LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048881.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.600	378	385	396	rBV	294703	479675	50.64%	3.848%
2	7.210	651	659	671	rBV	309613	530758	56.03%	4.258%
3	8.038	794	800	807	rBV2	90420	154754	16.34%	1.242%
4	9.207	993	999	1009	rVB2	200993	352712	37.23%	2.830%
5	10.858	1273	1280	1287	rBV	122041	209847	22.15%	1.684%
6	13.303	1687	1696	1705	rBV	452112	660577	69.73%	5.300%
7	13.996	1808	1814	1820	rBV5	7158	15137	1.60%	0.121%
8	14.125	1832	1836	1840	rBV3	11258	16462	1.74%	0.132%
9	14.407	1878	1884	1889	rBV2	7139	11997	1.27%	0.096%
10	14.683	1921	1931	1937	rBV2	191612	292217	30.85%	2.344%
11	14.748	1937	1942	1948	rVB	34890	51584	5.45%	0.414%
12	15.083	1991	1999	2006	rBV2	21757	35093	3.70%	0.282%
13	15.729	2102	2109	2116	rBV2	35965	60515	6.39%	0.486%
14	16.023	2155	2159	2165	rVB	17838	25904	2.73%	0.208%
15	16.176	2177	2185	2193	rBV2	389604	598599	63.19%	4.803%
16	16.405	2220	2224	2235	rVB5	7219	15414	1.63%	0.124%
17	16.704	2268	2275	2276	rBV3	10886	18190	1.92%	0.146%
18	16.728	2276	2279	2285	rVV5	13129	27477	2.90%	0.220%
19	16.787	2285	2289	2294	rVB5	6502	12259	1.29%	0.098%
20	16.887	2300	2306	2309	rVB5	7700	15447	1.63%	0.124%
21	16.969	2309	2320	2322	rBV4	16622	35019	3.70%	0.281%
22	17.004	2322	2326	2329	rVB4	11691	15892	1.68%	0.128%
23	17.086	2335	2340	2347	rVB3	25826	44213	4.67%	0.355%
24	17.157	2347	2352	2365	rBV9	16711	52717	5.57%	0.423%
25	17.251	2365	2368	2376	rVB2	20649	32883	3.47%	0.264%
26	17.433	2393	2399	2403	rBV	243665	389029	41.07%	3.121%
27	17.480	2403	2407	2412	rVV	355594	517812	54.66%	4.154%
28	17.568	2412	2422	2427	rVV	99626	176400	18.62%	1.415%
29	17.627	2427	2432	2436	rVB2	24938	38683	4.08%	0.310%
30	17.838	2460	2468	2472	rBV2	45199	94915	10.02%	0.762%
31	17.950	2483	2487	2490	rBV4	8016	12070	1.27%	0.097%
32	18.015	2495	2498	2501	rVV5	9047	14095	1.49%	0.113%
33	18.085	2505	2510	2513	rBV5	9593	12204	1.29%	0.098%
34	18.314	2543	2549	2553	rVV	70590	114244	12.06%	0.917%
35	18.361	2553	2557	2564	rVB	97562	145067	15.31%	1.164%
36	18.438	2564	2570	2575	rBV	51683	79521	8.39%	0.638%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.508	2575	2582	2586	rVV3	92054	189055	19.96%	1.517%
38	18.543	2586	2588	2593	rVV2	50918	59684	6.30%	0.479%
39	18.608	2593	2599	2604	rVV6	19021	31519	3.33%	0.253%
40	18.661	2604	2608	2611	rVV5	14654	22077	2.33%	0.177%
41	18.690	2611	2613	2618	rVV6	8011	15228	1.61%	0.122%
42	18.743	2618	2622	2627	rVV6	12304	22988	2.43%	0.184%
43	18.802	2627	2632	2636	rVV	49556	72277	7.63%	0.580%
44	18.849	2637	2640	2646	rVB2	36205	45353	4.79%	0.364%
45	19.049	2671	2674	2678	rBV5	19739	24841	2.62%	0.199%
46	19.137	2686	2689	2693	rVB3	17252	20500	2.16%	0.164%
47	19.219	2697	2703	2710	rBV5	39741	82141	8.67%	0.659%
48	19.290	2710	2715	2723	rVV6	26470	77344	8.16%	0.621%
49	19.366	2723	2728	2735	rVB5	33840	66638	7.03%	0.535%
50	19.489	2743	2749	2755	rBV	432567	607304	64.11%	4.872%
51	19.542	2755	2758	2761	rVV3	13933	16342	1.73%	0.131%
52	19.583	2761	2765	2770	rVV5	24386	34112	3.60%	0.274%
53	19.672	2777	2780	2784	rBV5	13548	22553	2.38%	0.181%
54	19.730	2785	2790	2792	rVV4	13798	17559	1.85%	0.141%
55	19.818	2800	2805	2807	rBV2	95279	154165	16.27%	1.237%
56	19.854	2807	2811	2817	rVB	374729	525811	55.51%	4.219%
57	19.918	2817	2822	2828	rVB2	44106	74643	7.88%	0.599%
58	19.977	2828	2832	2834	rBV4	10150	14994	1.58%	0.120%
59	20.042	2834	2843	2848	rBV	725327	947285	100.00%	7.600%
60	20.089	2848	2851	2859	rVB2	34278	55048	5.81%	0.442%
61	20.159	2859	2863	2864	rBV	41040	45358	4.79%	0.364%
62	20.230	2872	2875	2878	rBV4	9749	17537	1.85%	0.141%
63	20.306	2882	2888	2890	rBV4	37838	69895	7.38%	0.561%
64	20.341	2890	2894	2898	rVB	75040	112566	11.88%	0.903%
65	20.435	2907	2910	2914	rBV3	31409	47729	5.04%	0.383%
66	20.500	2914	2921	2925	rVV3	57298	119684	12.63%	0.960%
67	20.535	2925	2927	2930	rVV3	20089	21053	2.22%	0.169%
68	20.576	2931	2934	2938	rVV5	16733	26325	2.78%	0.211%
69	20.641	2941	2945	2949	rVV2	39476	59078	6.24%	0.474%
70	20.688	2949	2953	2961	rVB3	44509	80603	8.51%	0.647%
71	20.905	2985	2990	2991	rBV5	14342	23073	2.44%	0.185%
72	21.058	3012	3016	3019	rBV5	13245	20318	2.14%	0.163%
73	21.105	3020	3024	3030	rVB2	58023	88910	9.39%	0.713%
74	21.287	3050	3055	3059	rBV2	29428	62948	6.65%	0.505%
75	21.334	3059	3063	3067	rVV2	91845	137534	14.52%	1.103%
76	21.387	3069	3072	3077	rVV4	40354	73233	7.73%	0.588%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.446	3077	3082	3090	rVB3	51662	98554	10.40%	0.791%
78	21.657	3114	3118	3119	rBV2	18369	22434	2.37%	0.180%
79	21.710	3120	3127	3133	rVV3	311595	807411	85.23%	6.478%
80	21.763	3133	3136	3148	rVB	165467	302491	31.93%	2.427%
81	21.922	3159	3163	3168	rVB5	15664	25422	2.68%	0.204%
82	22.004	3172	3177	3180	rBV7	12139	26757	2.82%	0.215%
83	22.133	3193	3199	3206	rBV3	35256	72601	7.66%	0.582%
84	22.457	3247	3254	3259	rVB3	45277	84760	8.95%	0.680%
85	22.515	3259	3264	3265	rBV5	17074	24012	2.53%	0.193%
86	22.733	3297	3301	3305	rBV5	19691	28346	2.99%	0.227%
87	22.880	3317	3326	3331	rBV5	24173	51302	5.42%	0.412%
88	22.997	3344	3346	3351	rVB6	7125	12098	1.28%	0.097%
89	23.144	3369	3371	3377	rVV7	13772	21492	2.27%	0.172%
90	23.203	3380	3381	3386	rVB5	14489	18423	1.94%	0.148%
91	23.955	3500	3509	3516	rBV3	86219	288317	30.44%	2.313%
92	24.219	3549	3554	3563	rVB2	21085	50949	5.38%	0.409%
93	24.689	3625	3634	3645	rVB	58997	178952	18.89%	1.436%
94	24.842	3649	3660	3670	rVB2	82587	256066	27.03%	2.054%
95	25.001	3677	3687	3696	rBV3	143307	418370	44.17%	3.357%
96	26.293	3906	3907	3915	rVB8	9633	14073	1.49%	0.113%
97	26.399	3920	3925	3927	rBV6	10355	16265	1.72%	0.130%
98	27.110	4044	4046	4052	rVB7	9244	13152	1.39%	0.106%
99	28.749	4316	4325	4326	rBV4	25189	48169	5.08%	0.386%
100	29.912	4519	4523	4525	rBV5	12952	19046	2.01%	0.153%

