LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-26

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-BG110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055576.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.331	3	7	12	rBV	84627	135906	2.67%	0.185%
2	4.712	235	242	248	rBV2	52028	80647	1.58%	0.110%
3	5.328	340	347	357	rBV	473838	743862	14.60%	1.013%
4	5.799	420	427	440	rBV	1363004	2222120	43.60%	3.025%
5	7.408	692	701	714	rBV	1367503	2401613	47.12%	3.269%
6	8.272	841	848	854	rBV	228098	385500	7.56%	0.525%
7	9.441	1037	1047	1056	rBV	816923	1465609	28.76%	1.995%
8	10.846	1277	1286	1294	rBV	72194	120420	2.36%	0.164%
9	11.098	1320	1329	1336	rBV	307881	555061	10.89%	0.756%
10	13.519	1731	1741	1748	rBV	2135553	3270807	64.18%	4.452%
11	14.888	1964	1974	1980	rBV	481809	768020	15.07%	1.045%
12	15.270	2033	2039	2048	rBV4	30210	65258	1.28%	0.089%
13	15.493	2071	2077	2082	rBV3	35459	61787	1.21%	0.084%
14	15.669	2099	2107	2111	rBV3	42180	100163	1.97%	0.136%
15	16.198	2191	2197	2201	rBV7	26547	66891	1.31%	0.091%
16	16.368	2216	2226	2233	rBV	1660435	2562962	50.29%	3.489%
17	16.592	2261	2264	2269	rVB3	63089	95599	1.88%	0.130%
18	16.727	2283	2287	2292	rBV4	41860	74305	1.46%	0.101%
19	16.927	2316	2321	2326	rVV3	47241	86690	1.70%	0.118%
20	16.980	2326	2330	2335	rBV2	48180	80936	1.59%	0.110%
21	17.079	2343	2347	2351	rVB2	55553	89999	1.77%	0.123%
22	17.138	2352	2357	2358	rBV2	45653	64629	1.27%	0.088%
23	17.197	2363	2367	2375	rVB3	59845	128139	2.51%	0.174%
24	17.279	2375	2381	2386	rBV5	52706	110267	2.16%	0.150%
25	17.356	2390	2394	2404	rVB8	65570	155126	3.04%	0.211%
26	17.444	2405	2409	2414	rBV3	48620	76240	1.50%	0.104%
27	17.626	2434	2440	2444	rBV	552285	869759	17.07%	1.184%
28	17.667	2444	2447	2453	rVB	446179	671271	13.17%	0.914%
29	17.761	2458	2463	2466	rVV	106195	157903	3.10%	0.215%
30	17.802	2466	2470	2477	rVV2	66456	151202	2.97%	0.206%
31	18.025	2504	2508	2510	rBV4	54540	81721	1.60%	0.111%
32	18.102	2518	2521	2525	rVB4	65491	94717	1.86%	0.129%
33	18.143	2525	2528	2531	rBV	71589	90440	1.77%	0.123%
34	18.207	2533	2539	2546	rVB	150114	274430	5.38%	0.374%
35	18.354	2559	2564	2570	rBV	71084	134028	2.63%	0.182%
36	18.419	2571	2575	2579	rBV3	46539	72821	1.43%	0.099%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

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-BG110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.495	2583	2588	2593	rVV	557608	971758	19.07%	1.323%
38	18.548	2593	2597	2602	rVB	692627	1011981	19.86%	1.377%
39	18.625	2602	2610	2615	rBV2	220785	424338	8.33%	0.578%
40	18.689	2615	2621	2625	rVV2	724020	1427585	28.01%	1.943%
41	18.730	2625	2628	2633	rVB	462051	641896	12.59%	0.874%
42	18.801	2634	2640	2643	rBV5	68530	119853	2.35%	0.163%
43	18.836	2643	2646	2650	rVV3	42129	56197	1.10%	0.076%
44	18.889	2650	2655	2659	rVV3	138591	213055	4.18%	0.290%
45	18.989	2667	2672	2676	rBV2	290706	461419	9.05%	0.628%
46	19.030	2676	2679	2689	rVB4	175283	393126	7.71%	0.535%
47	19.112	2689	2693	2698	rBV	158773	238435	4.68%	0.325%
48	19.230	2705	2713	2718	rBV2	332980	624437	12.25%	0.850%
49	19.283	2718	2722	2725	rVV	285944	380312	7.46%	0.518%
50	19.318	2725	2728	2732	rVB2	208168	266402	5.23%	0.363%
51	19.406	2737	2743	2747	rBV	932958	1600999	31.41%	2.179%
52	19.459	2747	2752	2756	rVV2	356827	742247	14.56%	1.010%
53	19.494	2756	2758	2761	rVB	286101	290725	5.70%	0.396%
54	19.541	2761	2766	2772	rBV4	422109	912482	17.90%	1.242%
55	19.665	2782	2787	2793	rBV	1661083	2517288	49.39%	3.427%
56	19.723	2793	2797	2799	rVV	179874	267644	5.25%	0.364%
57	19.759	2799	2803	2808	rVB2	294443	472035	9.26%	0.643%
58	19.853	2815	2819	2823	rVB4	195456	303462	5.95%	0.413%
59	19.906	2823	2828	2830	rBV4	187525	263750	5.17%	0.359%
60	19.935	2830	2833	2838	rVB	213323	278790	5.47%	0.379%
61	20.029	2839	2849	2855	rBV	2911540	5096668	100.00%	6.938%
62	20.094	2855	2860	2866	rVB2	440963	720757	14.14%	0.981%
63	20.182	2866	2875	2876	rBV3	171780	355221	6.97%	0.484%
64	20.217	2876	2881	2885	rVV	3142365	4248548	83.36%	5.783%
65	20.252	2885	2887	2893	rVB3	237647	318532	6.25%	0.434%
66	20.352	2896	2904	2912	rBV4	570157	1511166	29.65%	2.057%
67	20.428	2913	2917	2920	rBV4	107581	182155	3.57%	0.248%
68	20.505	2921	2930	2935	rVB2	536477	1561067	30.63%	2.125%
69	20.581	2940	2943	2944	rBV	129756	127352	2.50%	0.173%
70	20.611	2945	2948	2953	rVB2	187441	262087	5.14%	0.357%
71	20.675	2953	2959	2962	rBV	794669	1197310	23.49%	1.630%
72	20.710	2962	2965	2968	rVB2	170151	206803	4.06%	0.281%
73	20.816	2978	2983	2986	rBV	808098	1178877	23.13%	1.605%
74	20.863	2986	2991	3002	rVB	676390	1200690	23.56%	1.634%
75	20.969	3006	3009	3014	rVB4	131601	211114	4.14%	0.287%
76	21.075	3023	3027	3030	rBV4	92799	176773	3.47%	0.241%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

