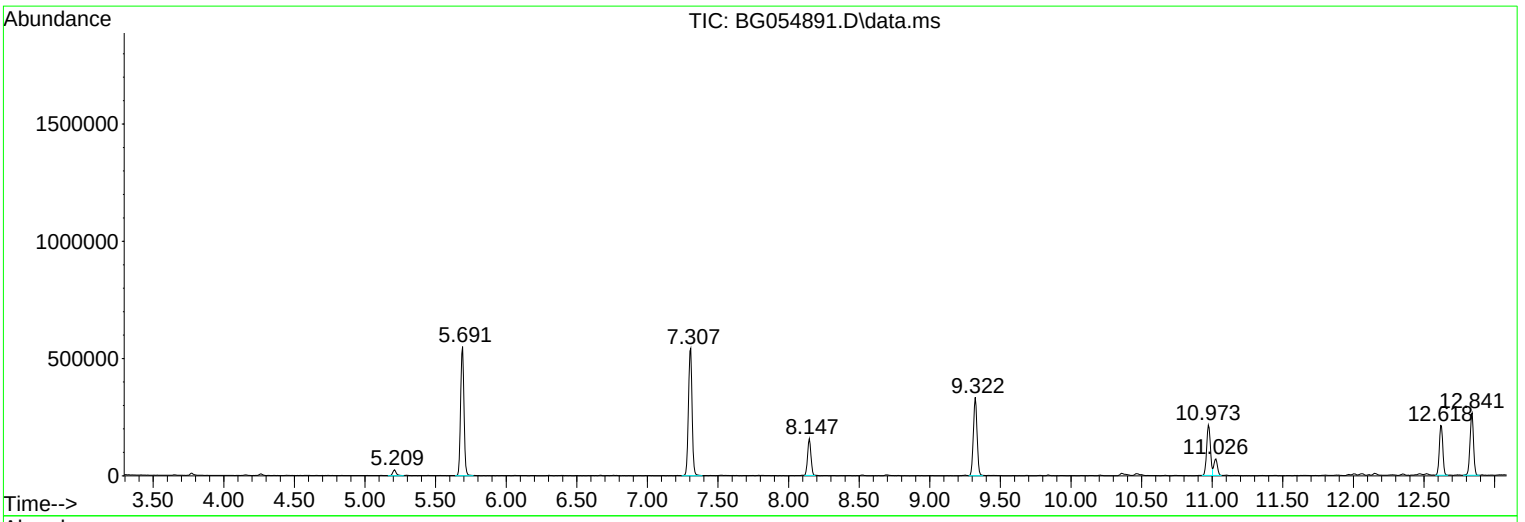
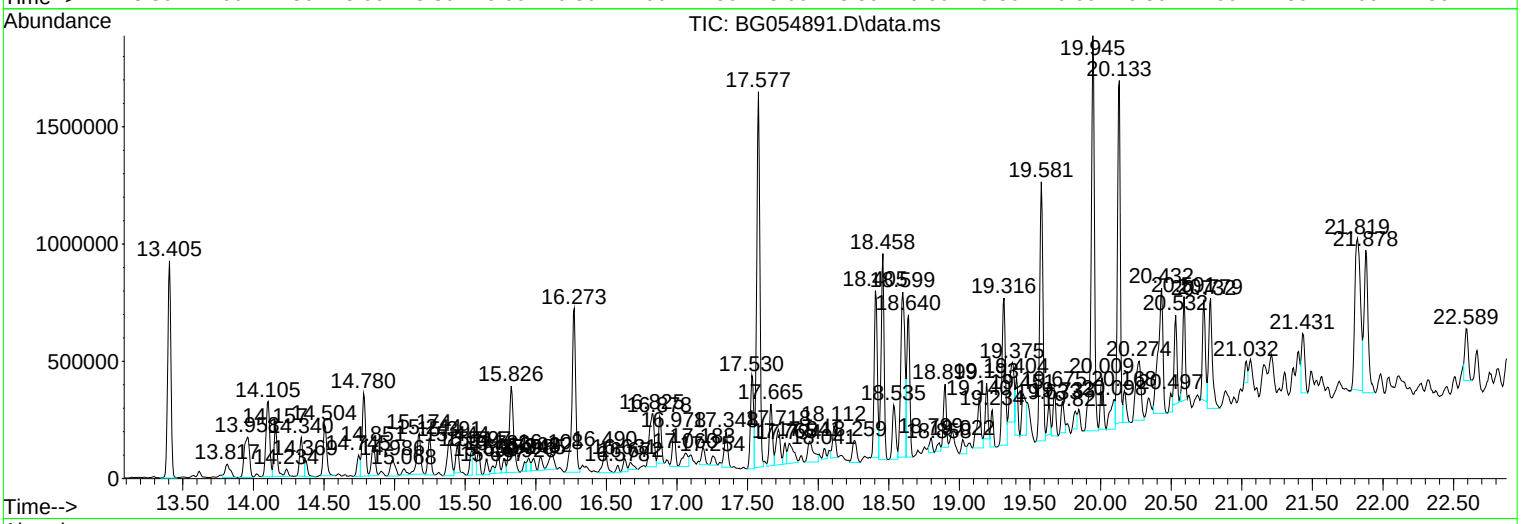
Misc :
ALS Vial : 13 Sample Multiplier: 1

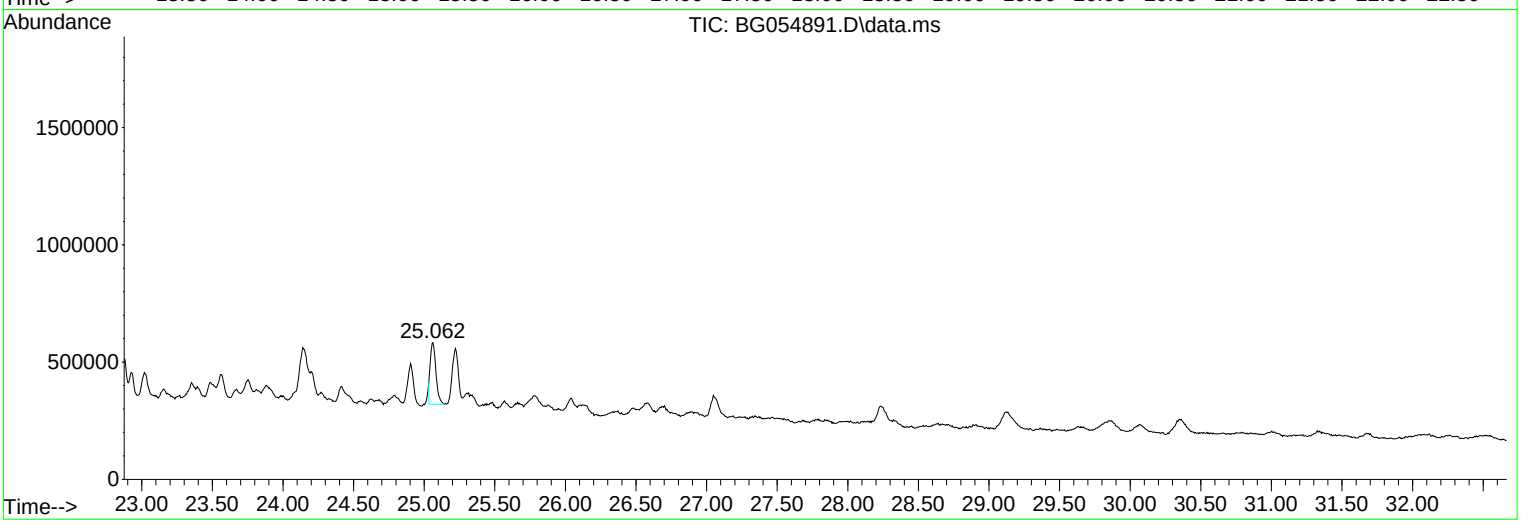
Instrument :
BNA_G
ClientSampleId :
600540642

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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_G\Data\BG090822\
Data File : BG054891.D
Acq On : 8 Sep 2022 20:01
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Sample : N4520-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

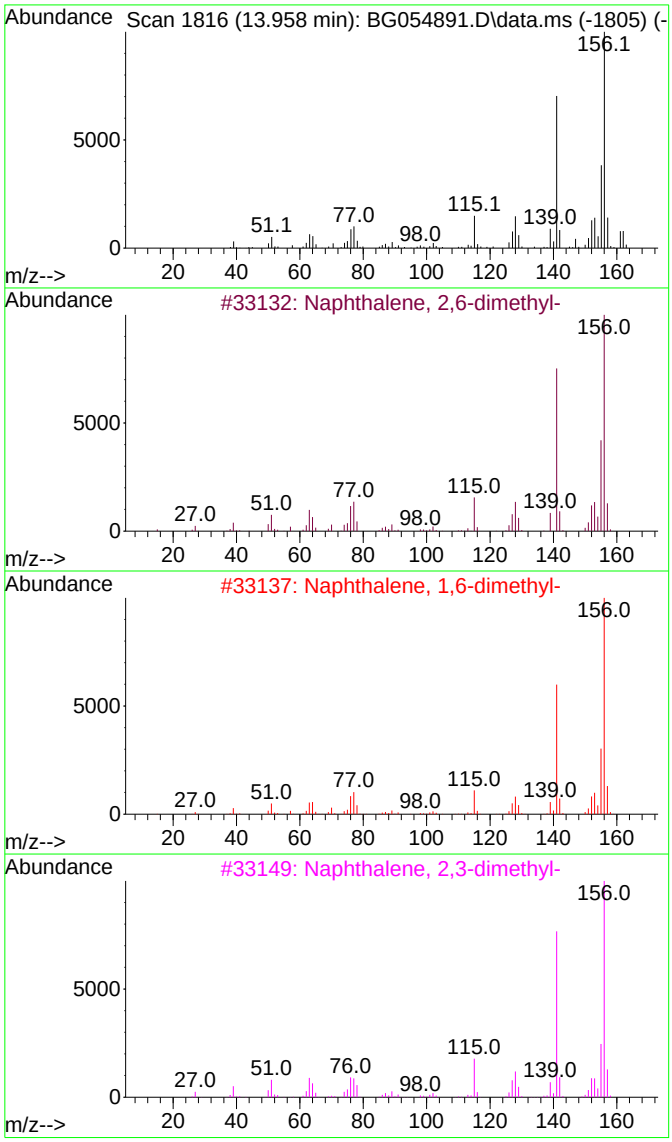
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