Sum of corrected areas: 12464149

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Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
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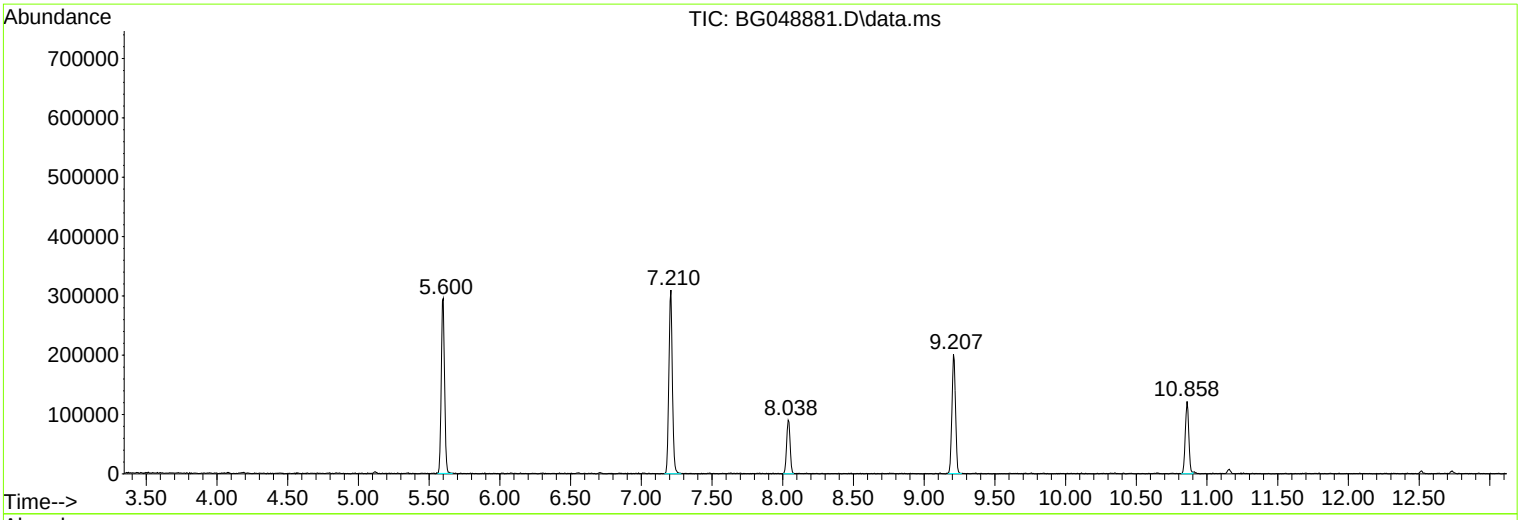
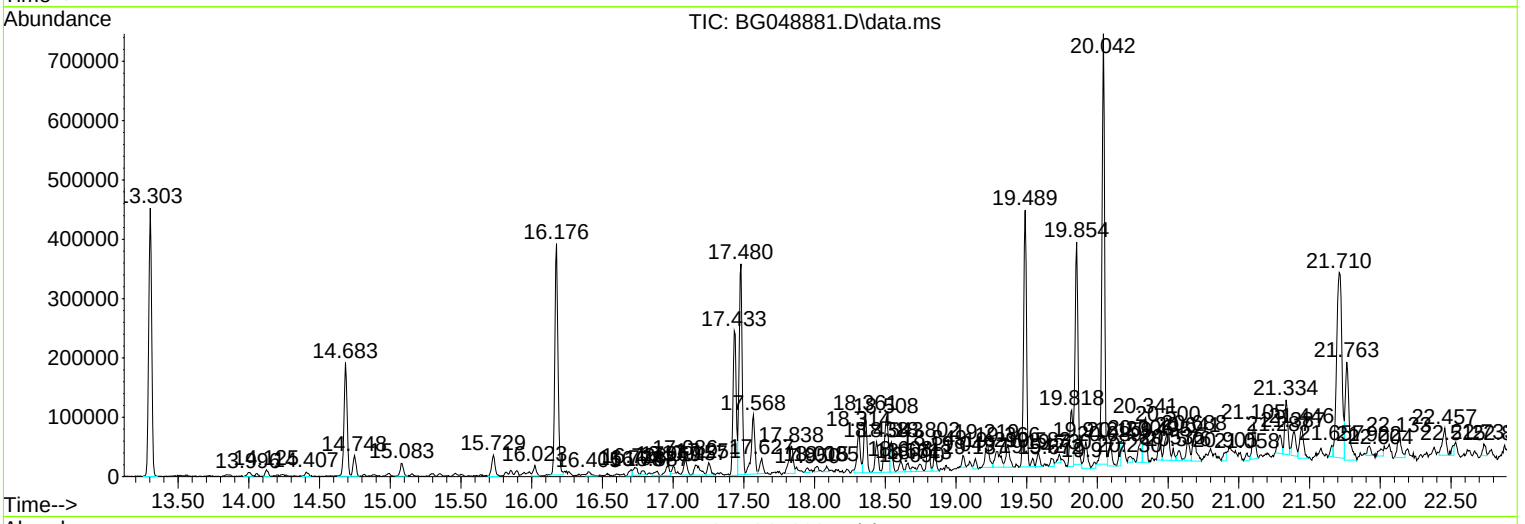
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

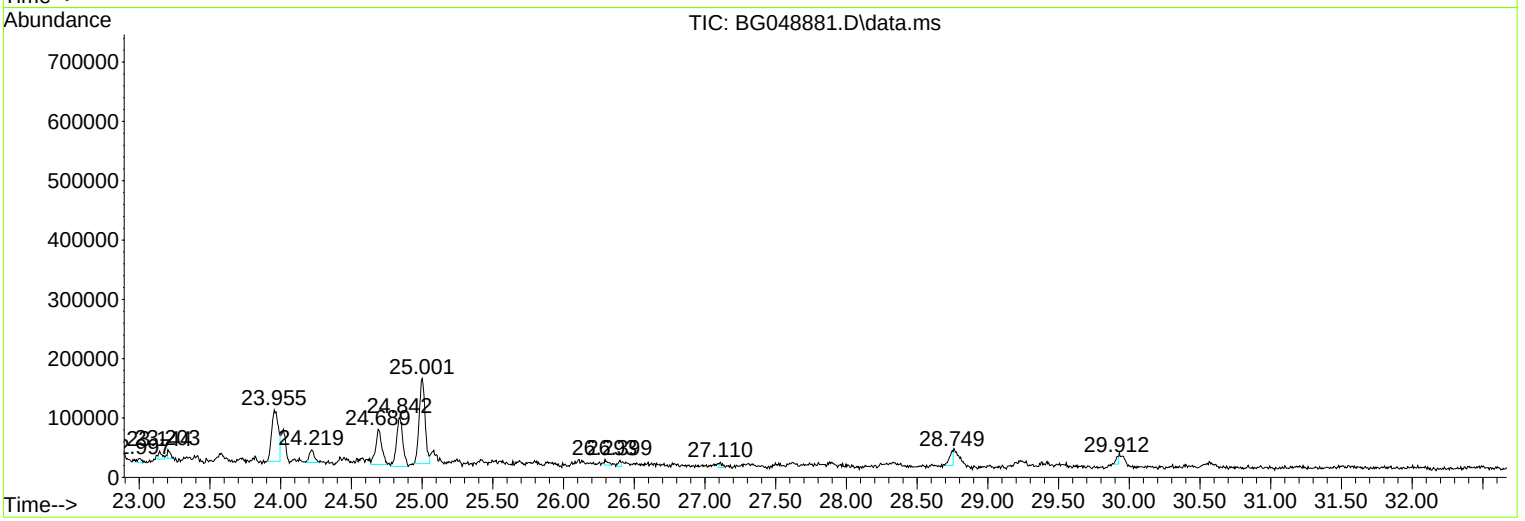
Instrument :
BNA_G
ClientSampleId :
AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

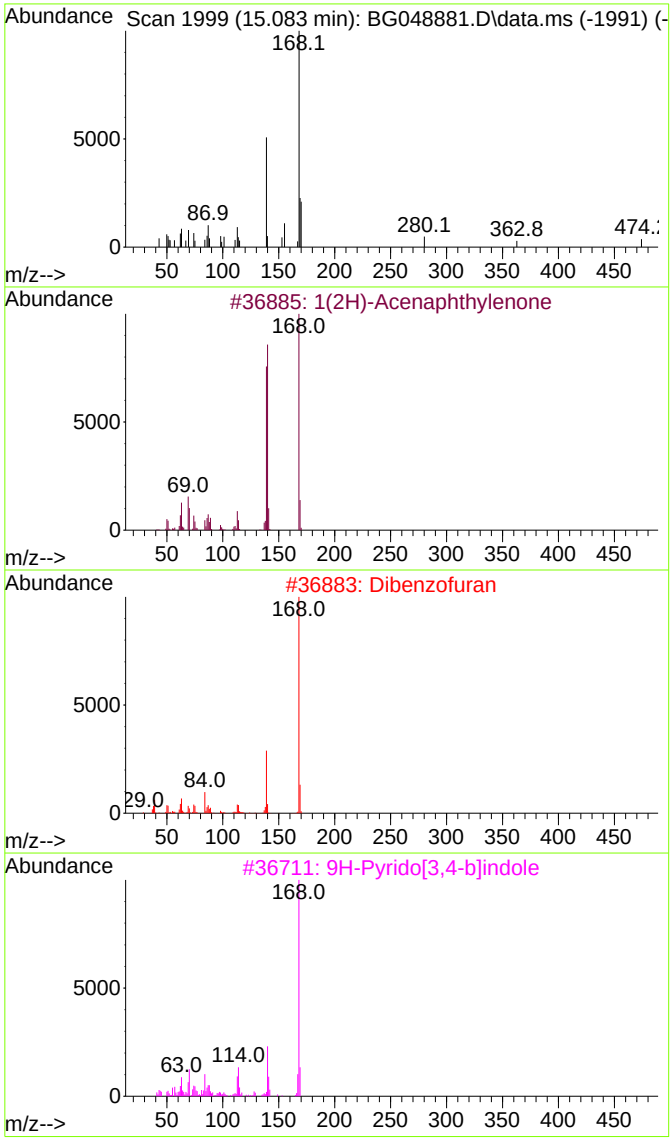
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

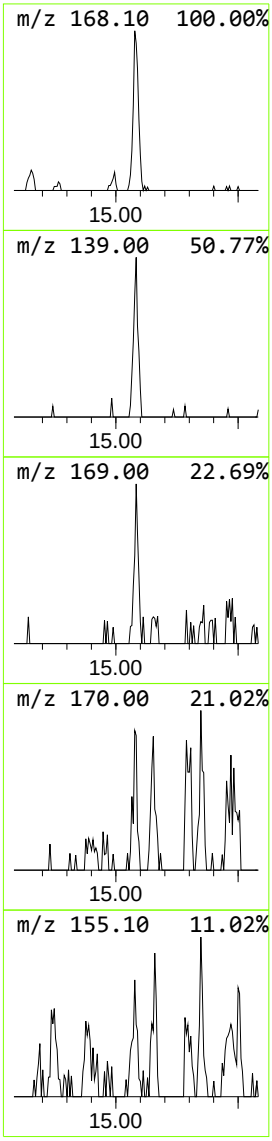
****

Peak Number 1 1(2H)-Acenaphthylenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.083	2.40 ng	35093	Acenaphthene-d10	14.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	64
2	Dibenzofuran	168	C12H8O	000132-64-9	47
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	38
4	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	33
5	L-Norvaline, N-trifluoroacetyl-,...	423	C22H40F3NO3	1000328-67-8	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

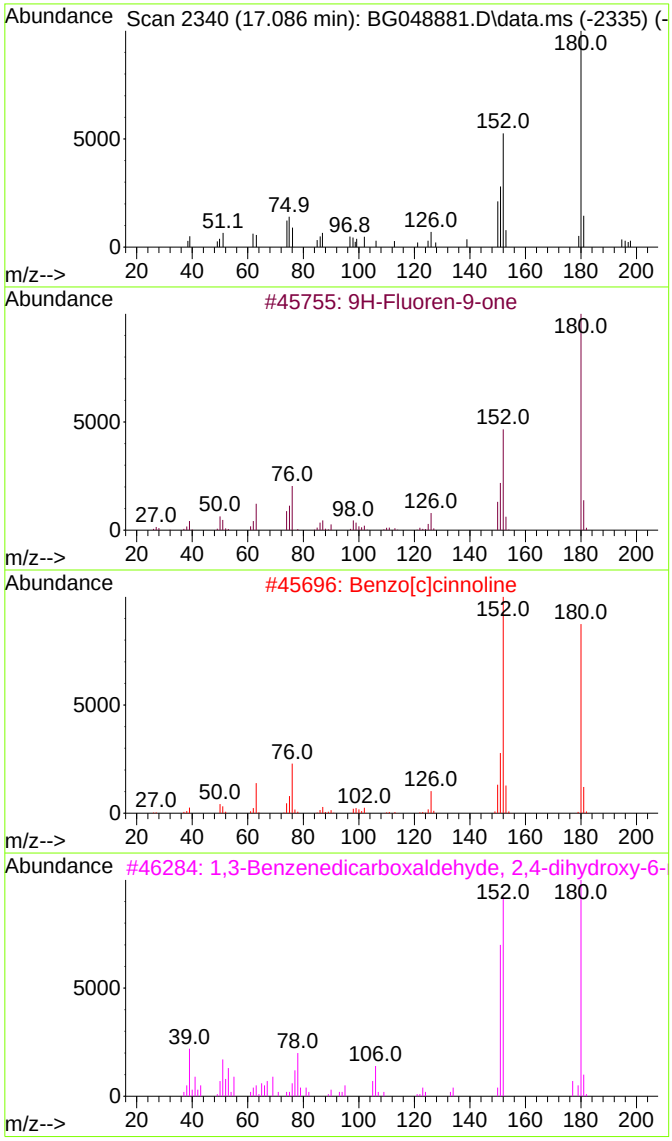
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