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-BG110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.110	3030	3033	3036	rVV3	95683	153167	3.01%	0.208%
78	21.192	3045	3047	3052	rVB2	157524	206540	4.05%	0.281%
79	21.292	3059	3064	3071	rVB	479293	850708	16.69%	1.158%
80	21.398	3078	3082	3087	rVB	145288	231918	4.55%	0.316%
81	21.463	3088	3093	3094	rBV2	245823	346778	6.80%	0.472%
82	21.486	3095	3097	3101	rVV2	343245	535572	10.51%	0.729%
83	21.533	3101	3105	3109	rVV	471031	724583	14.22%	0.986%
84	21.580	3109	3113	3118	rVV3	198201	388824	7.63%	0.529%
85	21.639	3119	3123	3132	rVB2	249773	566574	11.12%	0.771%
86	21.915	3163	3170	3176	rBV2	1520171	3698902	72.57%	5.035%
87	21.980	3177	3181	3188	rVB	1422526	2534421	49.73%	3.450%
88	22.085	3195	3199	3204	rBV2	123265	223775	4.39%	0.305%
89	22.144	3204	3209	3215	rVB3	199968	372725	7.31%	0.507%
90	22.426	3253	3257	3262	rVB4	109338	181250	3.56%	0.247%
91	22.620	3285	3290	3294	rBV	151760	283576	5.56%	0.386%
92	22.702	3294	3304	3311	rVV	553441	1338087	26.25%	1.821%
93	22.773	3311	3316	3325	rVB	367232	735481	14.43%	1.001%
94	22.873	3327	3333	3338	rBV4	171749	407061	7.99%	0.554%
95	22.984	3348	3352	3357	rBV2	203599	367018	7.20%	0.500%
96	23.137	3374	3378	3387	rVB3	158865	364342	7.15%	0.496%
97	24.265	3561	3570	3578	rBV2	640849	2271736	44.57%	3.092%
98	25.041	3694	3702	3714	rVB	548155	1523878	29.90%	2.074%
99	25.193	3720	3728	3742	rVB	737022	2162015	42.42%	2.943%
100	25.358	3747	3756	3763	rBV2	323085	994086	19.50%	1.353%

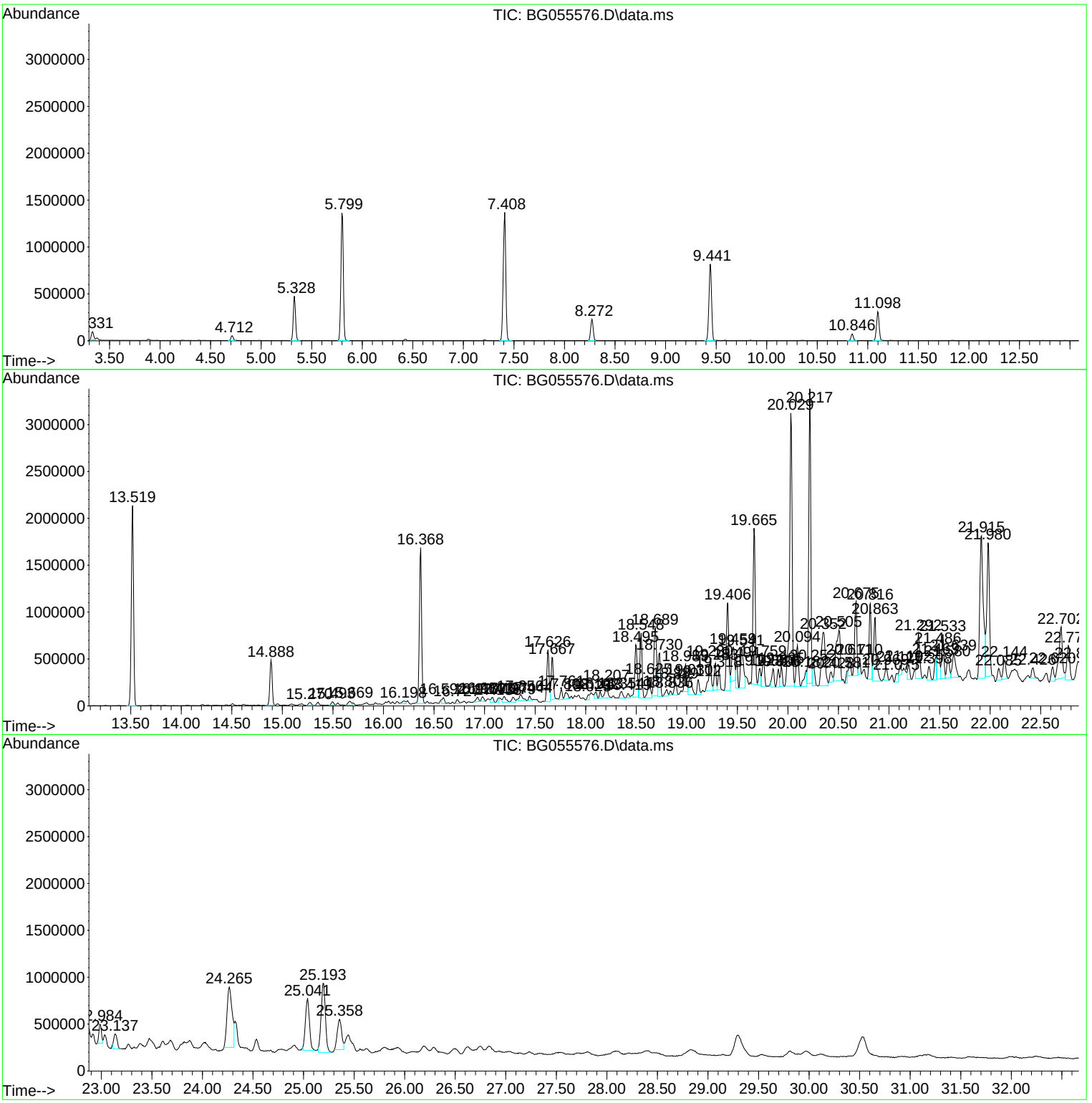
Sum of corrected areas: 73465201

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.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\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