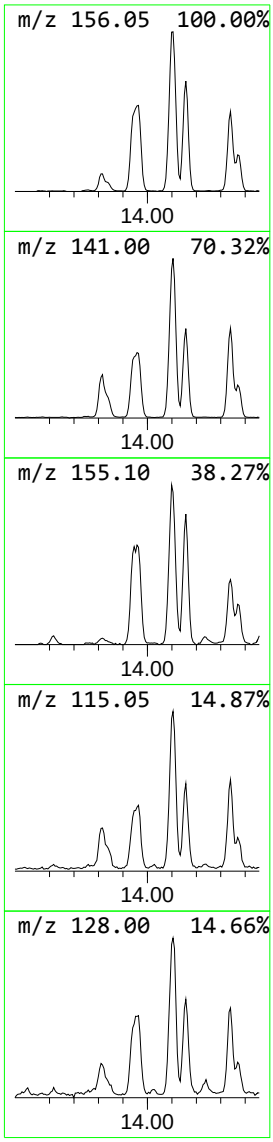
****

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.958	15.70 ng	448184	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
Data File : BG054891.D
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Sample : N4520-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600540642

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

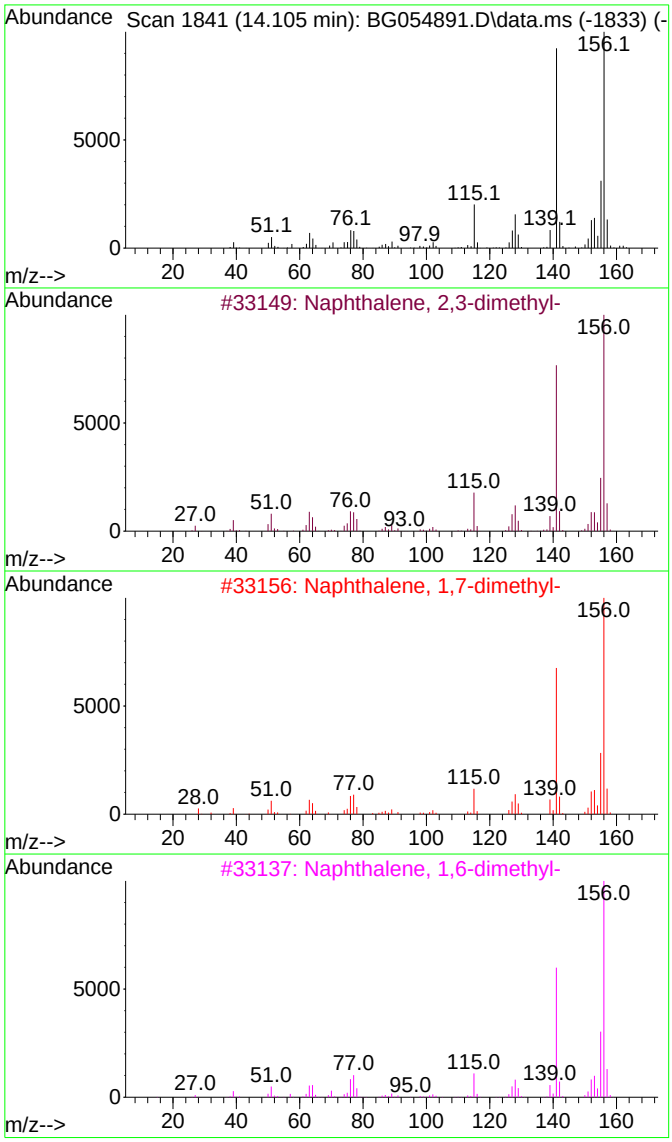
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

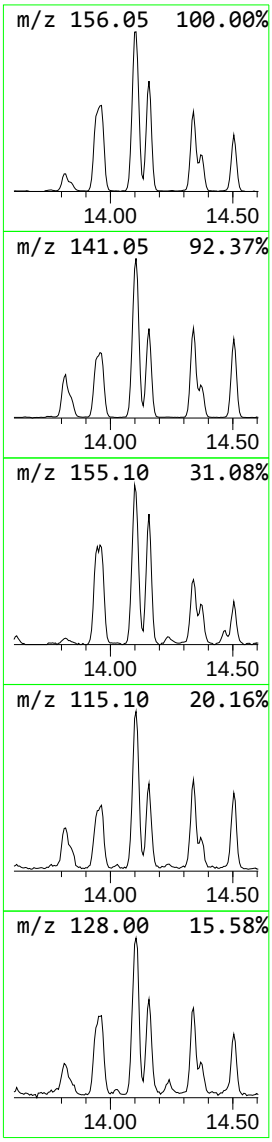
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.105	21.25 ng	606868	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
Data File : BG054891.D
Acq On : 8 Sep 2022 20:01
Operator : CG/JU
Sample : N4520-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600540642

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

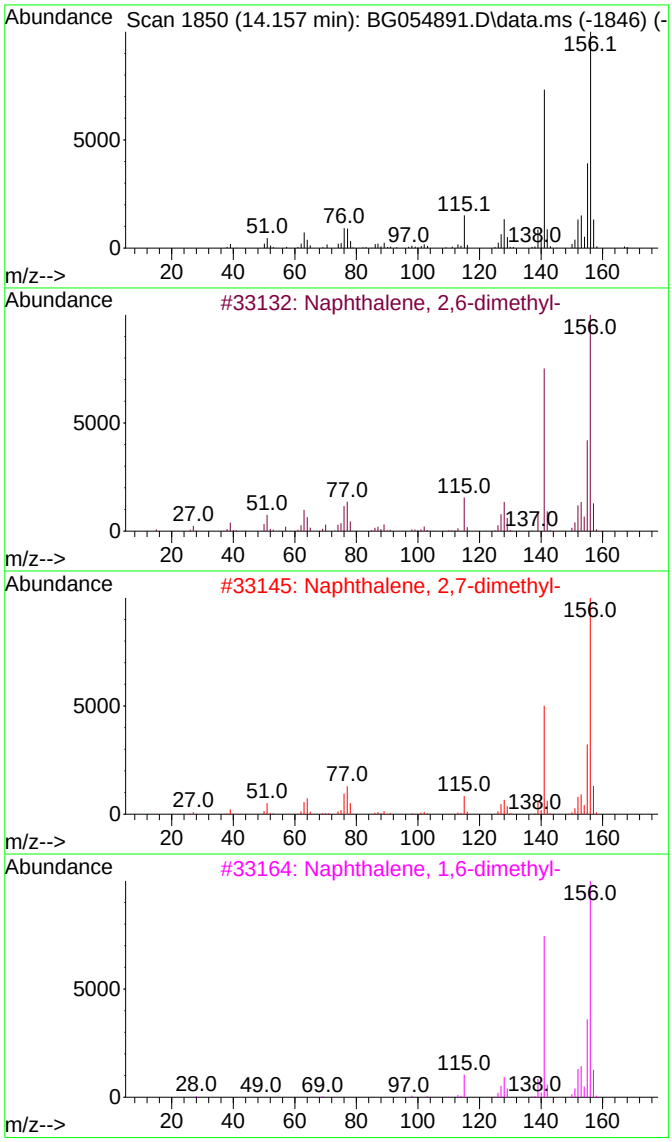
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

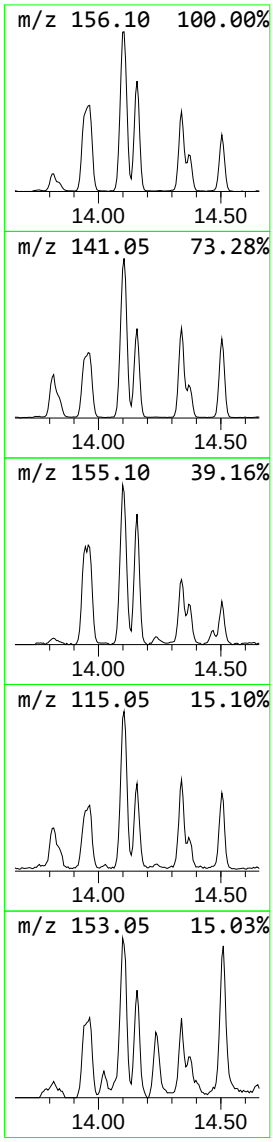
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.157	11.94 ng	341084	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
Data File : BG054891.D
Acq On : 8 Sep 2022 20:01
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

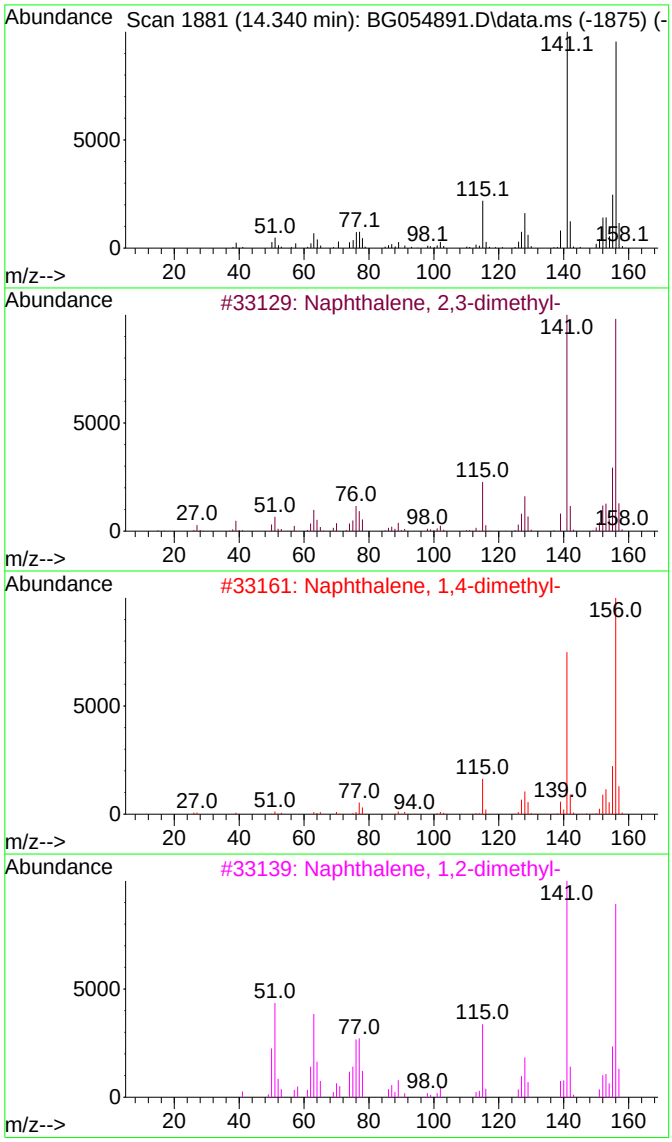
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