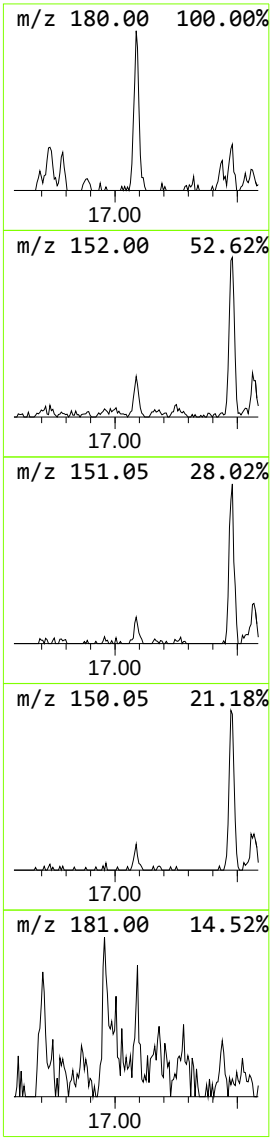
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	2.27 ng	44213	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	59
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
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Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

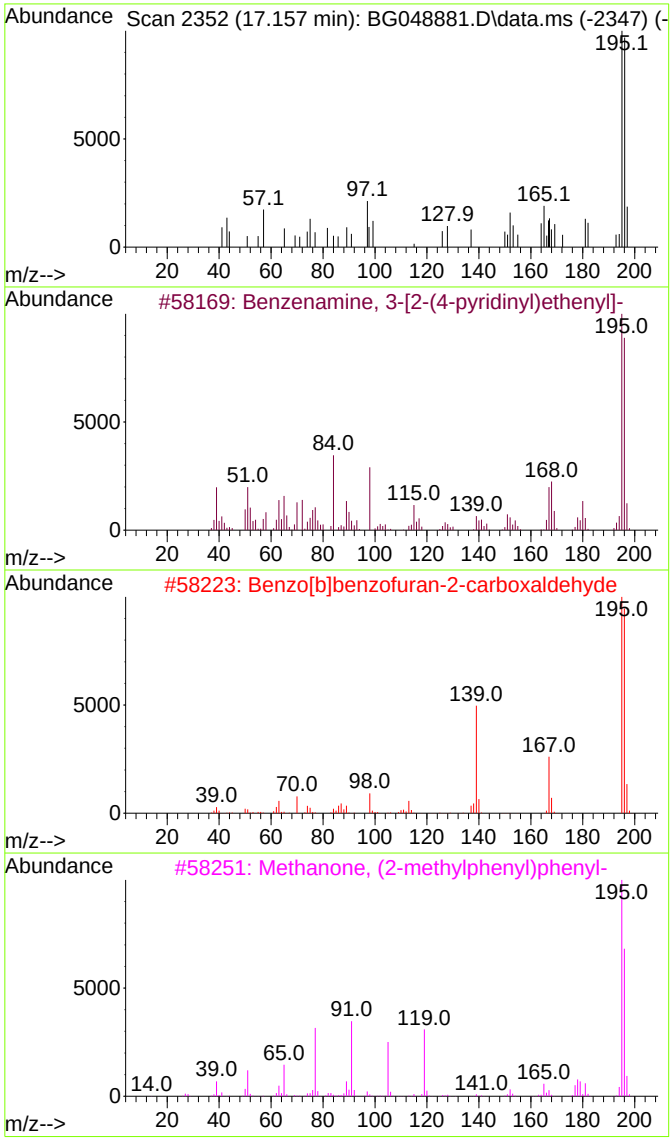
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

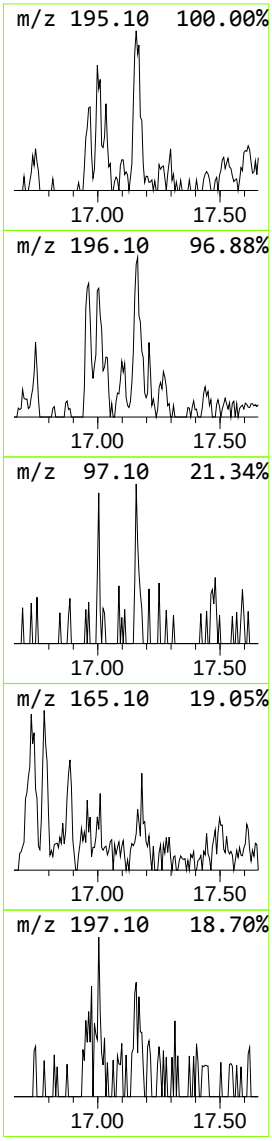
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzenamine, 3-[2-(4-pyridi... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.157	2.71 ng	52717	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	64
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	58
3	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	58
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	53
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
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Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

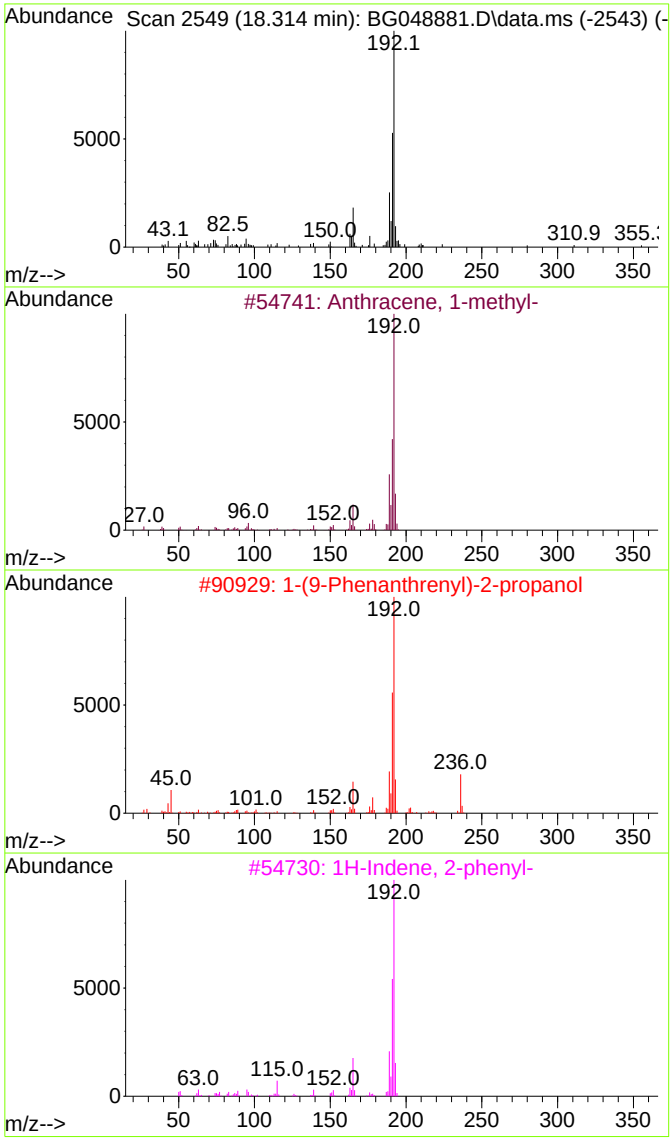
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

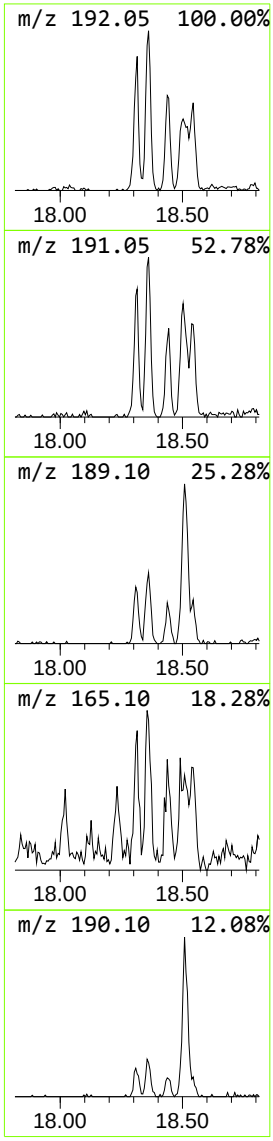
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-(9-Phenanthrenyl)-2-propanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.314	5.87 ng	114244	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
2	1-(9-Phenanthrenyl)-2-propanol	236	C17H16O	1000326-09-0	78
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

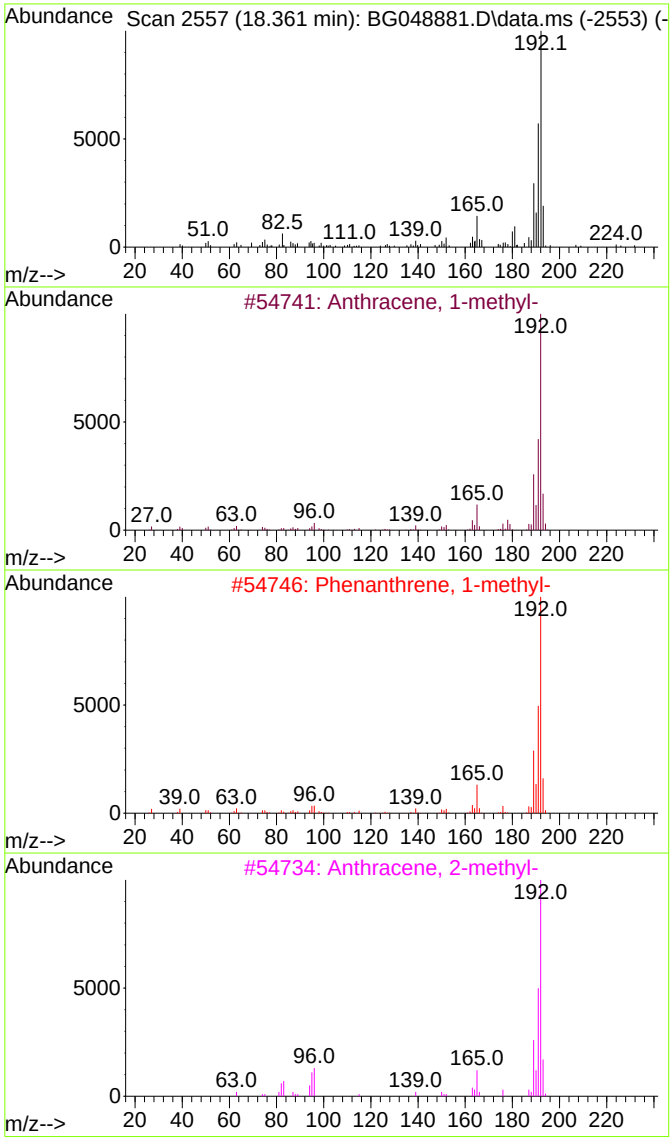
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