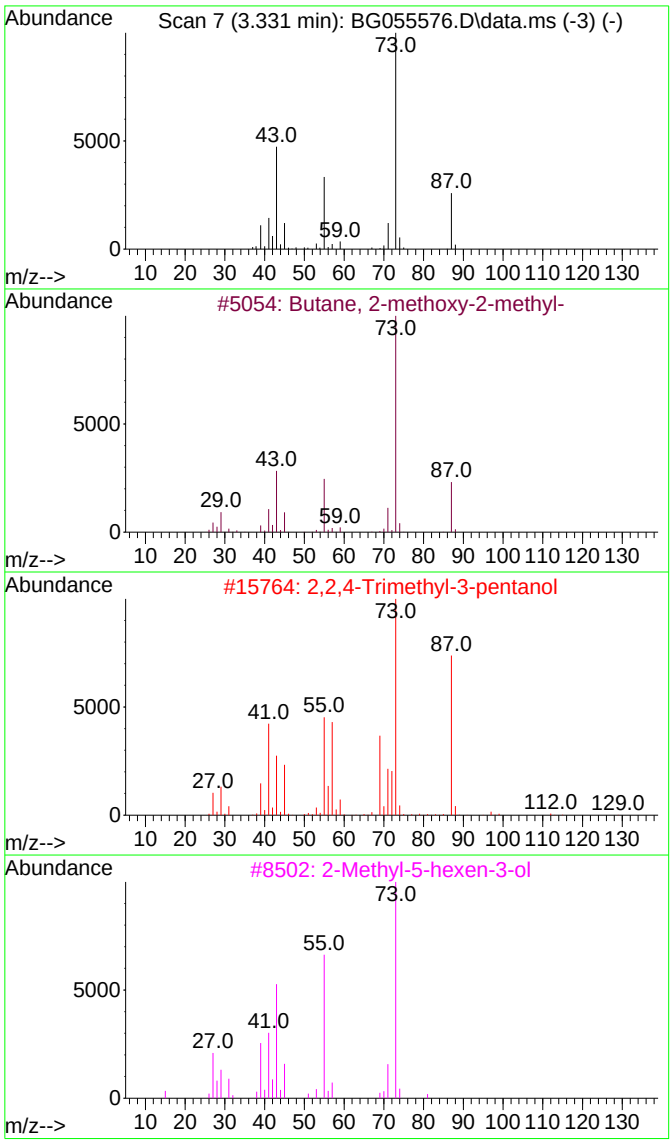
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

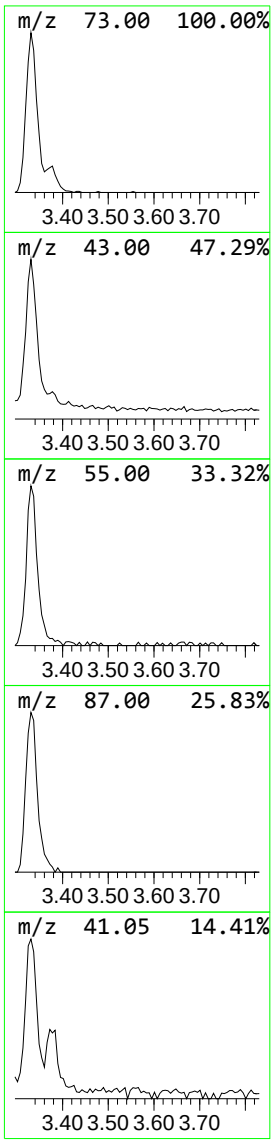
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.331	7.05 ng	135906	1,4-Dichlorobenzene-d4	8.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

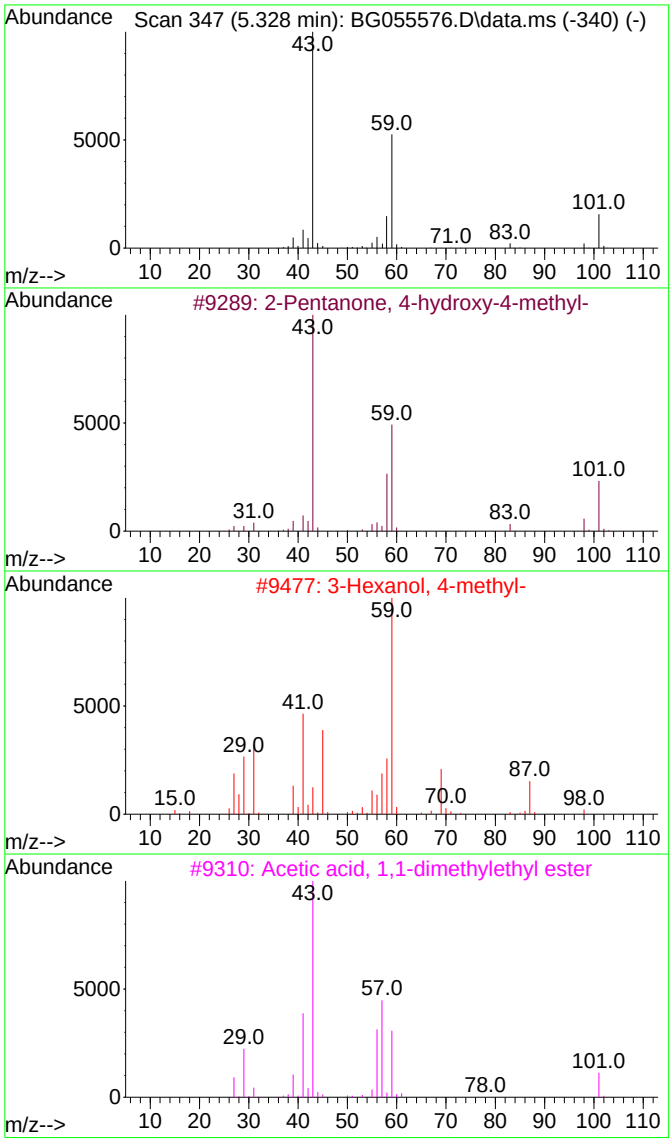
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