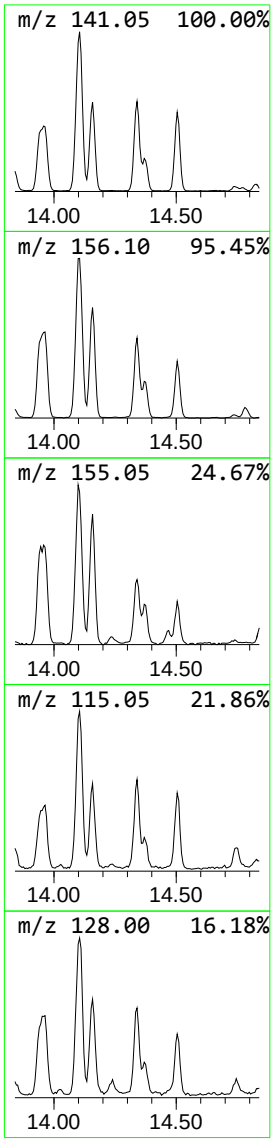
****

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.340	9.73 ng	277744	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
Data File : BG054891.D
Acq On : 8 Sep 2022 20:01
Operator : CG/JU
Sample : N4520-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600540642

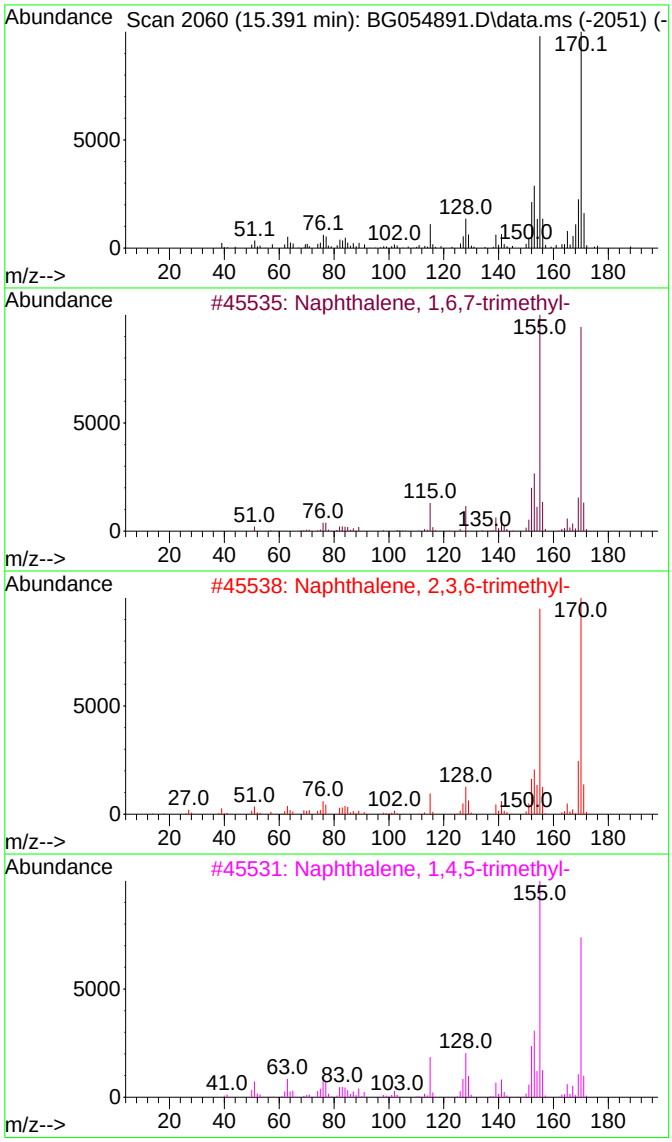
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

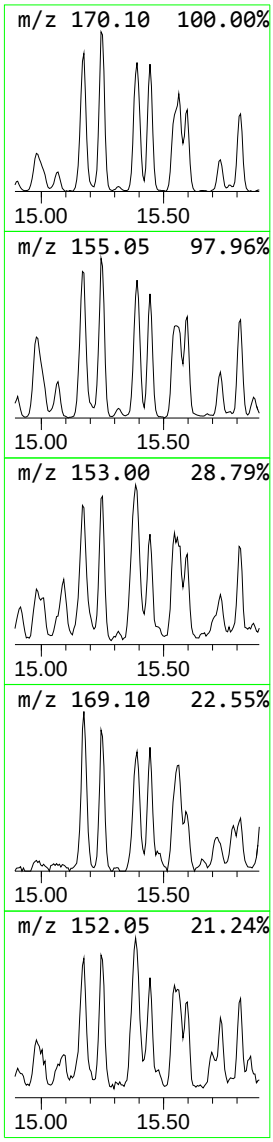
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	11.30 ng	322795	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Operator : CG/JU
Sample : N4520-03
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

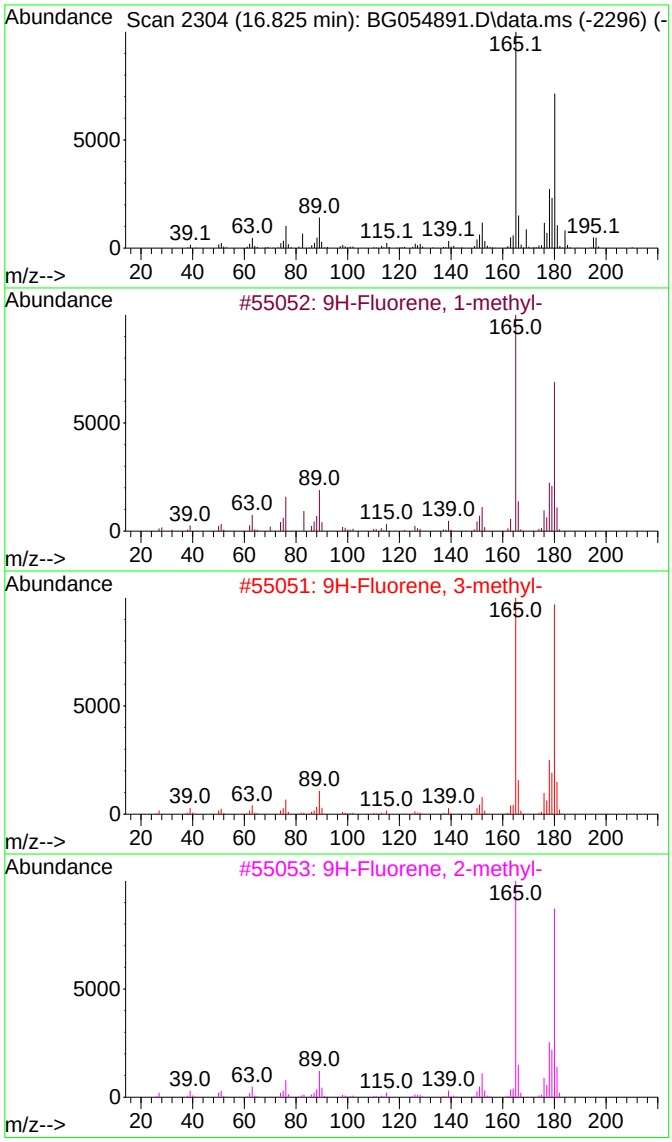
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

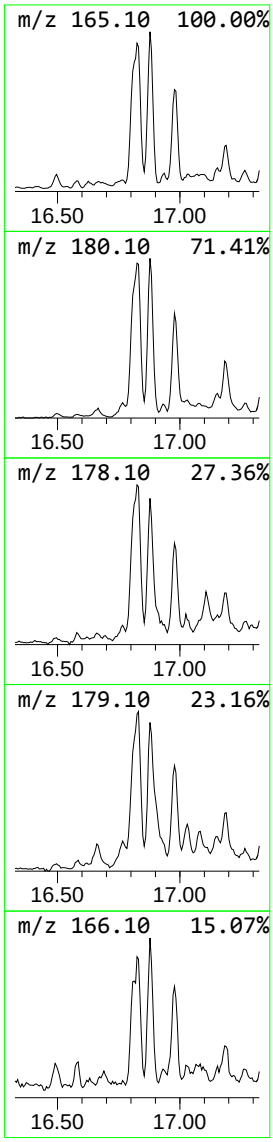
****

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.825	17.31 ng	547816	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70