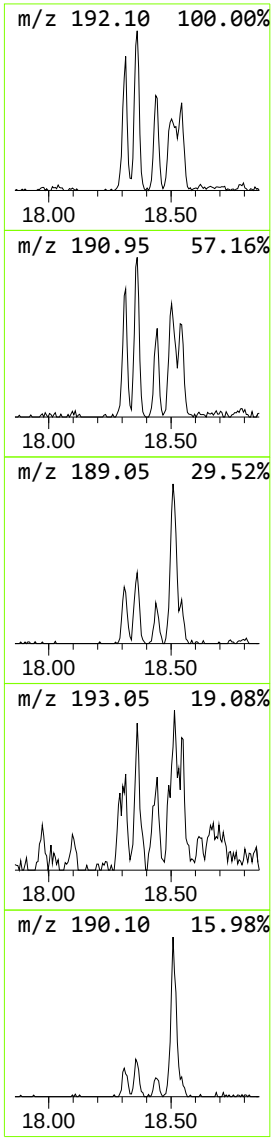
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.361	7.46 ng	145067	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

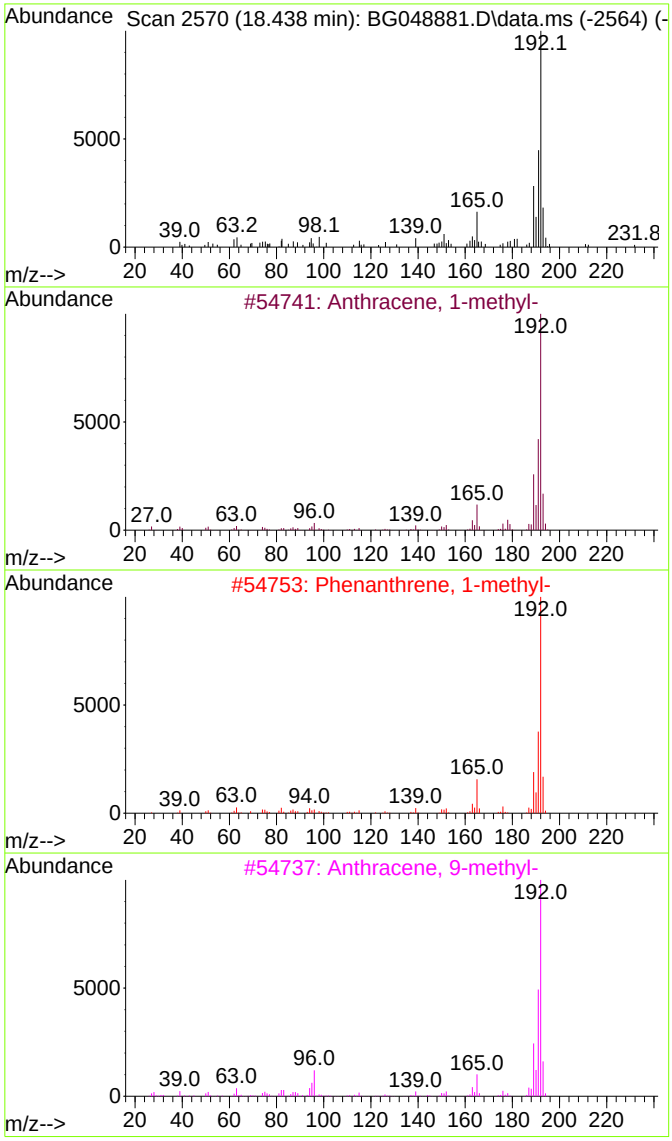
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

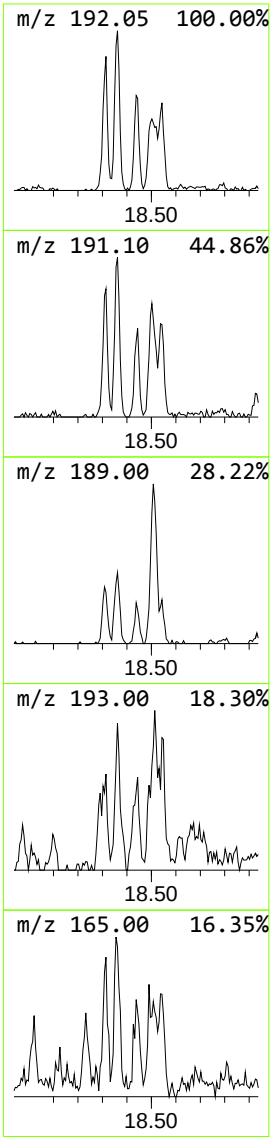
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.438	4.09 ng	79521	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

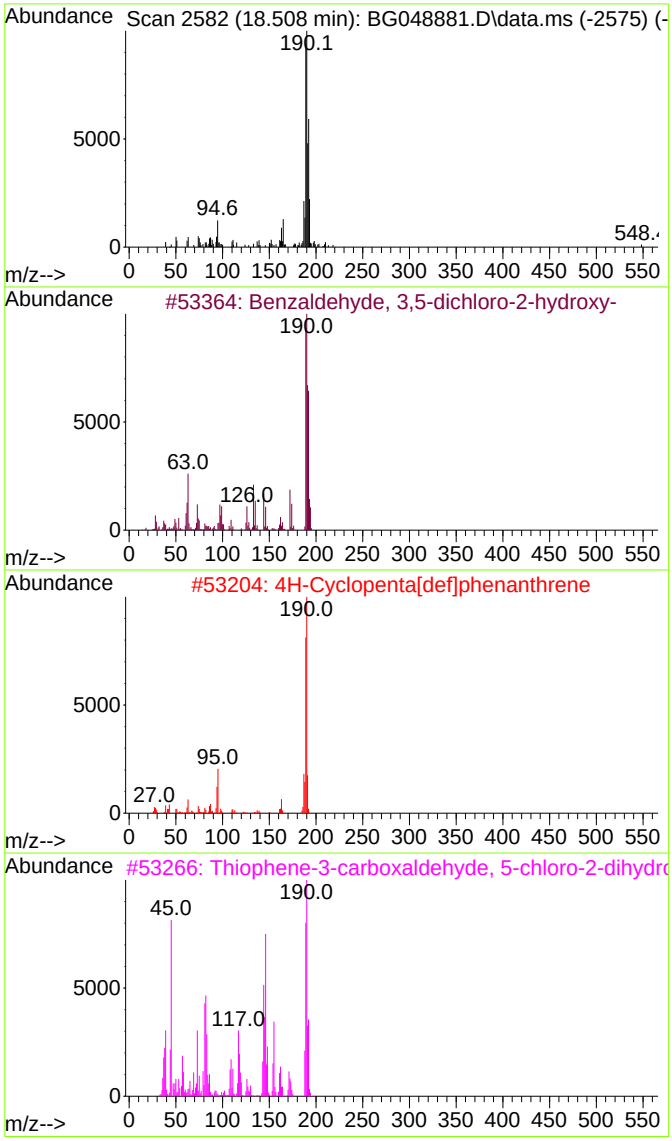
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

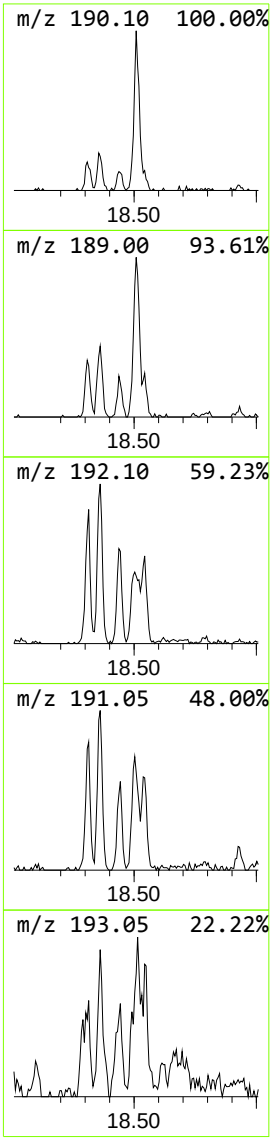
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.508	9.72 ng	189055	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	Methyl diselenide	190	C2H6Se2	007101-31-7	30
5	1,1'-Biphenyl,3,3'-difluoro-	190	C12H8F2	000396-64-5	27





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Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AN-1

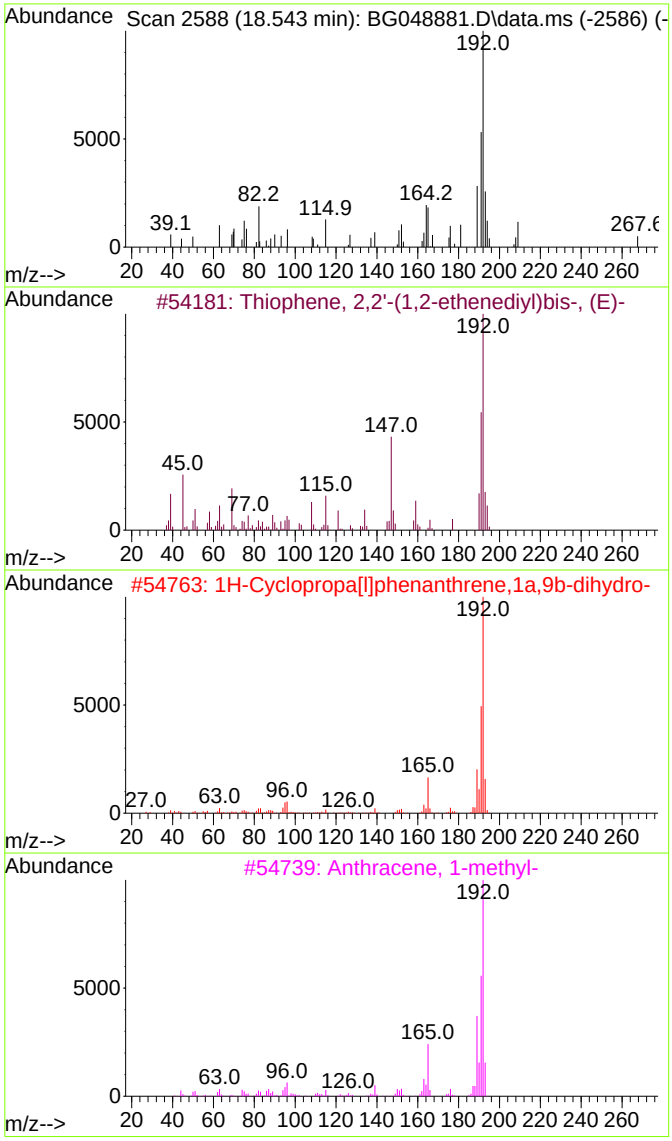
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