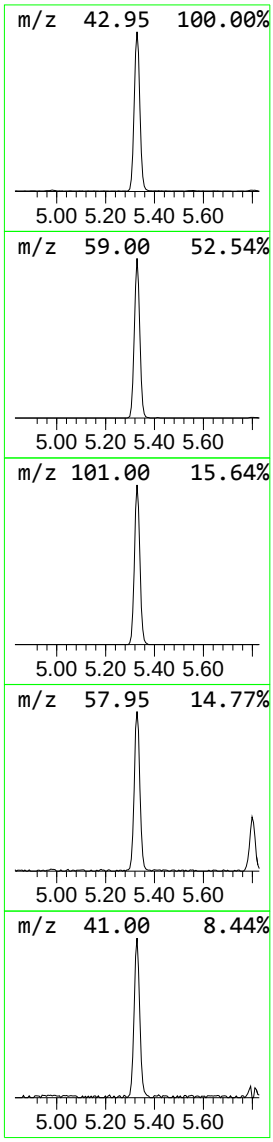
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.328	38.59 ng	743862	1,4-Dichlorobenzene-d4	8.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

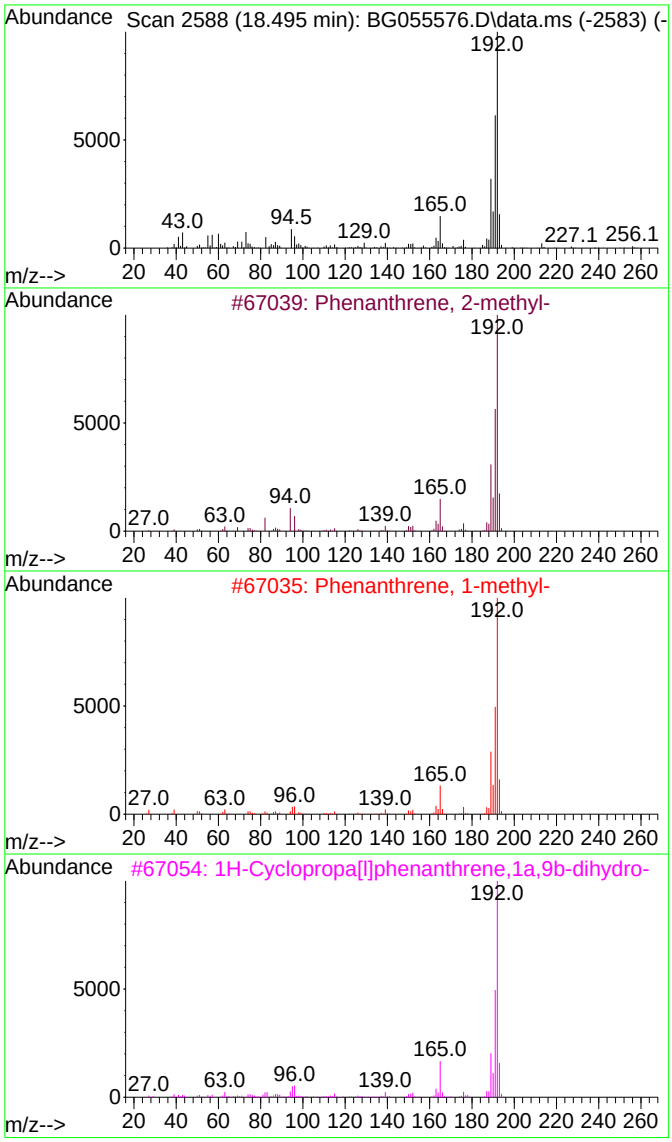
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

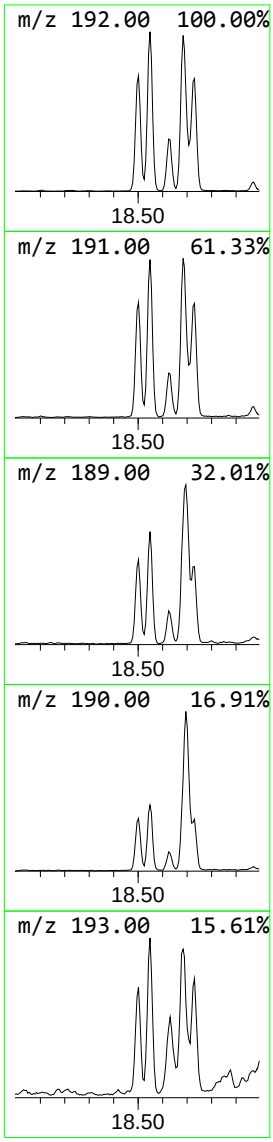
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.495	22.35 ng	971758	Phenanthrene-d10	17.626