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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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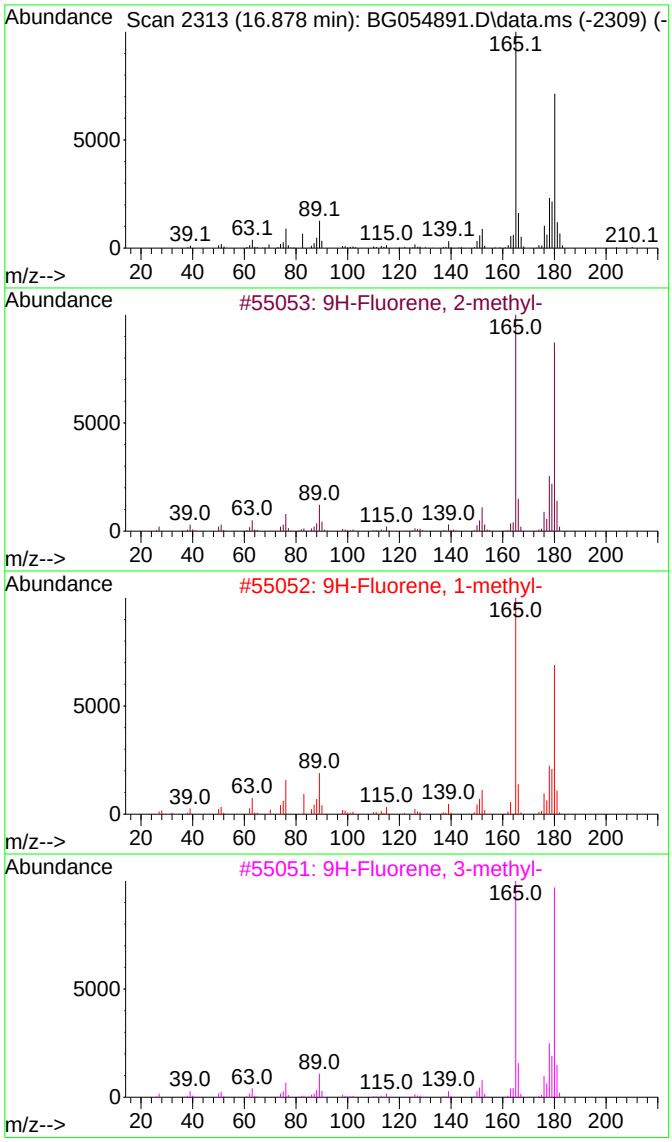
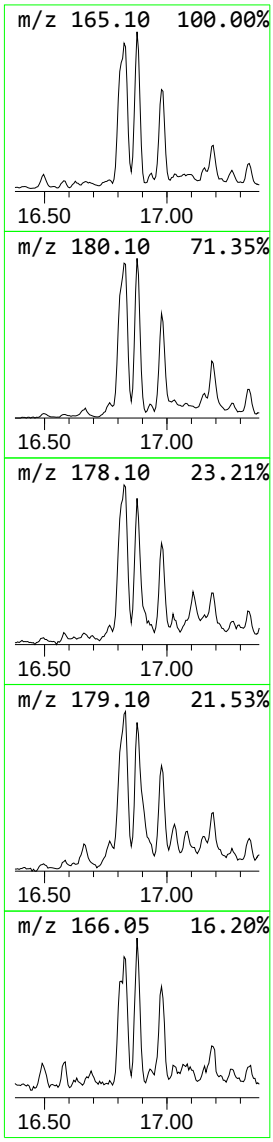
Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.878	8.93 ng	282578	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5	Stilbene	180	C14H12	000588-59-0	58





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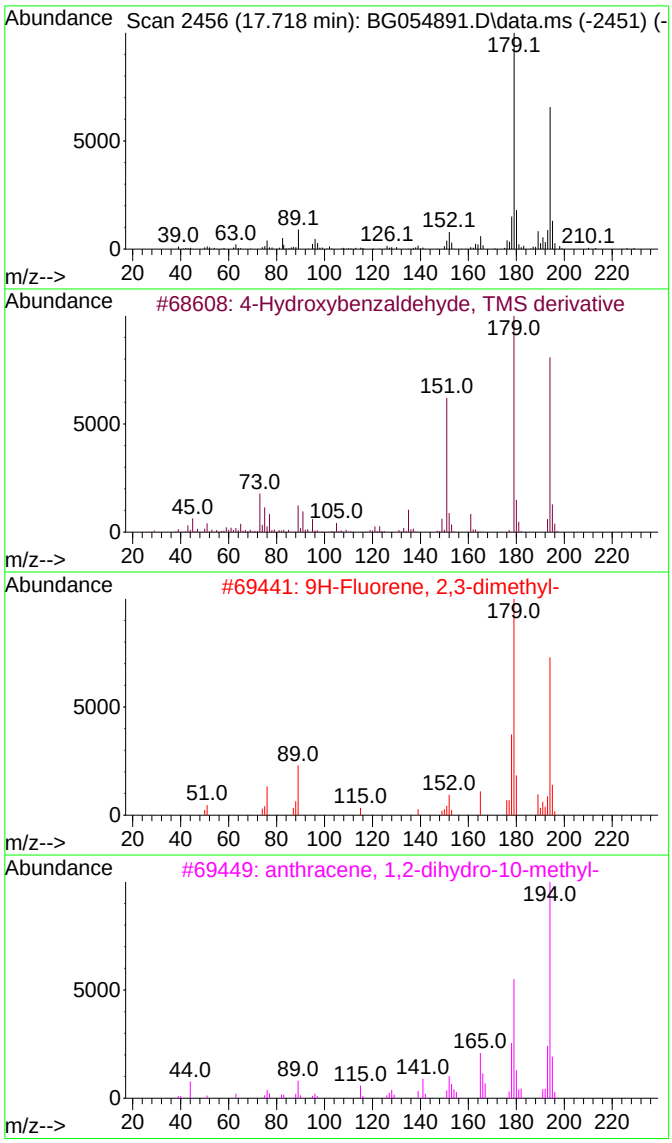
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

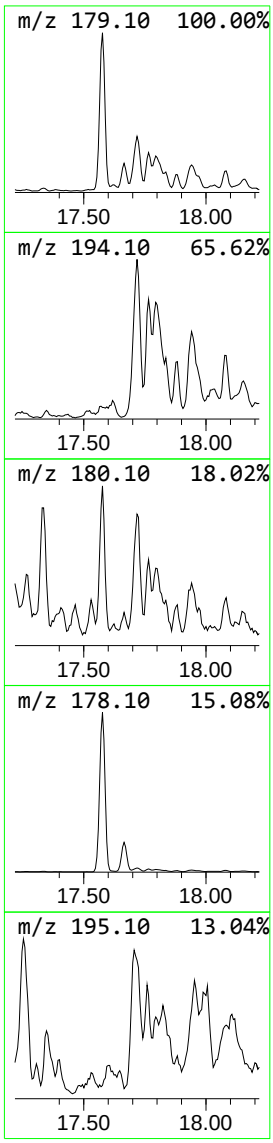
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4-Hydroxybenzaldehyde, TMS ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.718	9.96 ng	315328	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxybenzaldehyde, TMS deriv...	194	C10H14O2Si	001012-12-0	87
2	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	83
3	anthracene, 1,2-dihydro-10-methyl-	194	C15H14	1000395-99-6	80
4	3,5-Dimethylphenol, TMS derivative	194	C11H18OSi	017994-05-7	72
5	Benzene, 1,4-dimethoxy-2-methyl-...	194	C12H18O2	014753-08-3	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

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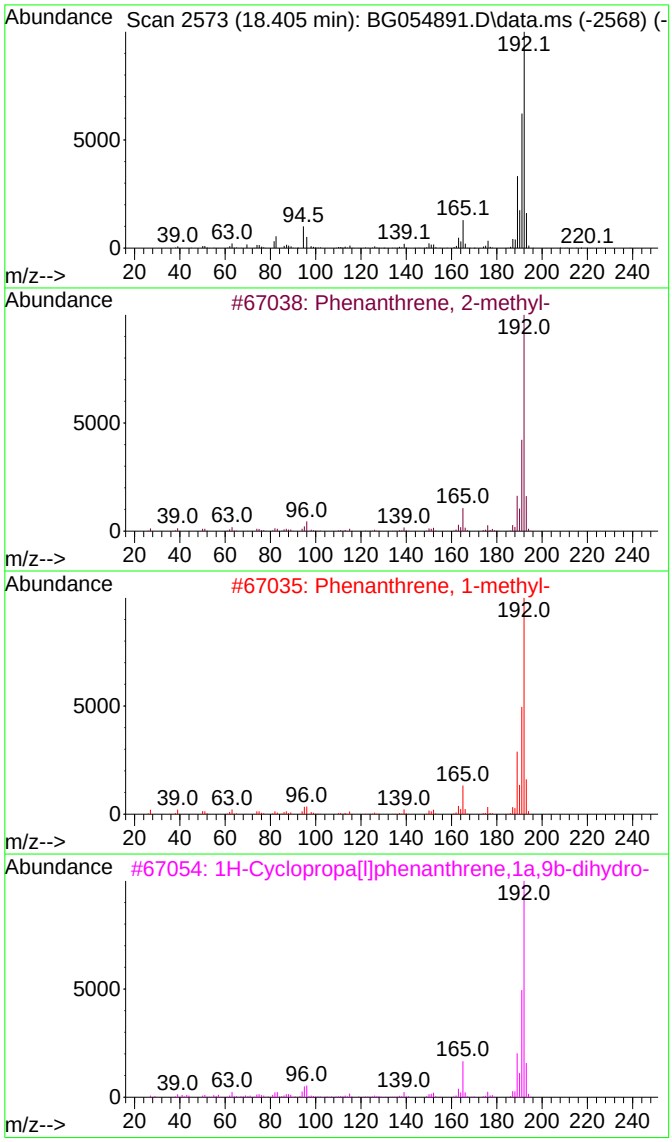
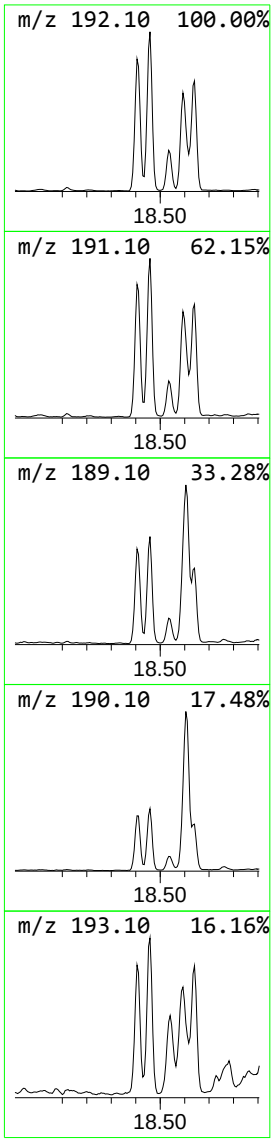
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.405	34.77 ng	1100340	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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