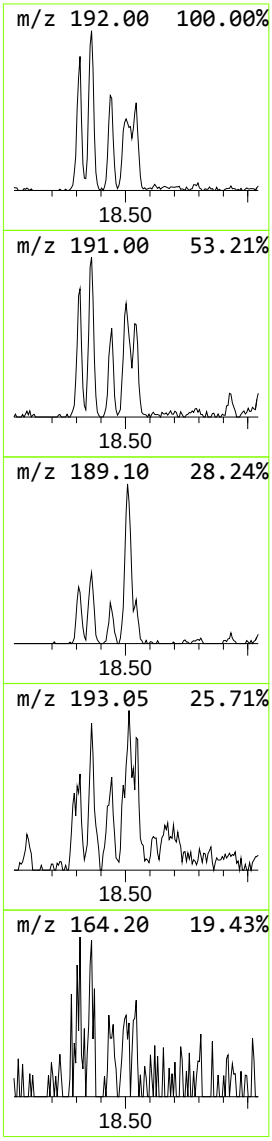
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Thiophene, 2,2'-(1,2-ethene... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.544	3.07 ng	59684	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,2'-(1,2-ethenediyl)...	192	C10H8S2	013640-78-3	52
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	49
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	49
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	47





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Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AN-1

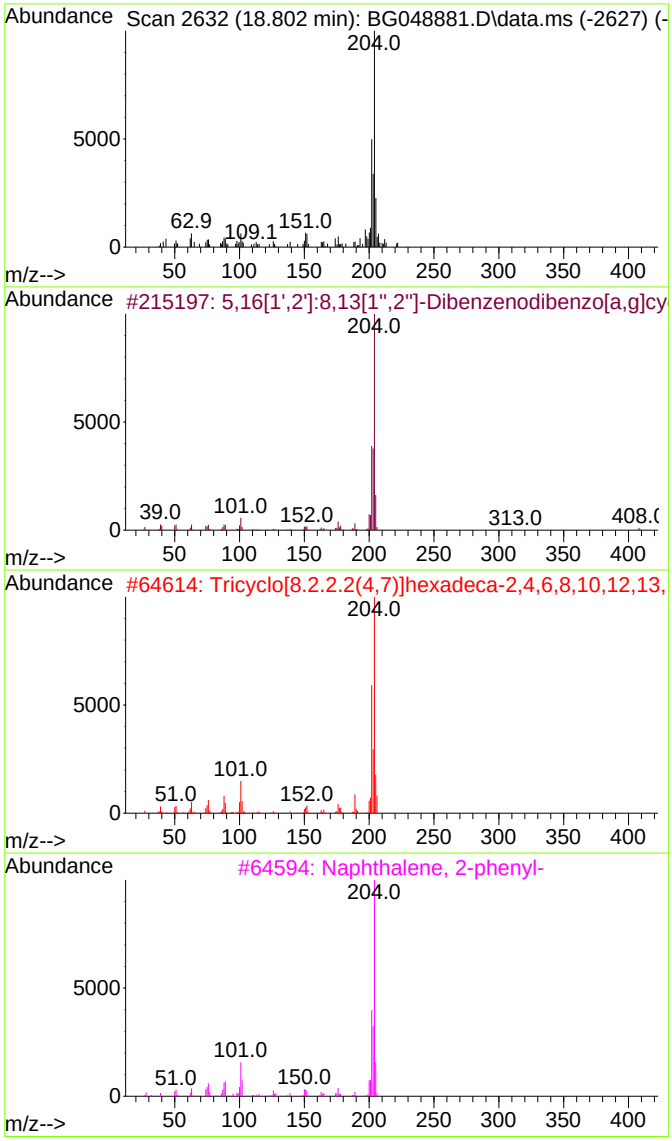
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

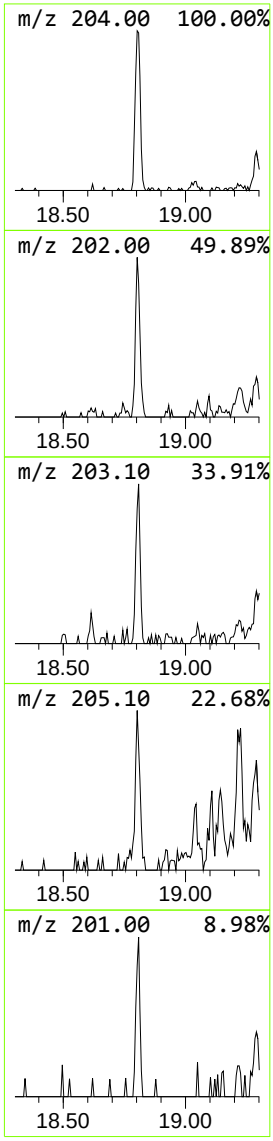
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.802	3.72 ng	72277	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	52
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50





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Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

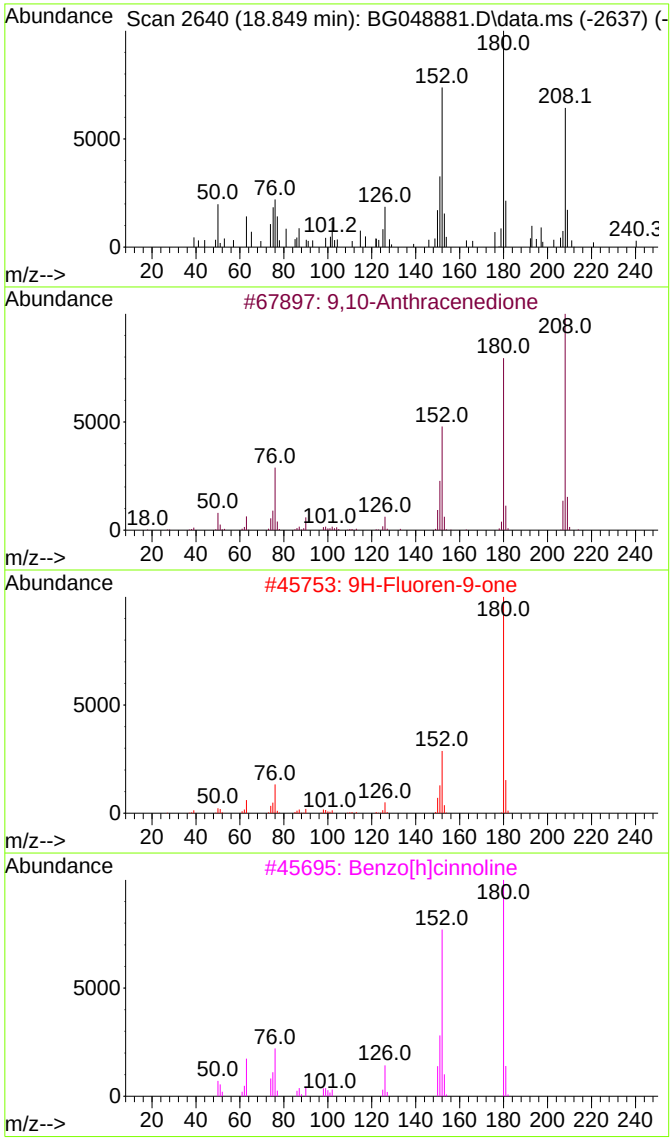
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

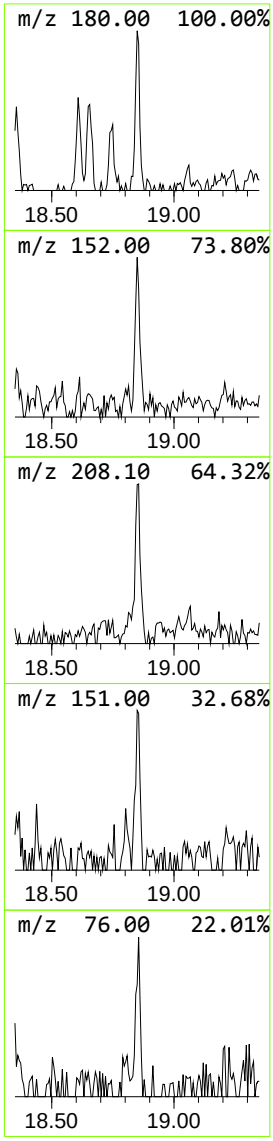
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.849	2.33 ng	45353	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70
4	Diphenic anhydride	224	C14H8O3	006050-13-1	58
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53





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Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

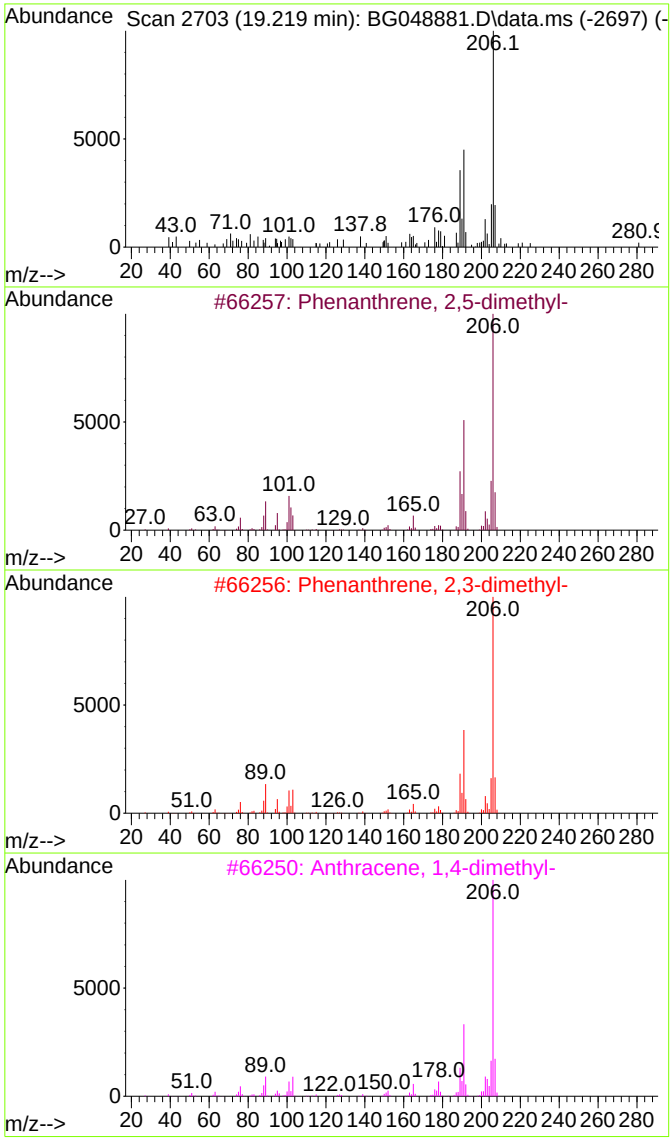
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