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

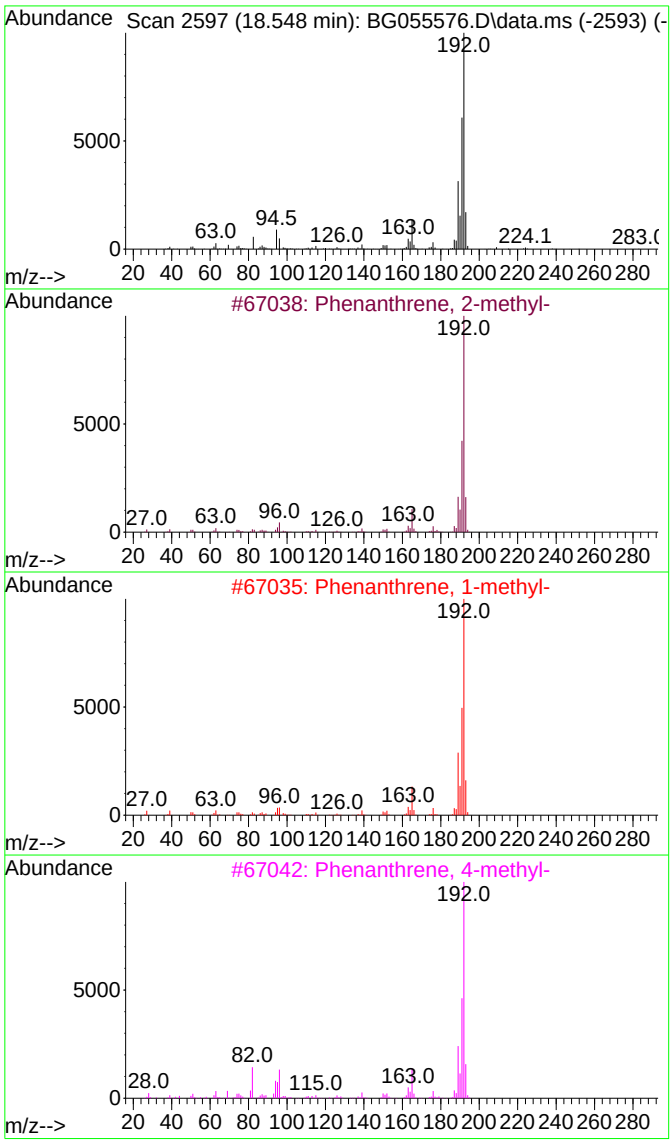
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

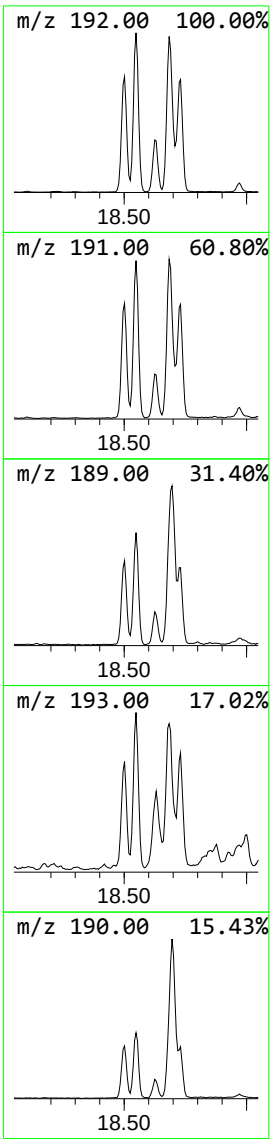
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.548	23.27 ng	1011980	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

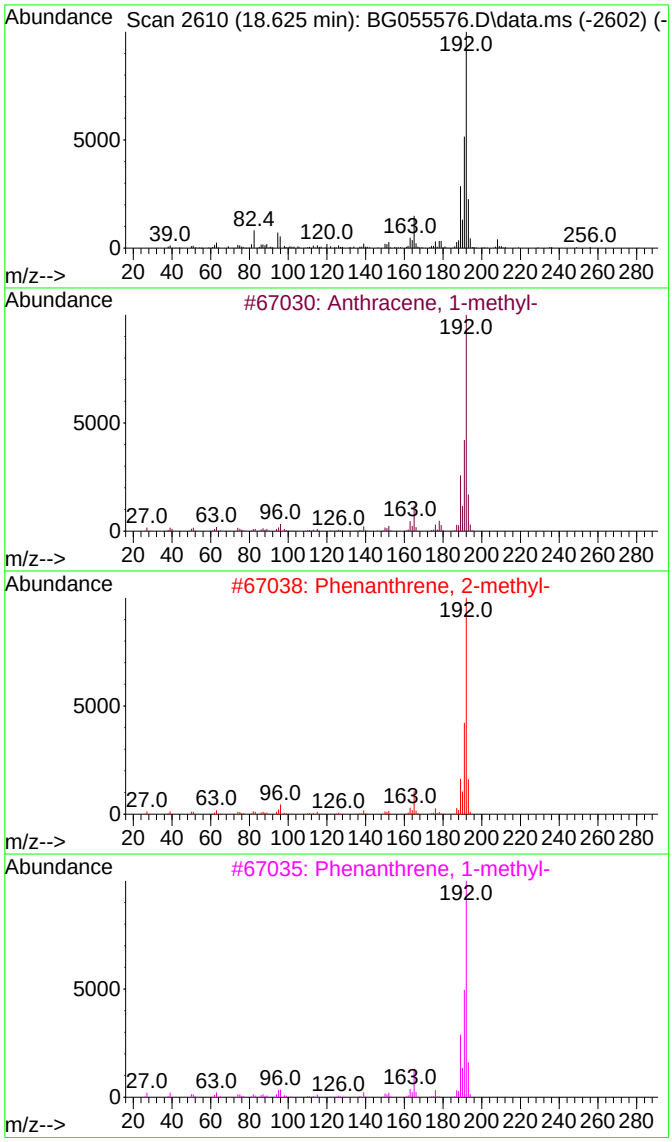
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

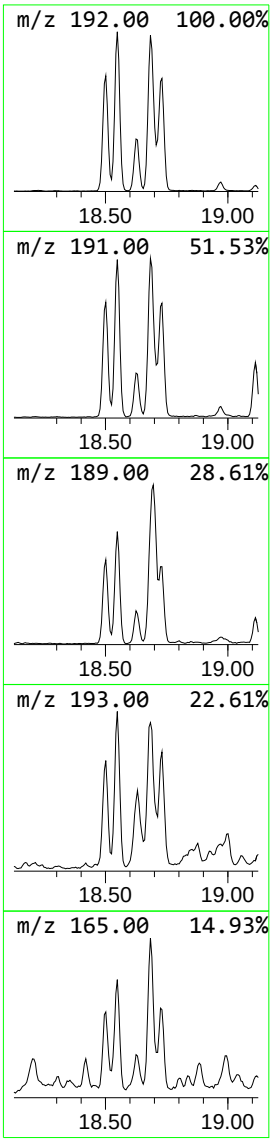
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.625	9.76 ng	424338	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