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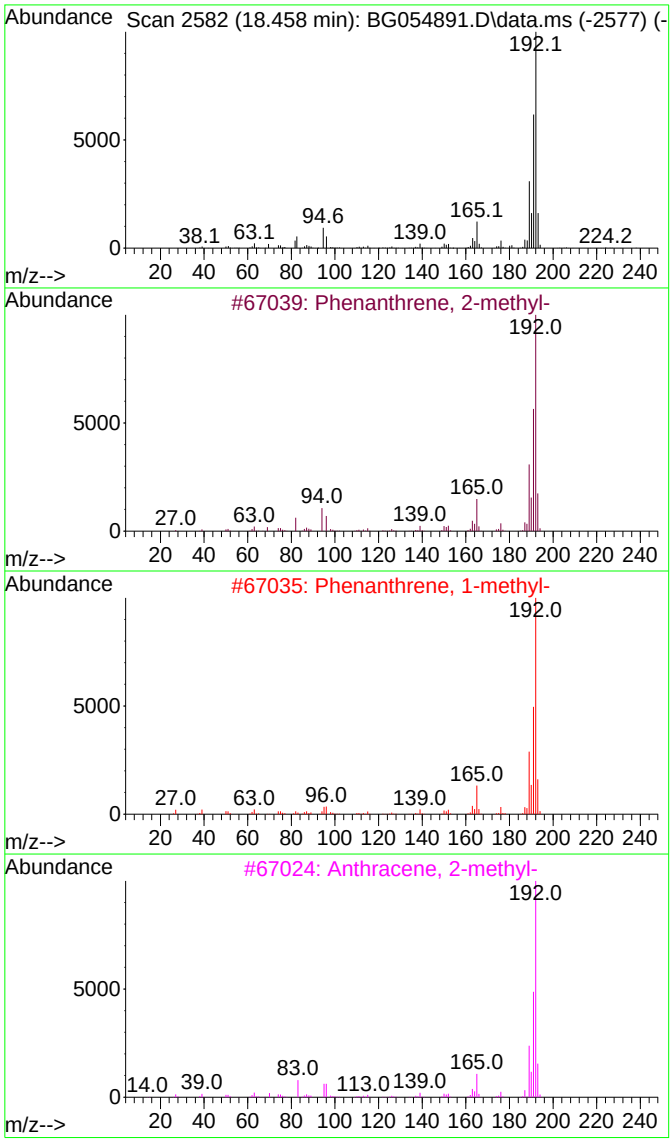
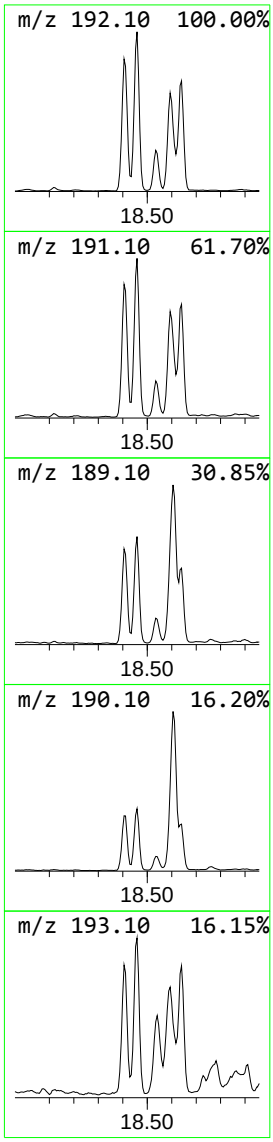
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.458	40.79 ng	1291010	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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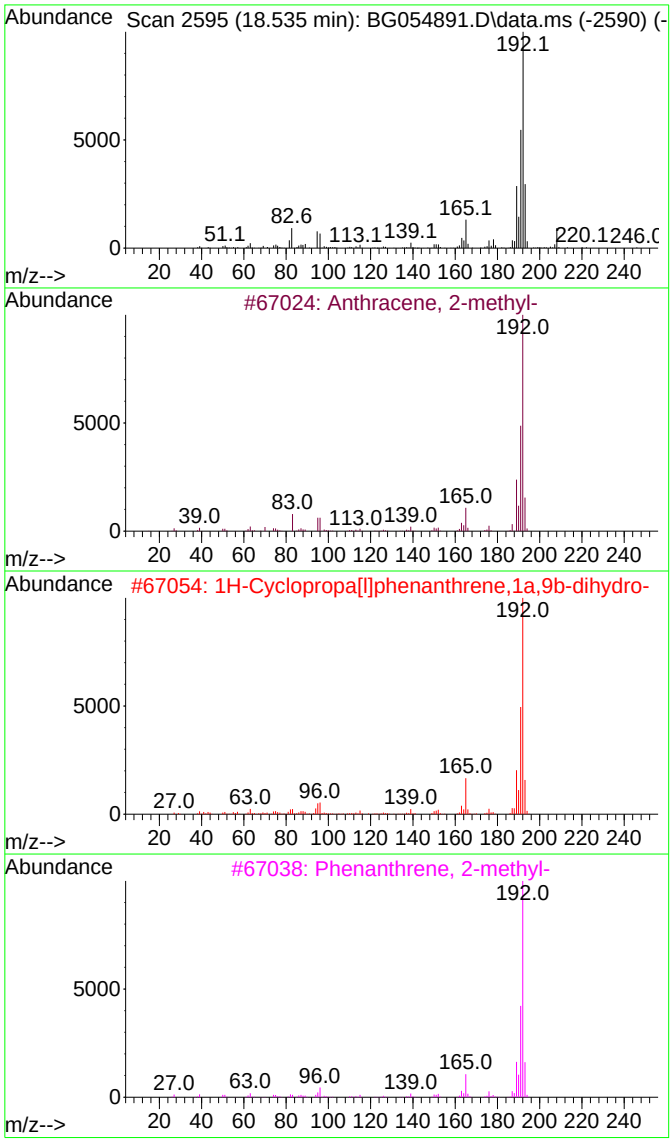
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

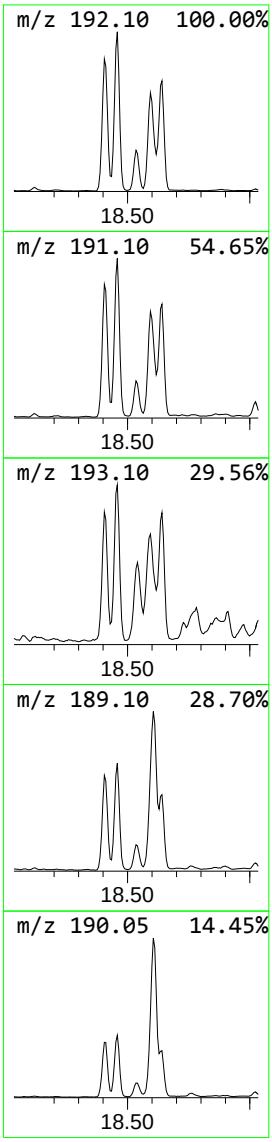
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.535	12.31 ng	389596	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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

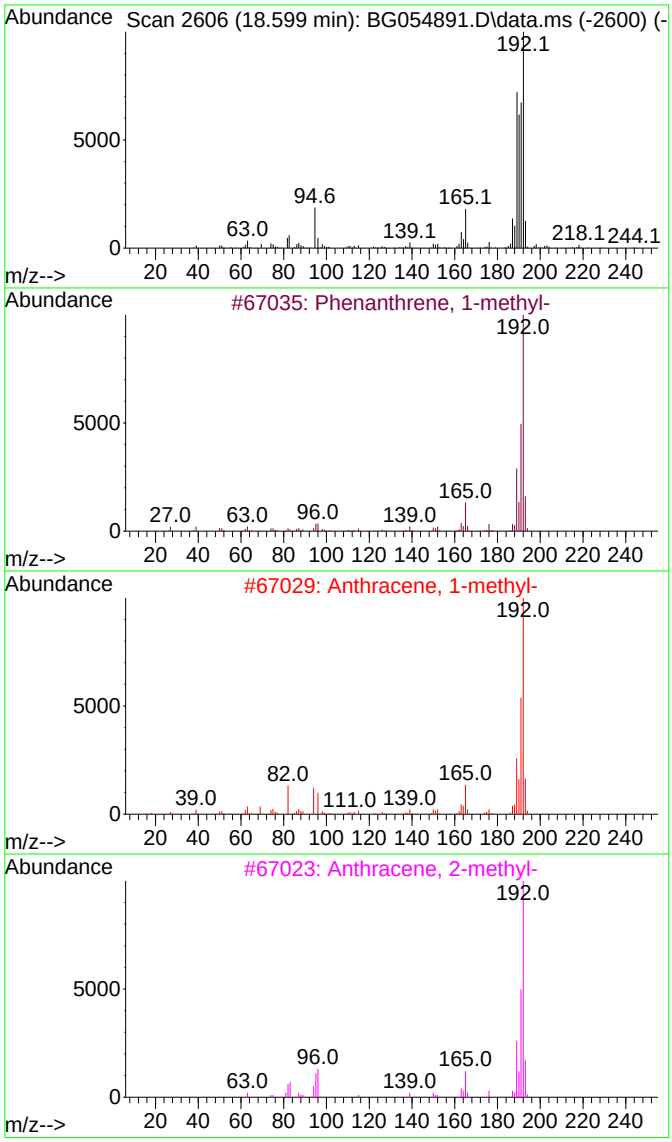
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

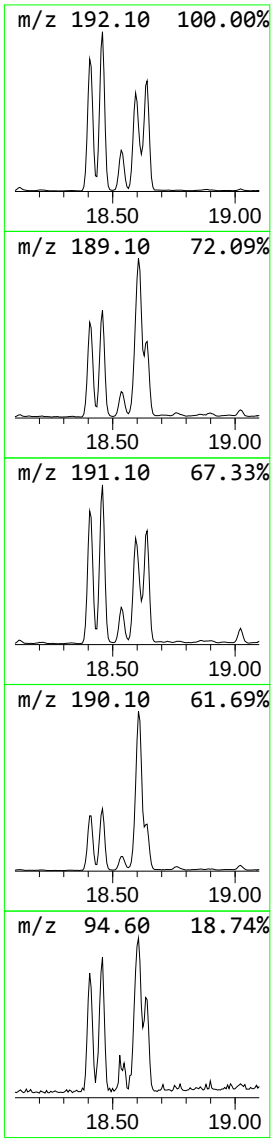
****

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.599	47.54 ng	1504700	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	49
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	49
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	49





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ALS Vial : 13 Sample Multiplier: 1