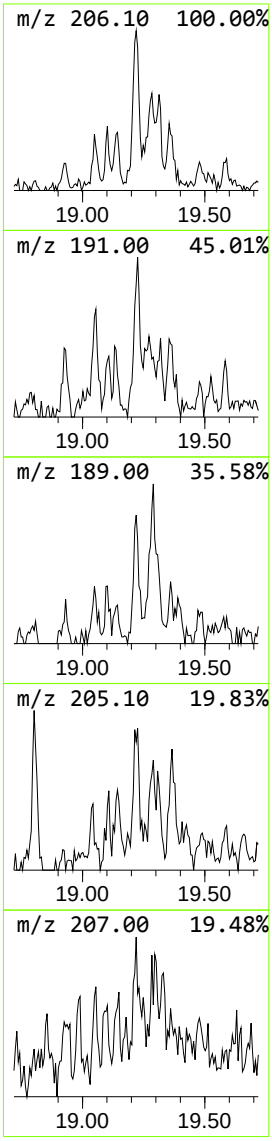
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.219	4.22 ng	82141	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

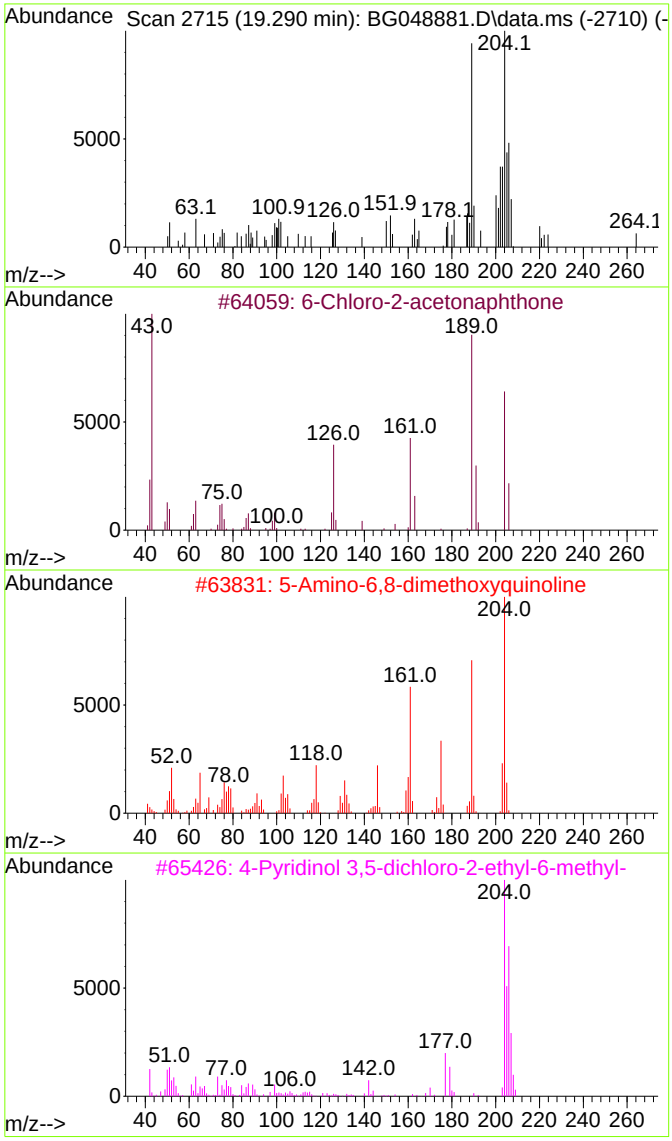
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

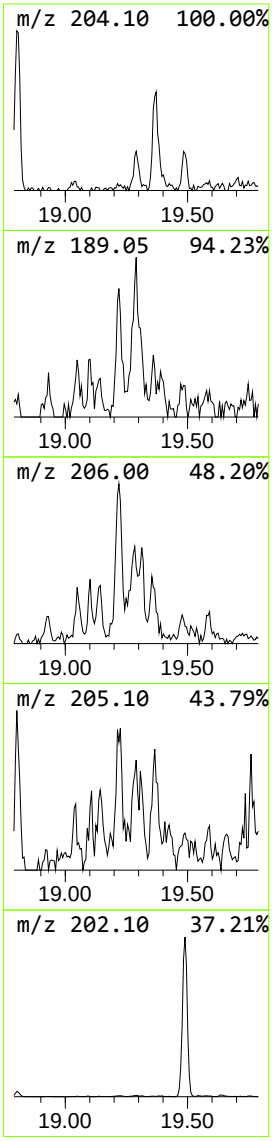
****

Peak Number 12 unknown19.29 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.290	3.98 ng	77344	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-2-acetonaphthone	204	C12H9ClO	042036-59-9	43
2	5-Amino-6,8-dimethoxyquinoline	204	C11H12N2O2	1000213-95-2	43
3	4-Pyridinol 3,5-dichloro-2-ethyl...	205	C8H9Cl2NO	1000253-55-0	38
4	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	30
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	22





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Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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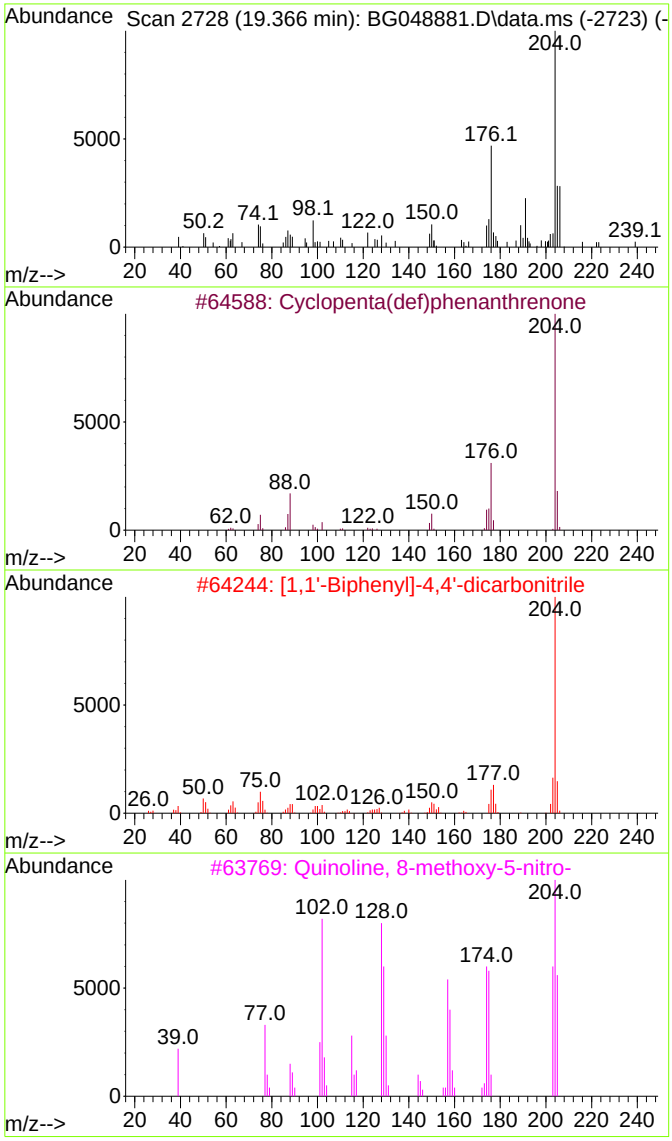
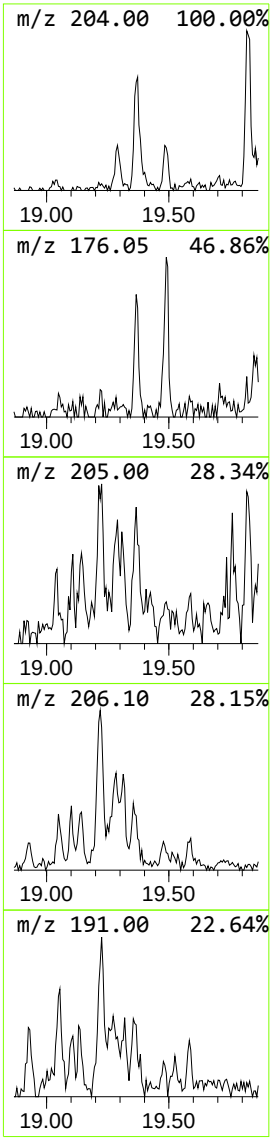
Peak Number 13 unknown19.36 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.366	3.43 ng	66638	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	49
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	45
3	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	37
5	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	35





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Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AN-1

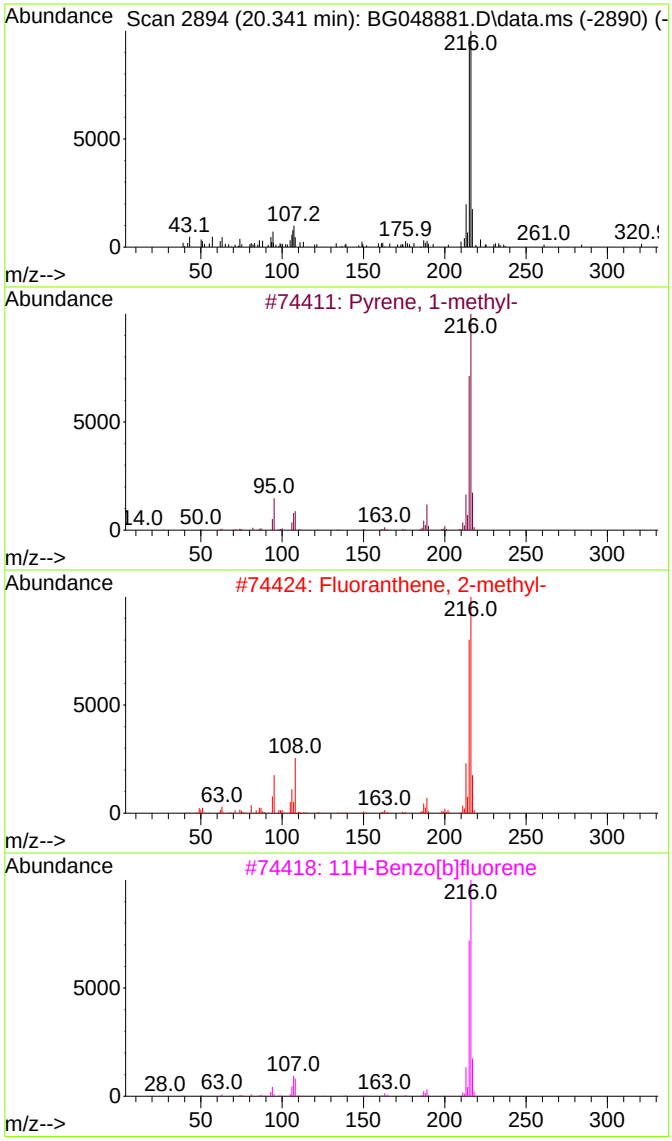
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