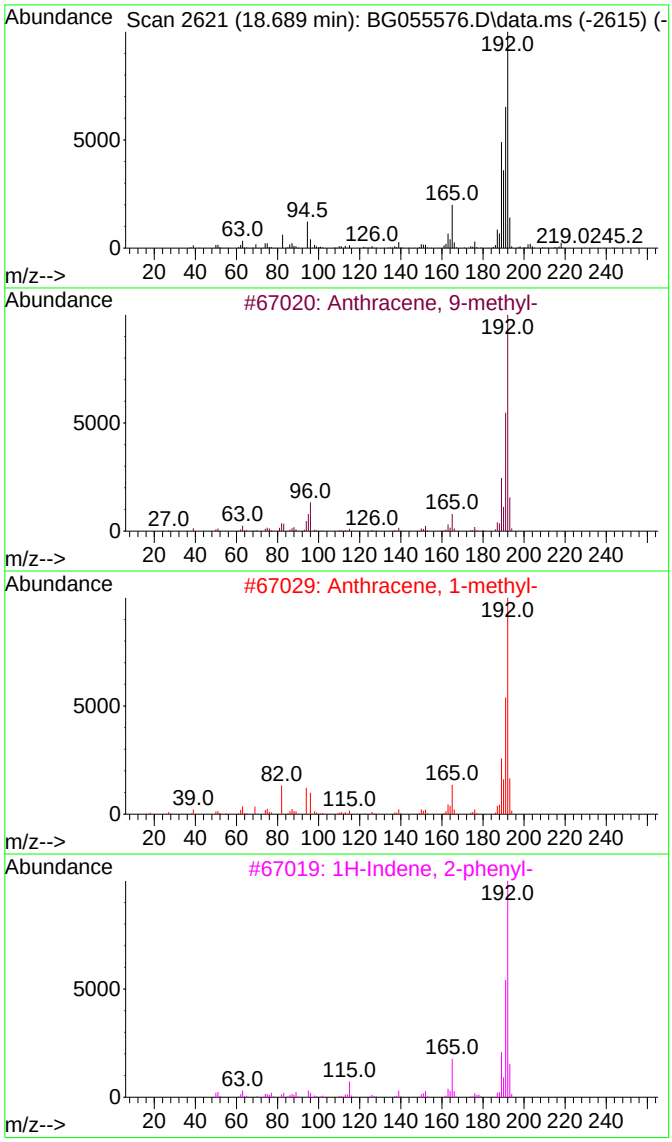
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

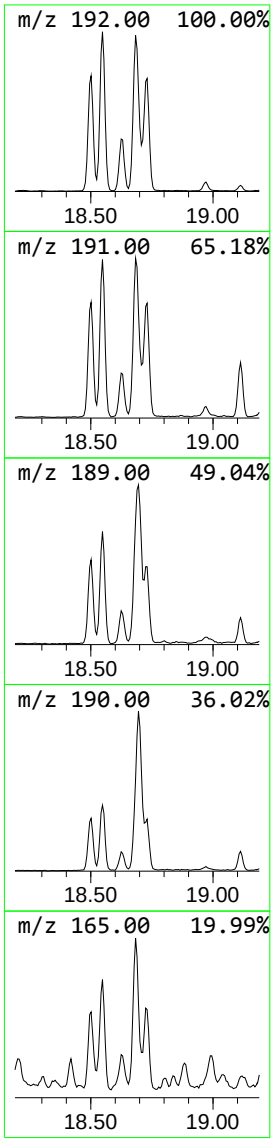
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.689	32.83 ng	1427590	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

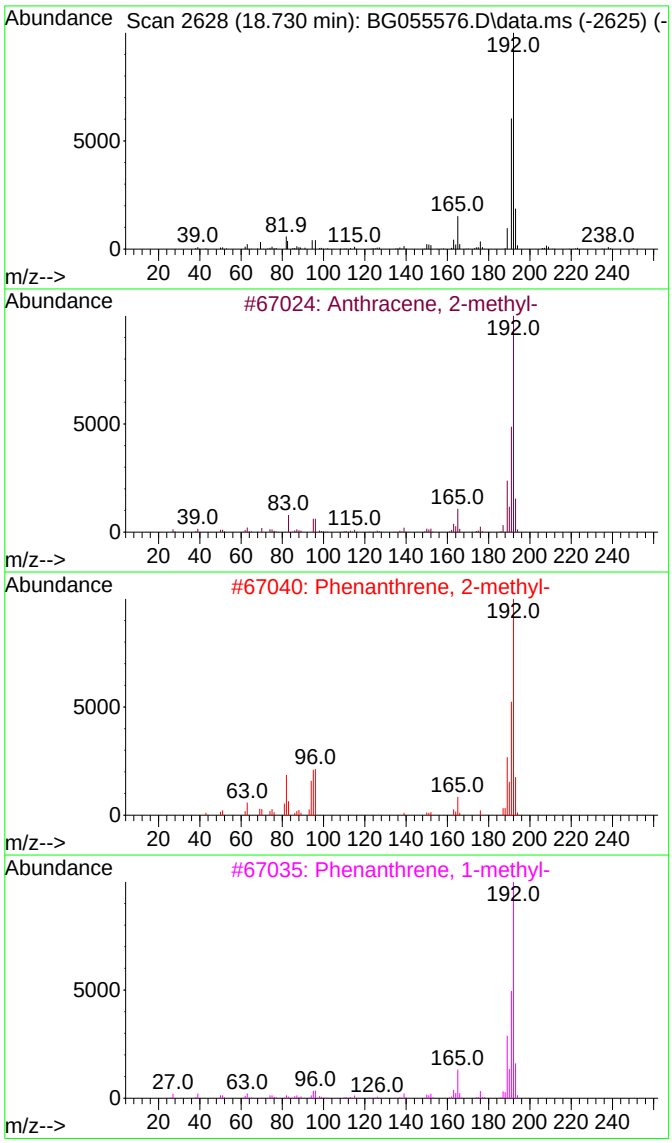
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