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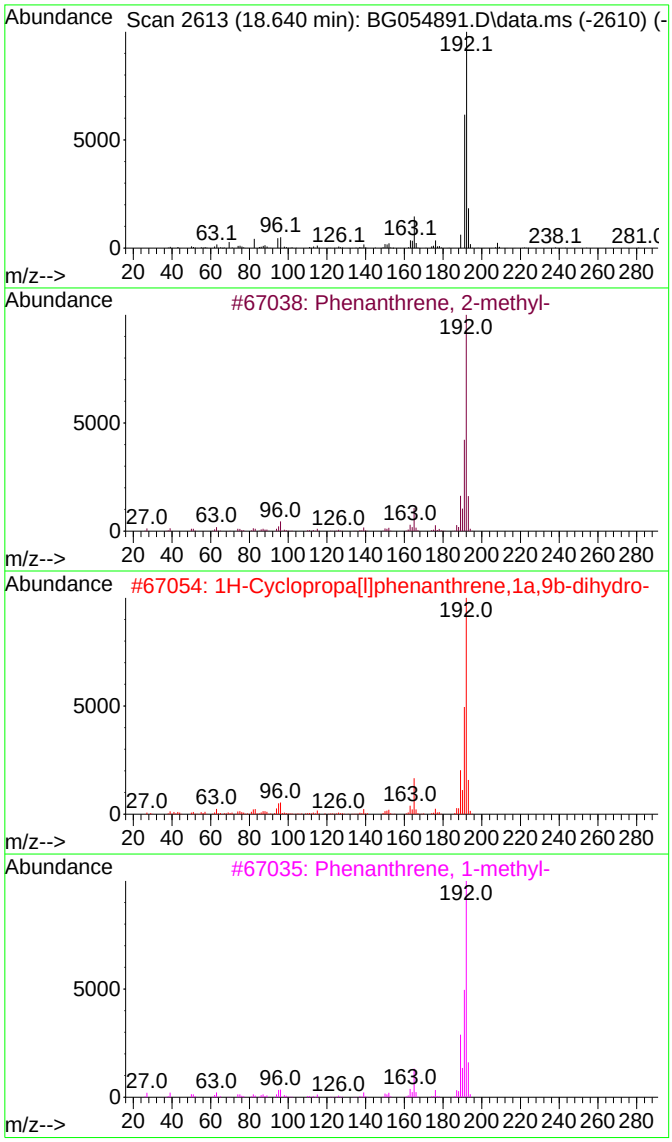
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

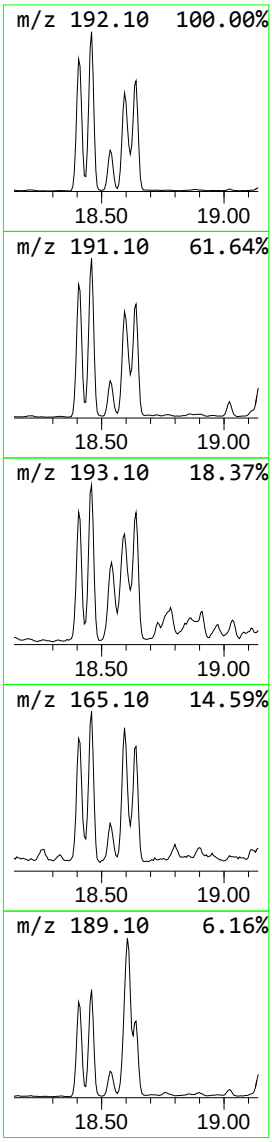
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.640	26.29 ng	831977	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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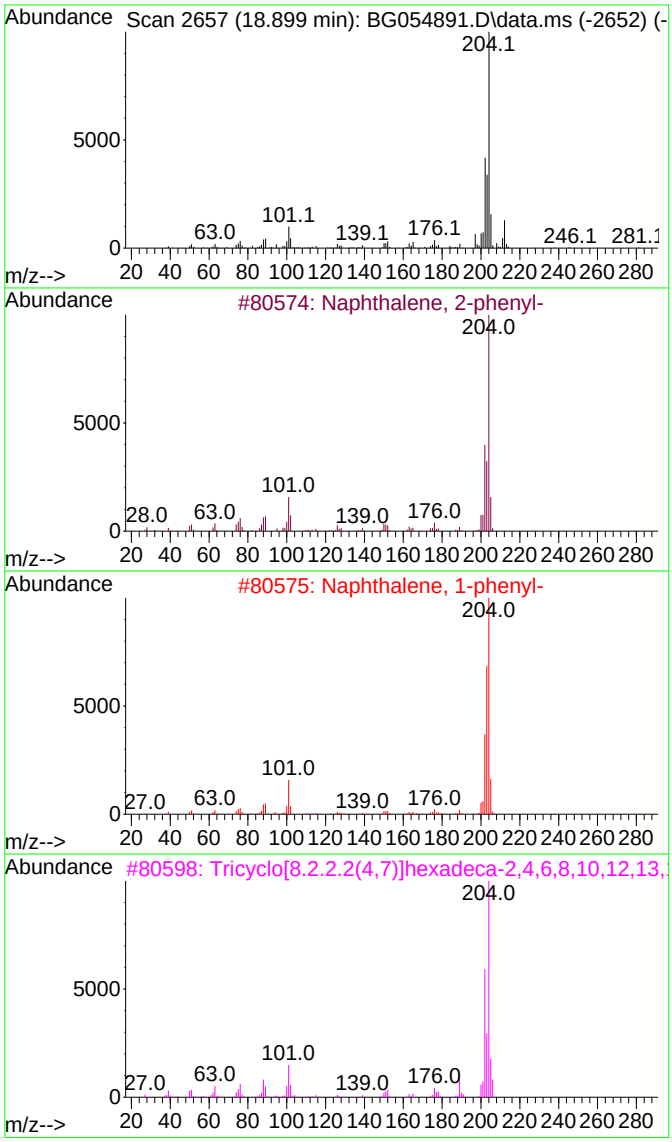
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

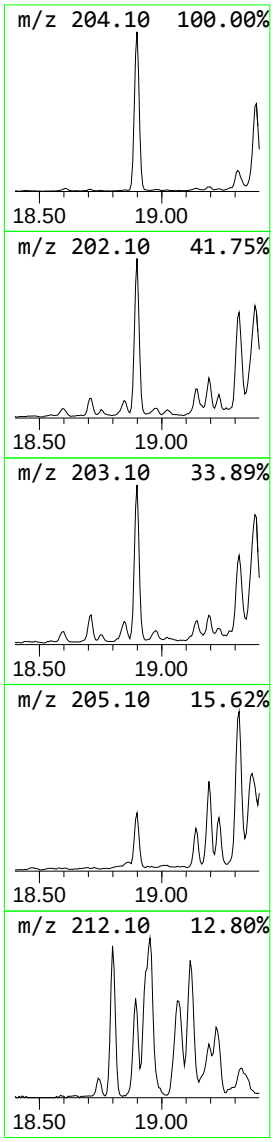
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.899	11.81 ng	373752	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	49





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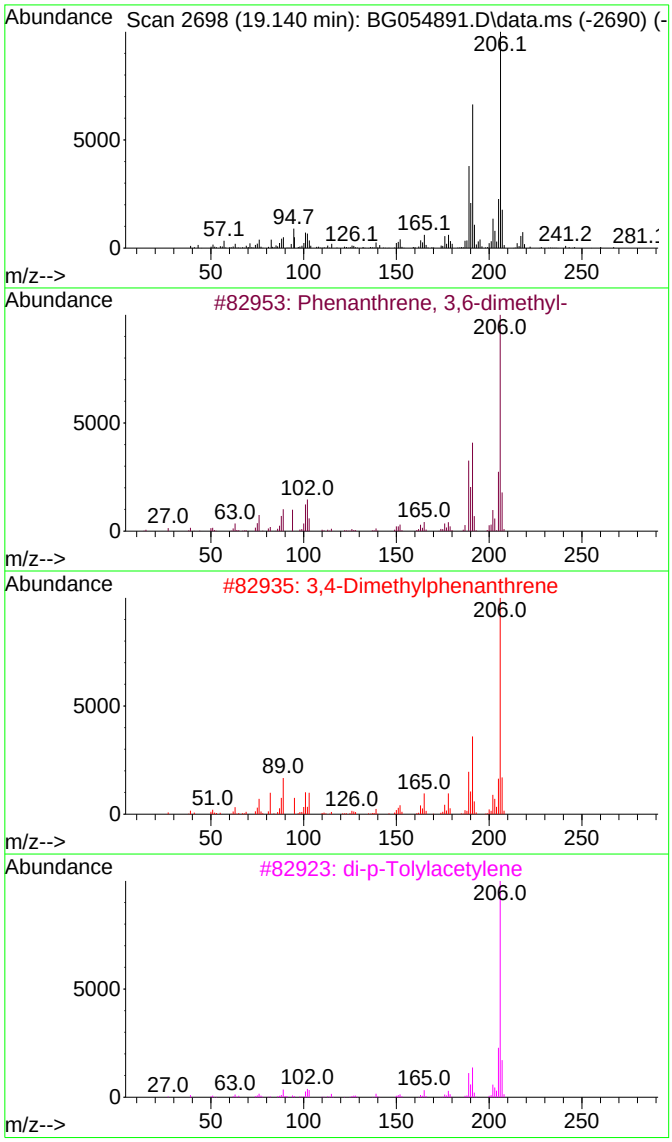
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