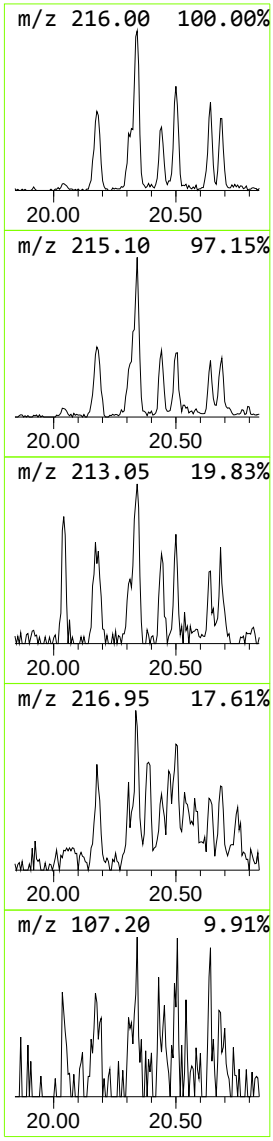
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.341	2.79 ng	112566	Chrysene-d12	21.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58





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Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

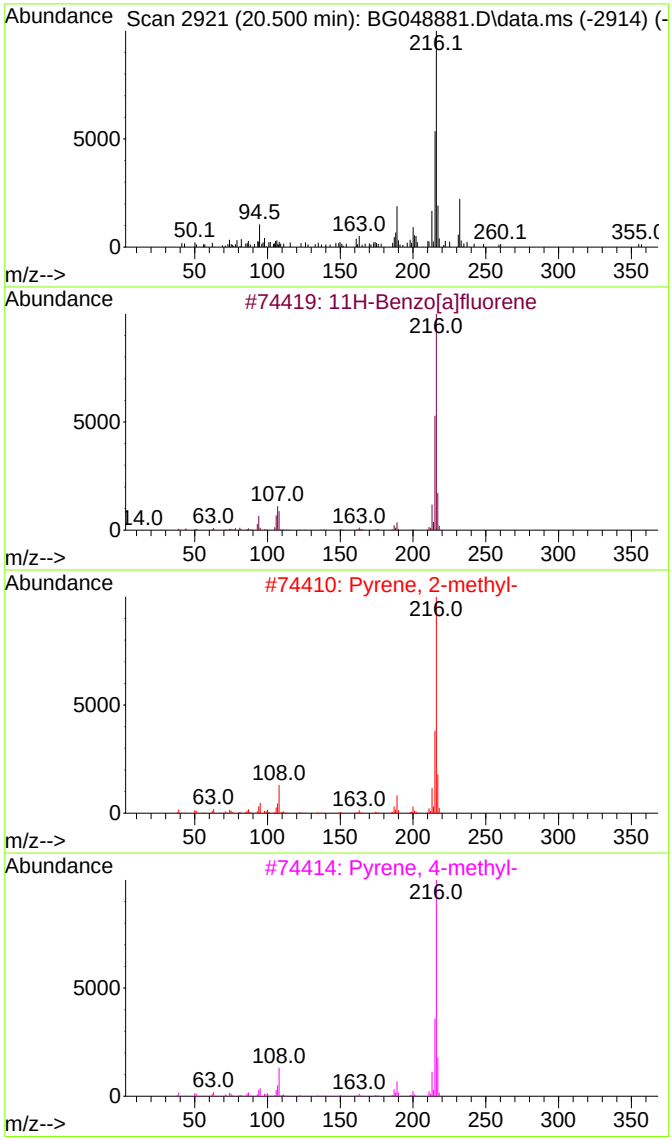
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