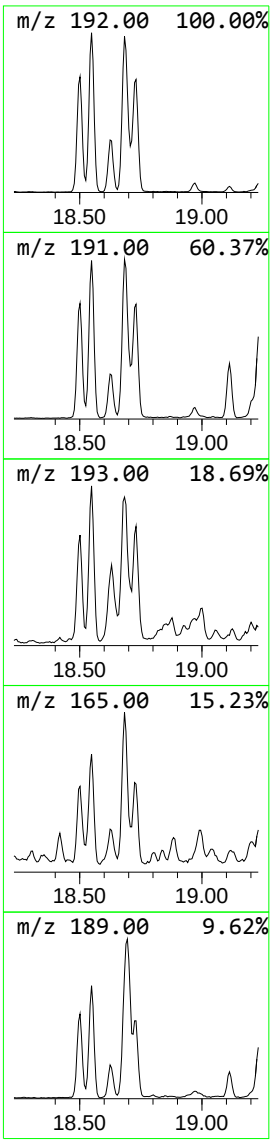
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.730	14.76 ng	641896	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

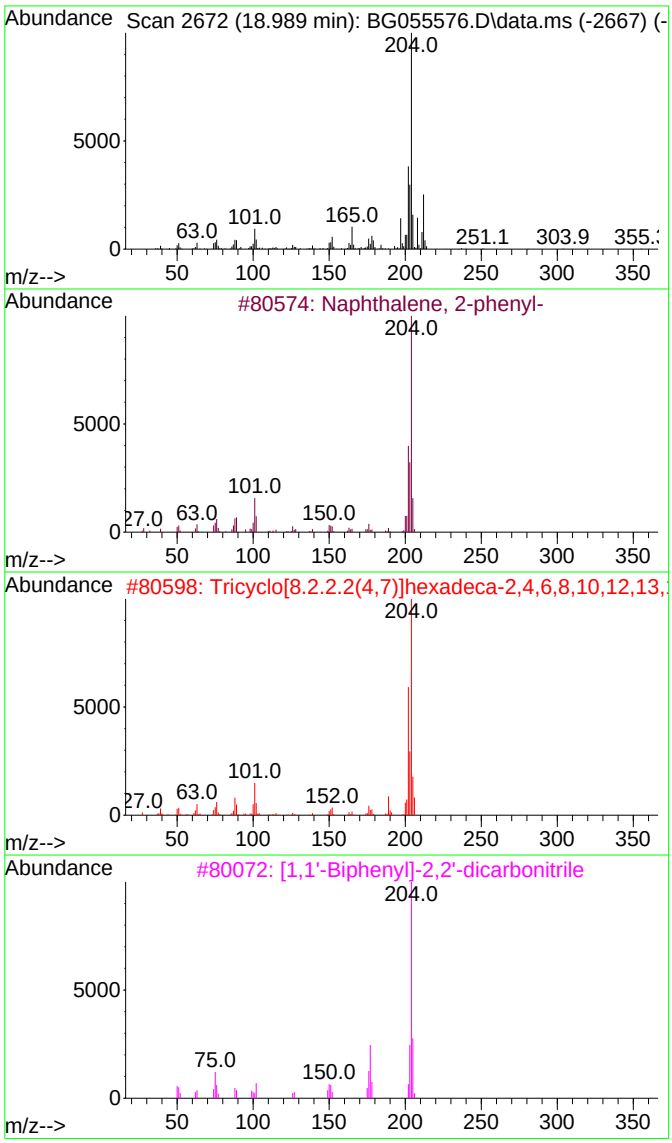
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

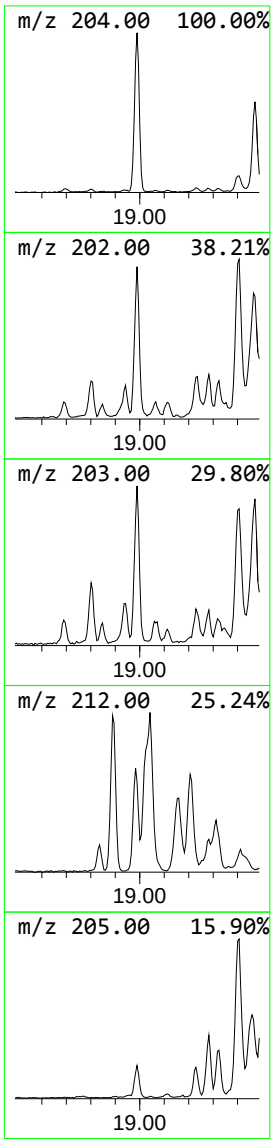
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.989	10.61 ng	461419	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	41
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