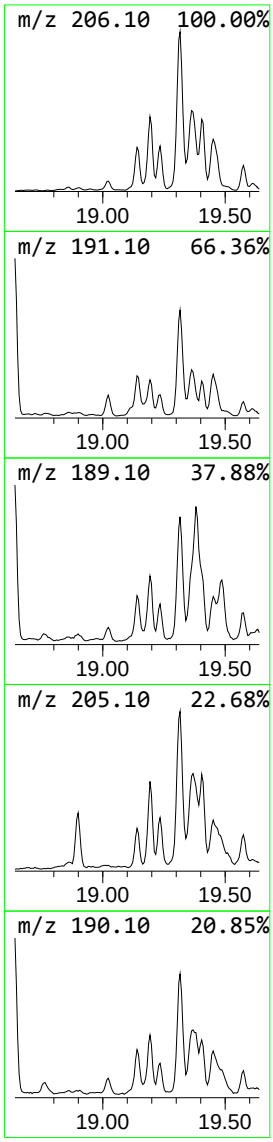
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.140	12.97 ng	410493	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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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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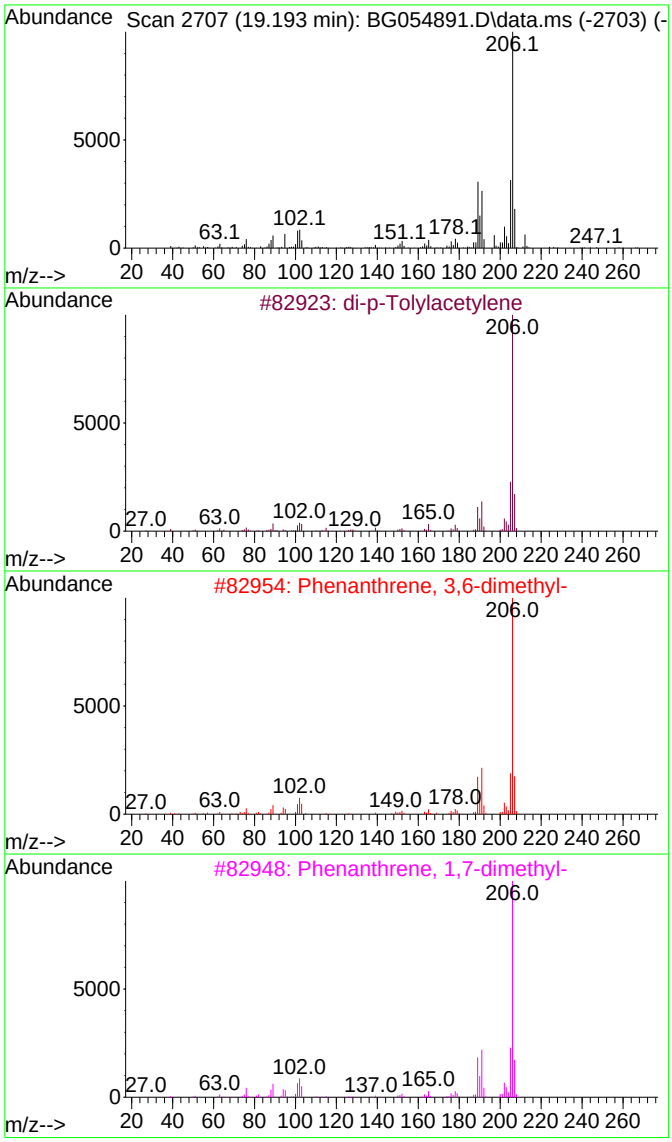
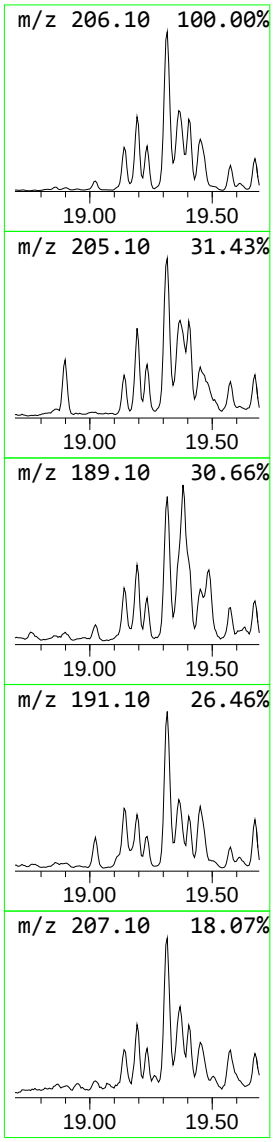
Peak Number 16 di-p-Tolylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.193	9.56 ng	302590	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	80
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	76





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Data File : BG054891.D
Acq On : 8 Sep 2022 20:01
Operator : CG/JU
Sample : N4520-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600540642

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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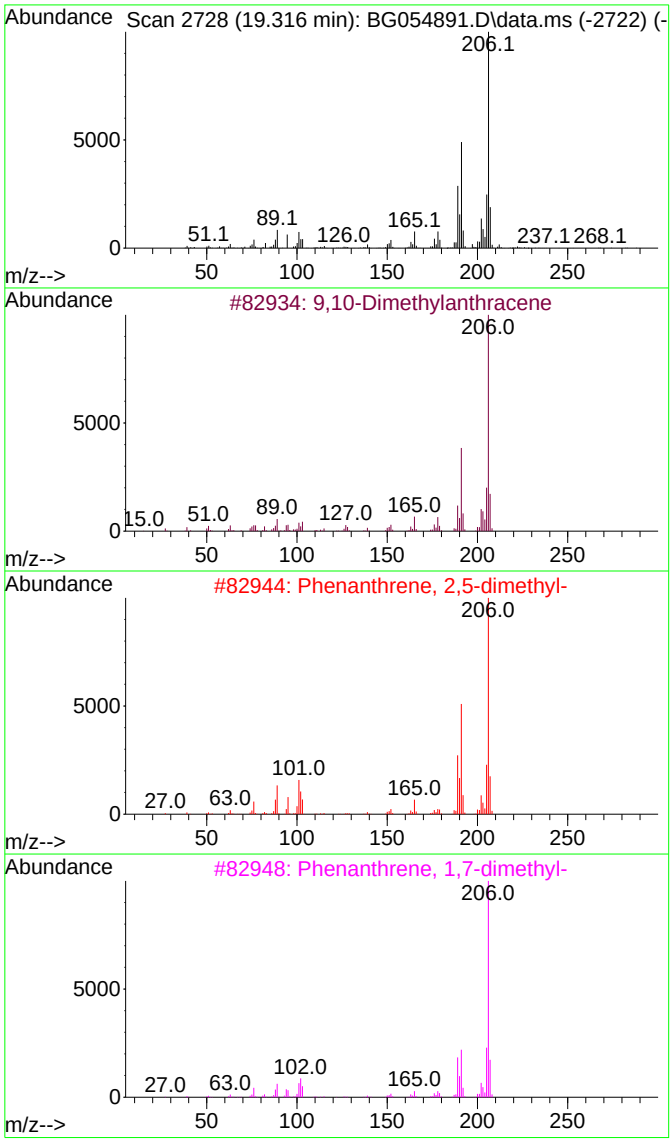
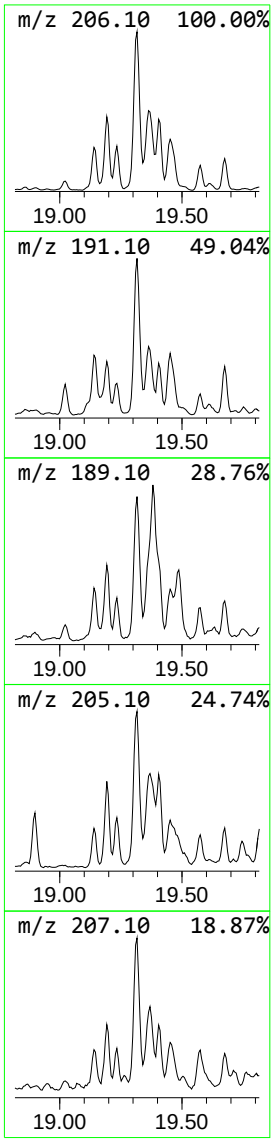
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.316	33.47 ng	1059180	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89





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Acq On : 8 Sep 2022 20:01
Operator : CG/JU
Sample : N4520-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600540642

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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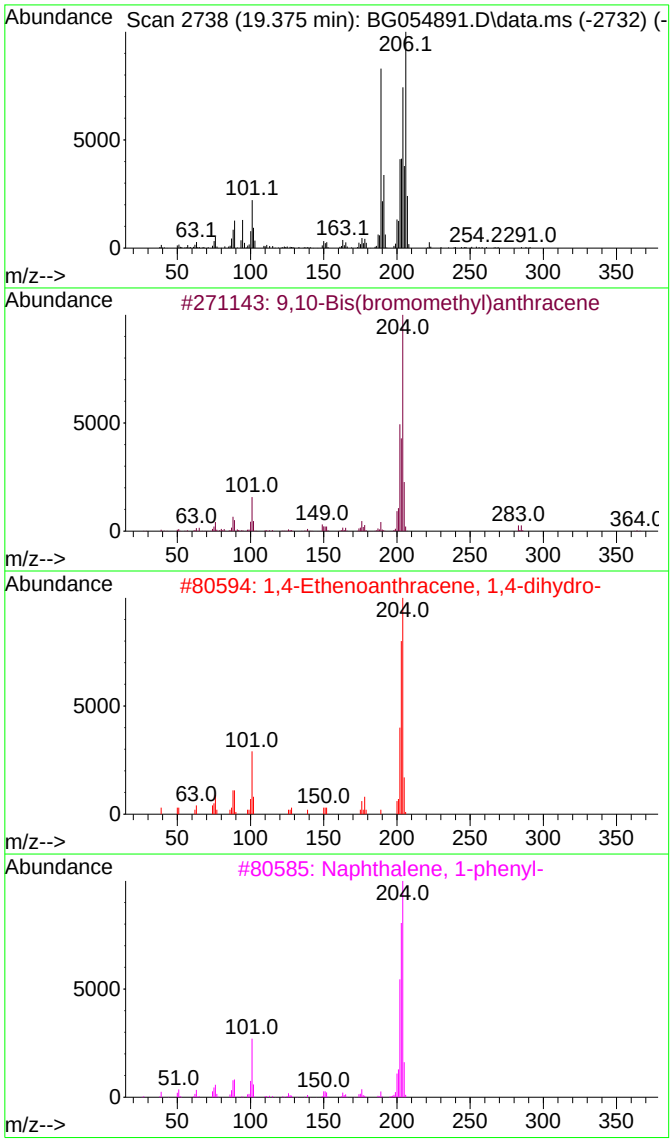
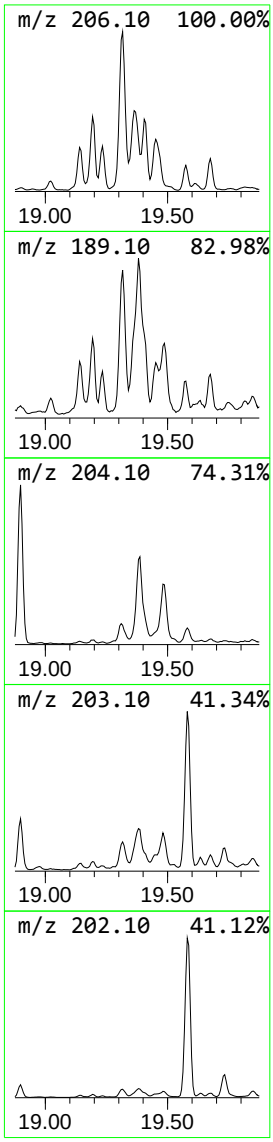
Peak Number 18 unknown19.375 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.375	17.31 ng	547740	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
2	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	38
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	38