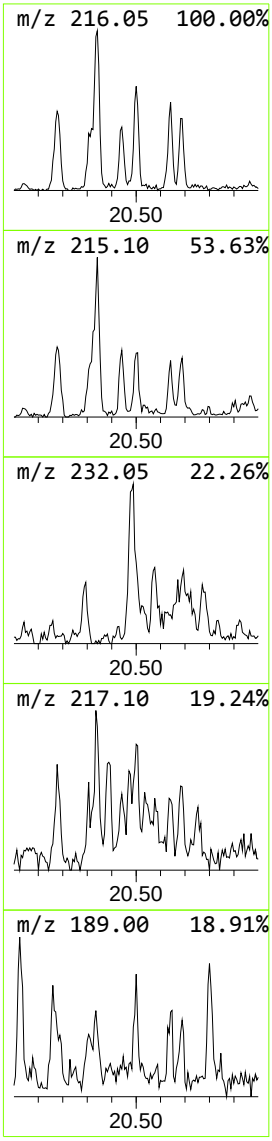
****

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.500	2.96 ng	119684	Chrysene-d12	21.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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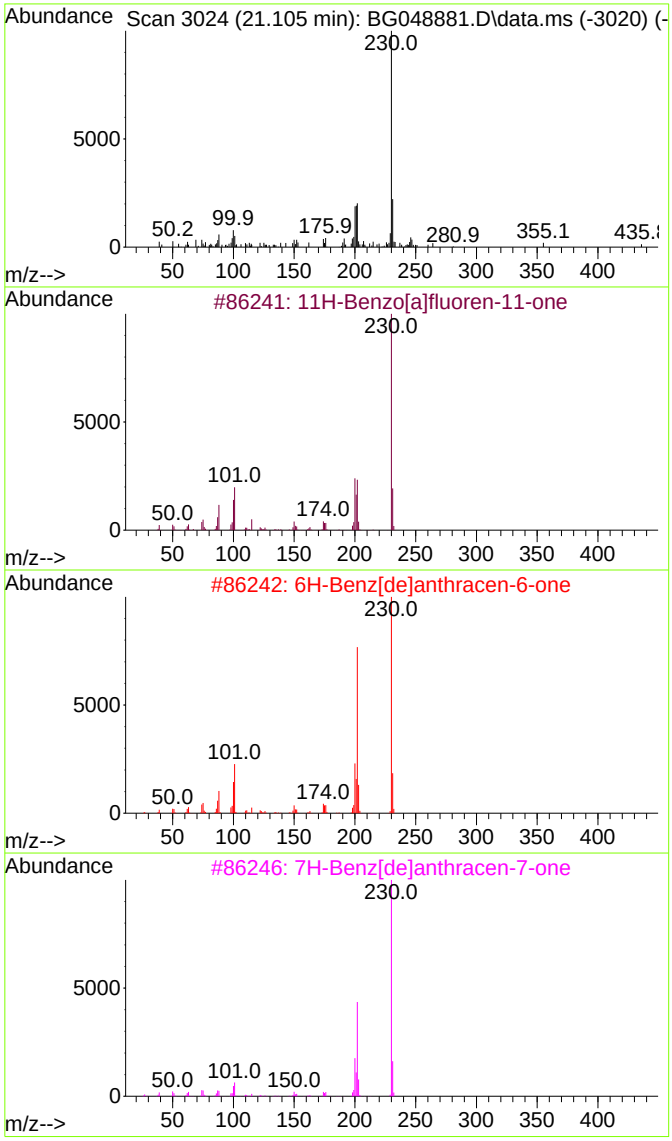
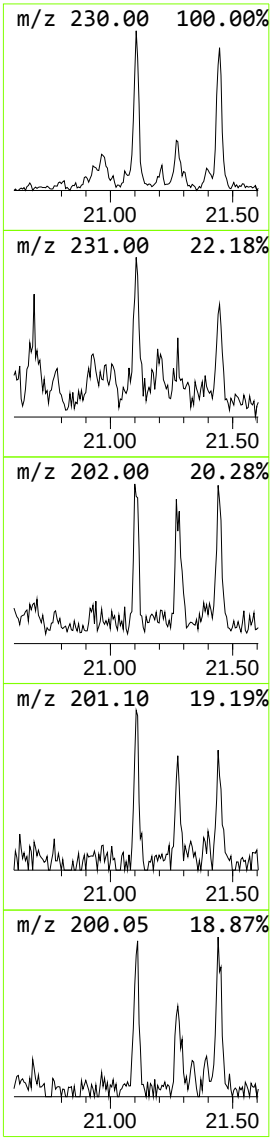
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.105	2.20 ng	88910	Chrysene-d12	21.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
4	p-Terphenyl	230	C18H14	000092-94-4	53
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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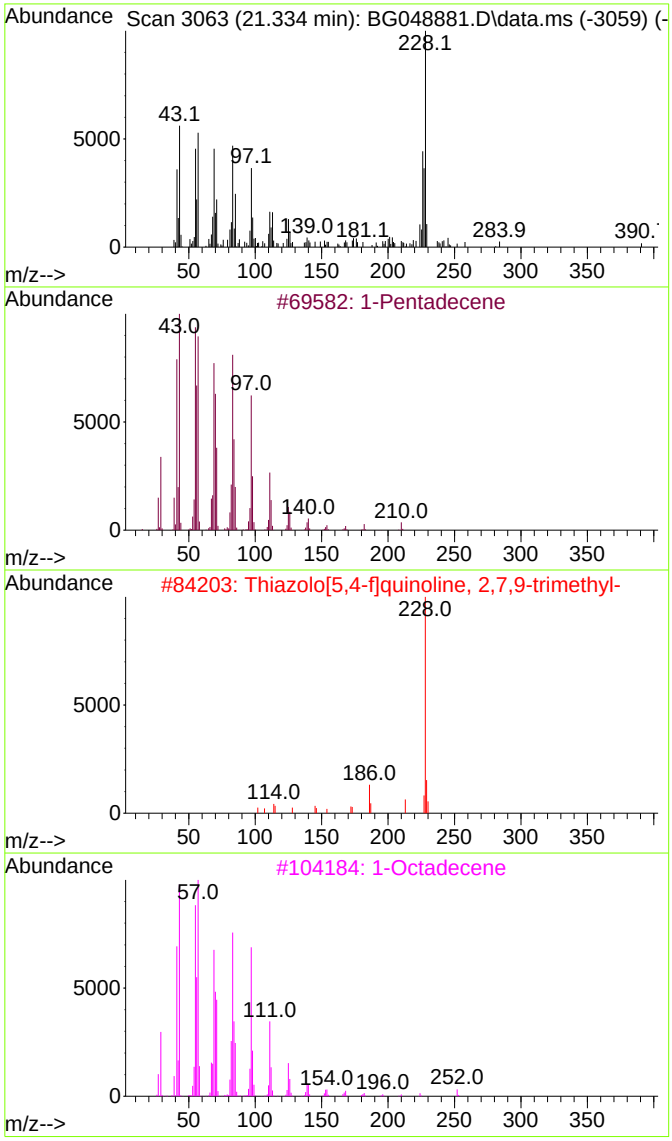
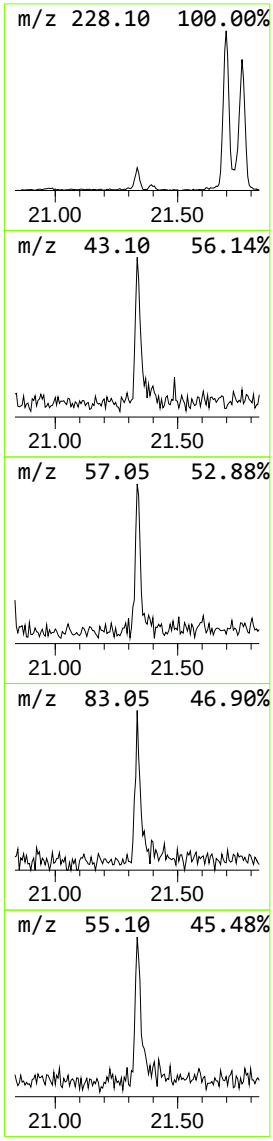
Peak Number 17 1-Pentadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.334	3.41 ng	137534	Chrysene-d12	21.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	55
2	Thiazolo[5,4-f]quinoline, 2,7,9-...	228	C13H12N2S	038463-47-7	46
3	1-Octadecene	252	C18H36	000112-88-9	43
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	41
5	Triphenylene	228	C18H12	000217-59-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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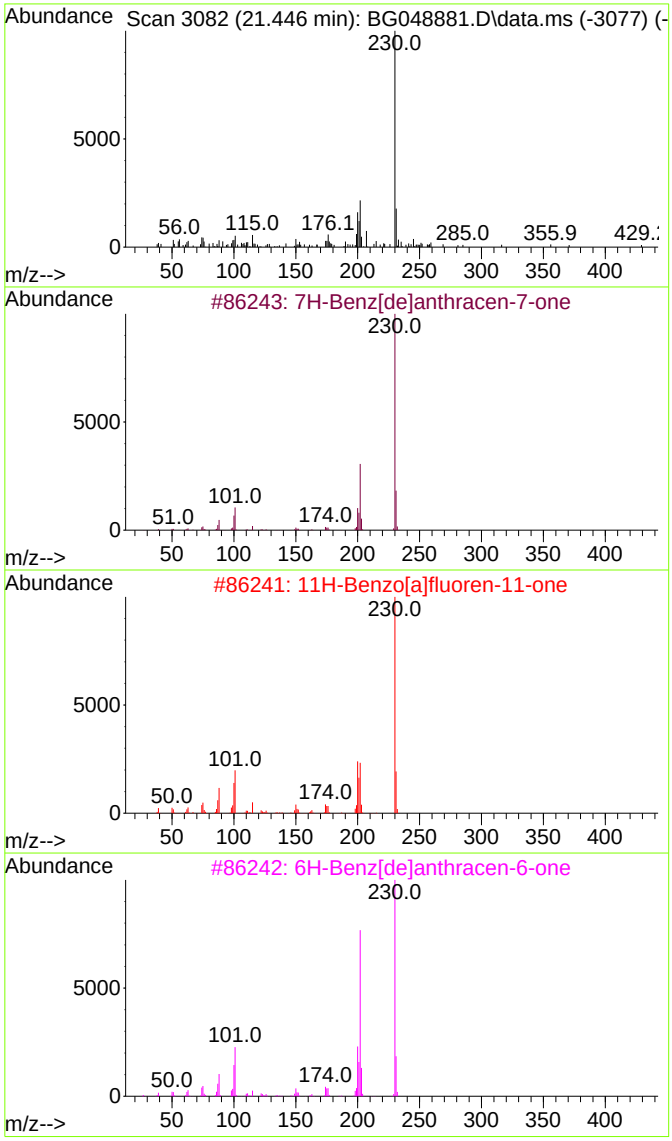
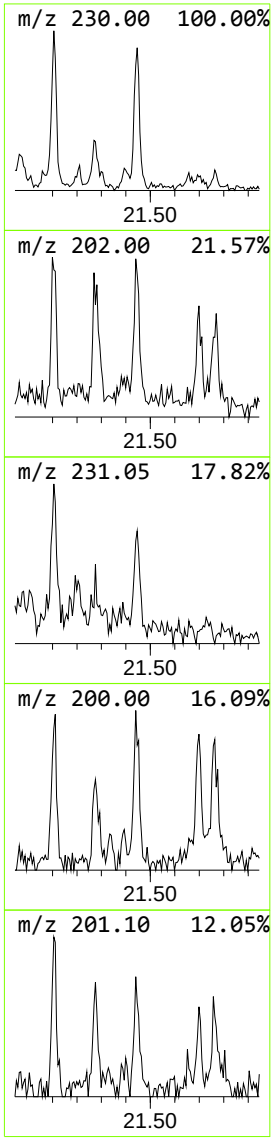
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.446	2.44 ng	98554	Chrysene-d12	21.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	68
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	3-Chlorocatechol, cyclic phenylb...	230	C12H8BClO2	1000293-25-0	52
5	m-Terphenyl	230	C18H14	000092-06-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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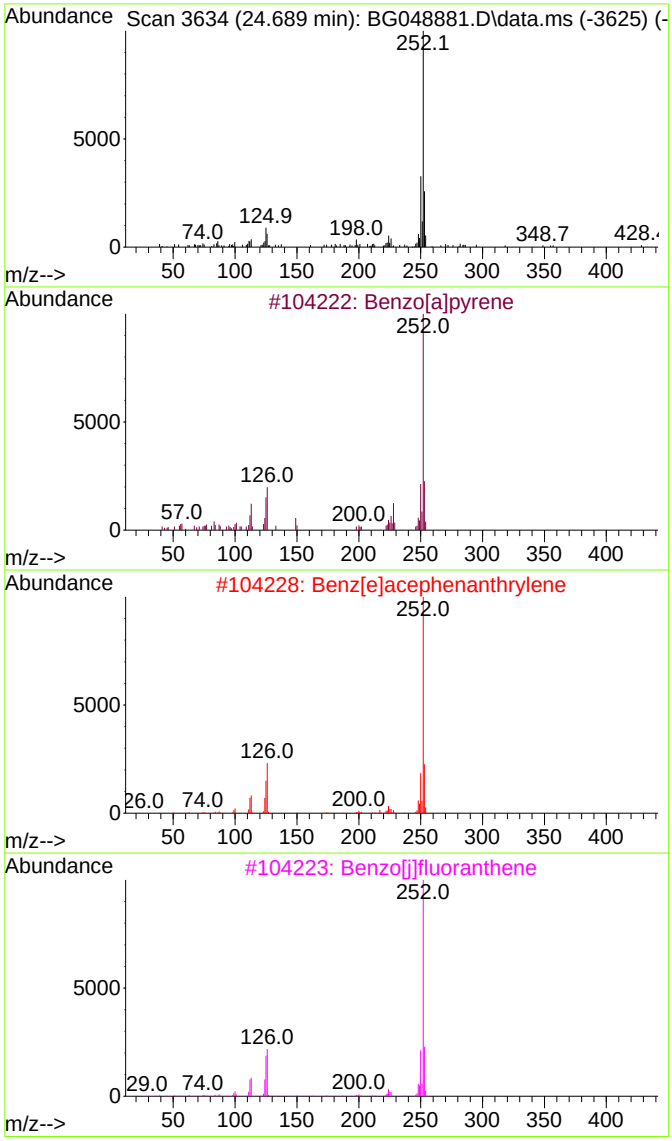
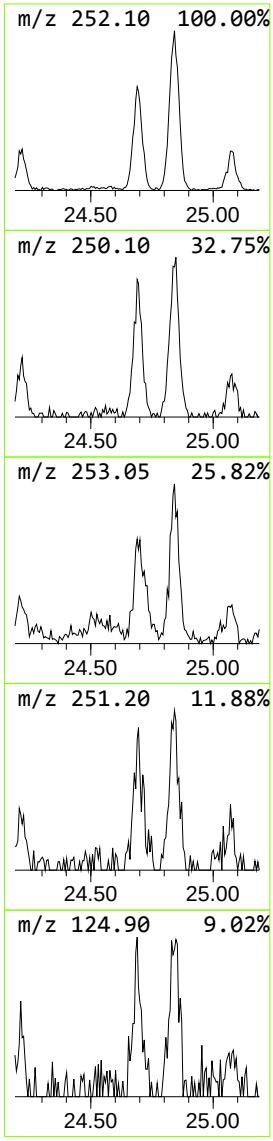
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.689	8.55 ng	178952	Perylene-d12	25.001

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048881.D
Acq On : 26 Apr 2021 16:52
Operator : CG/JU
Sample : M2170-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1(2H)-Acenaphth...	15.083	2.4	ng	35093	3	14.683	292217	20.0
9H-Fluoren-9-one	17.086	2.3	ng	44213	4	17.433	389029	20.0
Benzenamine, 3-...	17.157	2.7	ng	52717	4	17.433	389029	20.0
1-(9-Phenanthre...	18.314	5.9	ng	114244	4	17.433	389029	20.0
Anthracene, 1-m...	18.361	7.5	ng	145067	4	17.433	389029	20.0
Phenanthrene, 1...	18.438	4.1	ng	79521	4	17.433	389029	20.0
Benzaldehyde, 3...	18.508	9.7	ng	189055	4	17.433	389029	20.0
Thiophene, 2,2'...	18.544	3.1	ng	59684	4	17.433	389029	20.0
5,16[1',2']:8,1...	18.802	3.7	ng	72277	4	17.433	389029	20.0
9,10-Anthracene...	18.849	2.3	ng	45353	4	17.433	389029	20.0
Phenanthrene, 2...	19.219	4.2	ng	82141	4	17.433	389029	20.0
unknown19.29	19.290	4.0	ng	77344	4	17.433	389029	20.0
unknown19.36	19.366	3.4	ng	66638	4	17.433	389029	20.0
Pyrene, 1-methyl-	20.341	2.8	ng	112566	5	21.716	807411	20.0
11H-Benzo[a]flu...	20.500	3.0	ng	119684	5	21.716	807411	20.0
11H-Benzo[a]flu...	21.105	2.2	ng	88910	5	21.716	807411	20.0
1-Pentadecene	21.334	3.4	ng	137534	5	21.716	807411	20.0
7H-Benz[de]anth...	21.446	2.4	ng	98554	5	21.716	807411	20.0
Benzo[j]fluoran...	24.689	8.6	ng	178952	6	25.001	418370	20.0