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Acq On : 8 Sep 2022 20:01
Operator : CG/JU
Sample : N4520-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600540642

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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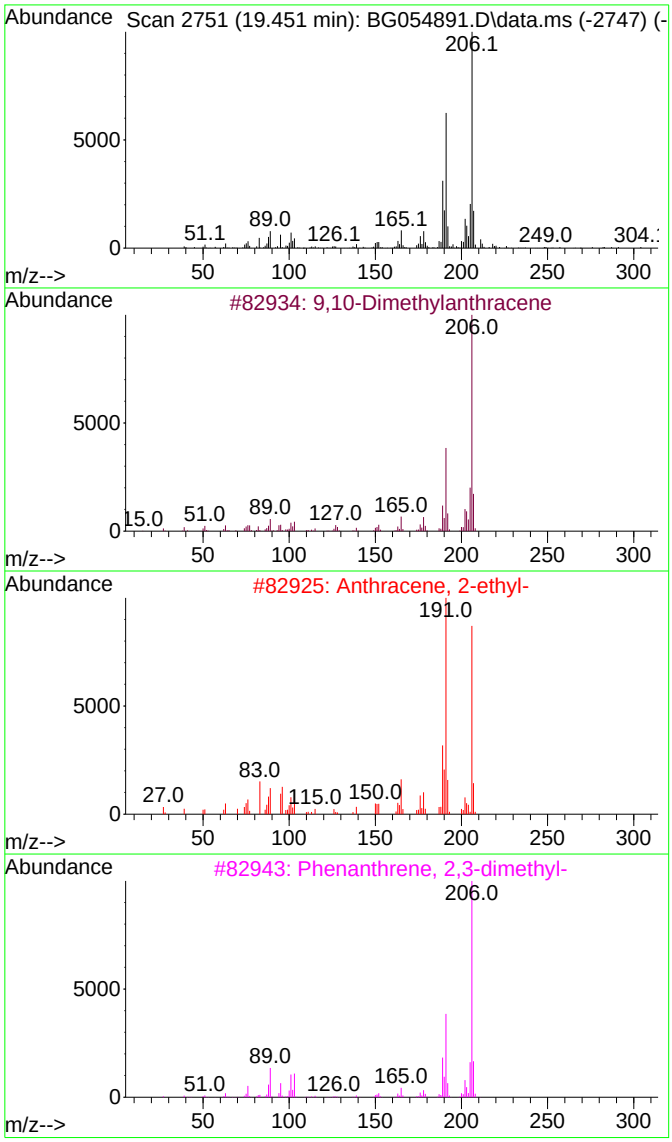
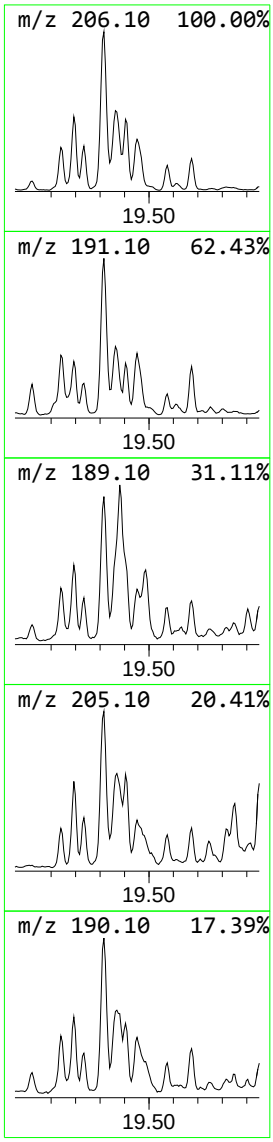
Peak Number 19 Anthracene, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.451	11.66 ng	368906	Phenanthrene-d10	17.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	94
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
Data File : BG054891.D
Acq On : 8 Sep 2022 20:01
Operator : CG/JU
Sample : N4520-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600540642

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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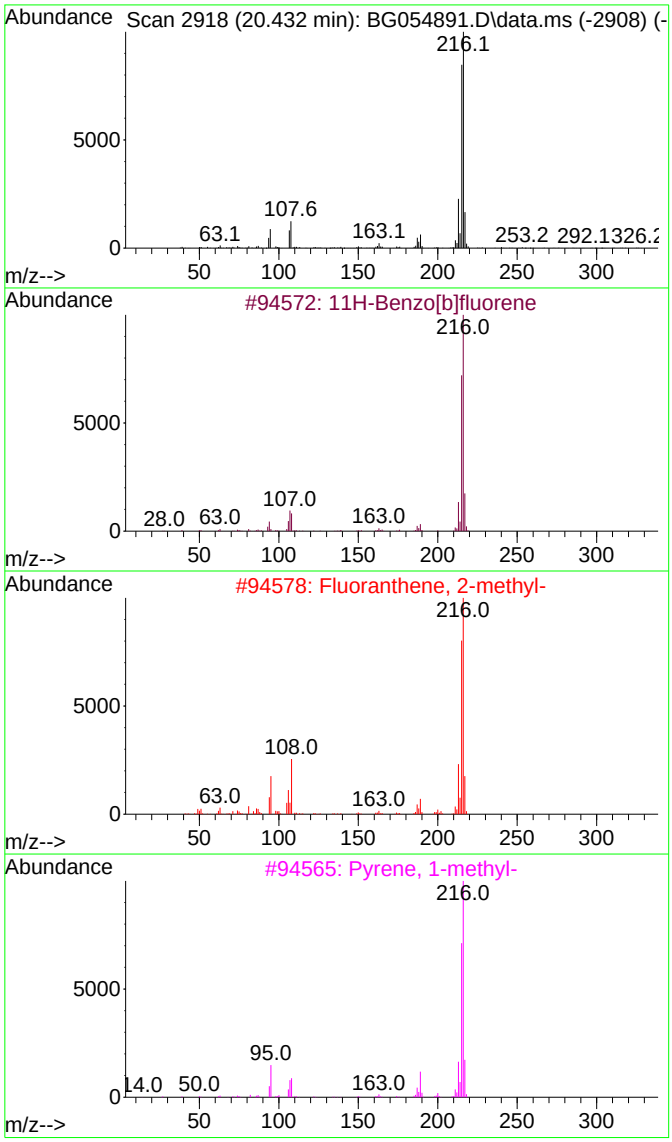
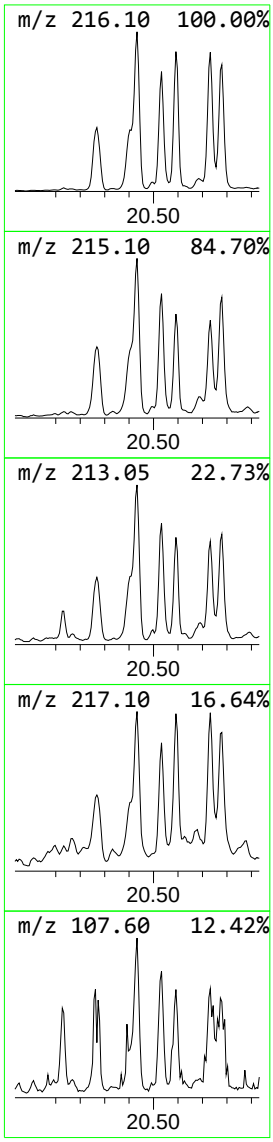
Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.432	13.57 ng	1230230	Chrysene-d12	21.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
Data File : BG054891.D
Acq On : 8 Sep 2022 20:01
Operator : CG/JU
Sample : N4520-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600540642

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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
Naphthalene, 2,...	13.958	15.7	ng	448184	3	14.780	571099	20.0
Naphthalene, 2,...	14.105	21.3	ng	606868	3	14.780	571099	20.0
Naphthalene, 2,...	14.157	11.9	ng	341084	3	14.780	571099	20.0
Naphthalene, 1,...	14.340	9.7	ng	277744	3	14.780	571099	20.0
Naphthalene, 1,...	15.391	11.3	ng	322795	3	14.780	571099	20.0
9H-Fluorene, 1-...	16.825	17.3	ng	547816	4	17.530	632973	20.0
9H-Fluorene, 2-...	16.878	8.9	ng	282578	4	17.530	632973	20.0
4-Hydroxybenzal...	17.718	10.0	ng	315328	4	17.530	632973	20.0
Phenanthrene, 2...	18.405	34.8	ng	1100340	4	17.530	632973	20.0
Phenanthrene, 1...	18.458	40.8	ng	1291010	4	17.530	632973	20.0
Anthracene, 2-m...	18.535	12.3	ng	389596	4	17.530	632973	20.0
Anthracene, 1-m...	18.599	47.5	ng	1504700	4	17.530	632973	20.0
1H-Cyclopropa[l...	18.640	26.3	ng	831977	4	17.530	632973	20.0
Naphthalene, 2-...	18.899	11.8	ng	373752	4	17.530	632973	20.0
Phenanthrene, 3...	19.140	13.0	ng	410493	4	17.530	632973	20.0
di-p-Tolylacety...	19.193	9.6	ng	302590	4	17.530	632973	20.0
9,10-Dimethylan...	19.316	33.5	ng	1059180	4	17.530	632973	20.0
unknown19.375	19.375	17.3	ng	547740	4	17.530	632973	20.0
Anthracene, 2-e...	19.451	11.7	ng	368906	4	17.530	632973	20.0
11H-Benzo[b]flu...	20.432	13.6	ng	1230230	5	21.831	1813450	20.0