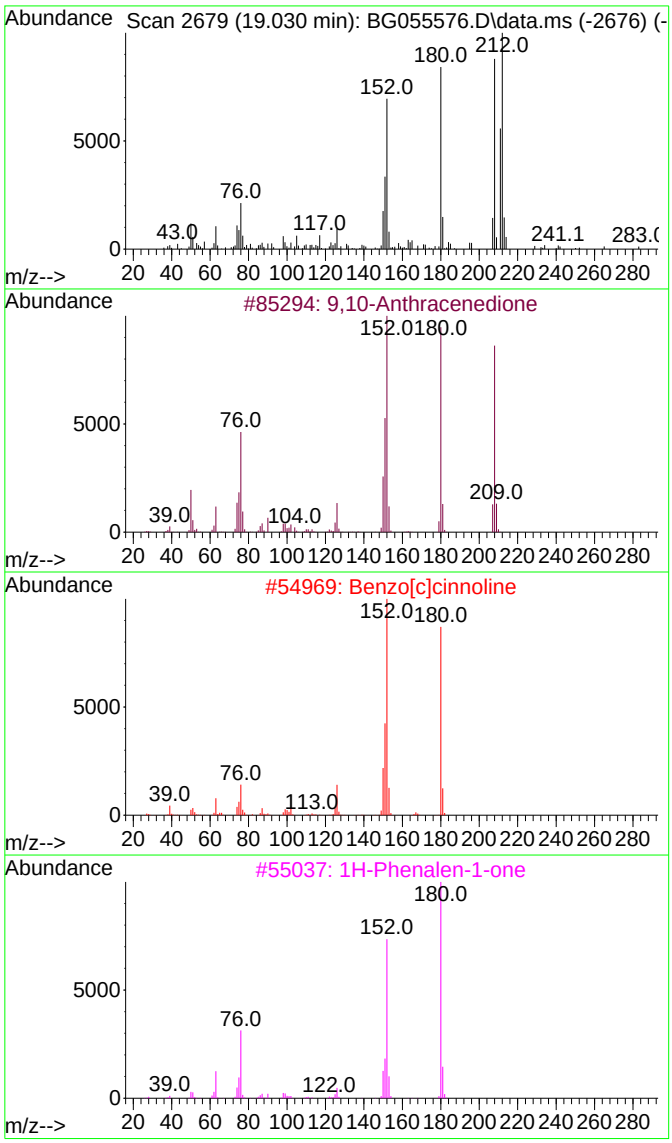
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

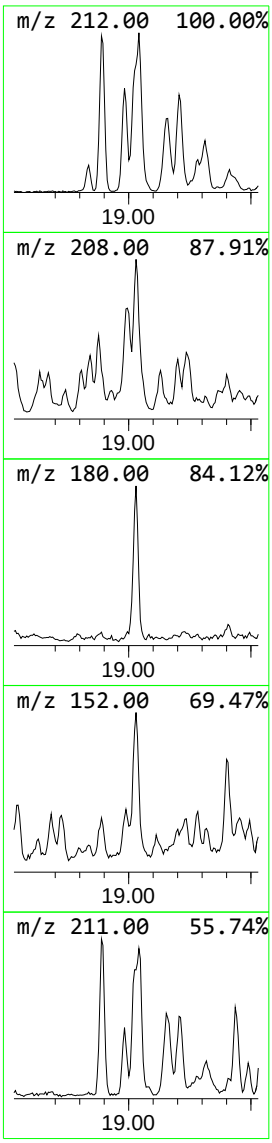
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.030	9.04 ng	393126	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	42
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	38
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	38
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

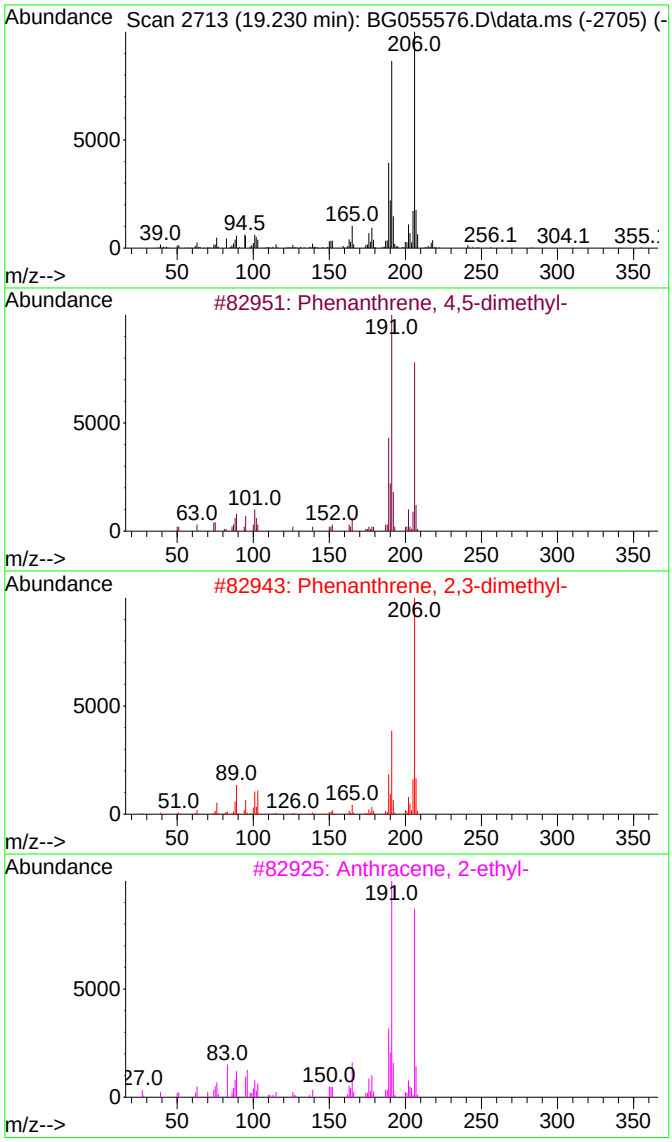
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

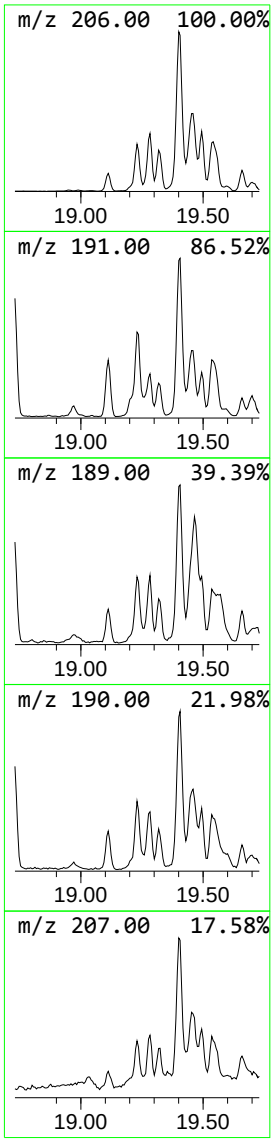
****

Peak Number 10 Phenanthrene, 4,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.230	14.36 ng	624437	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

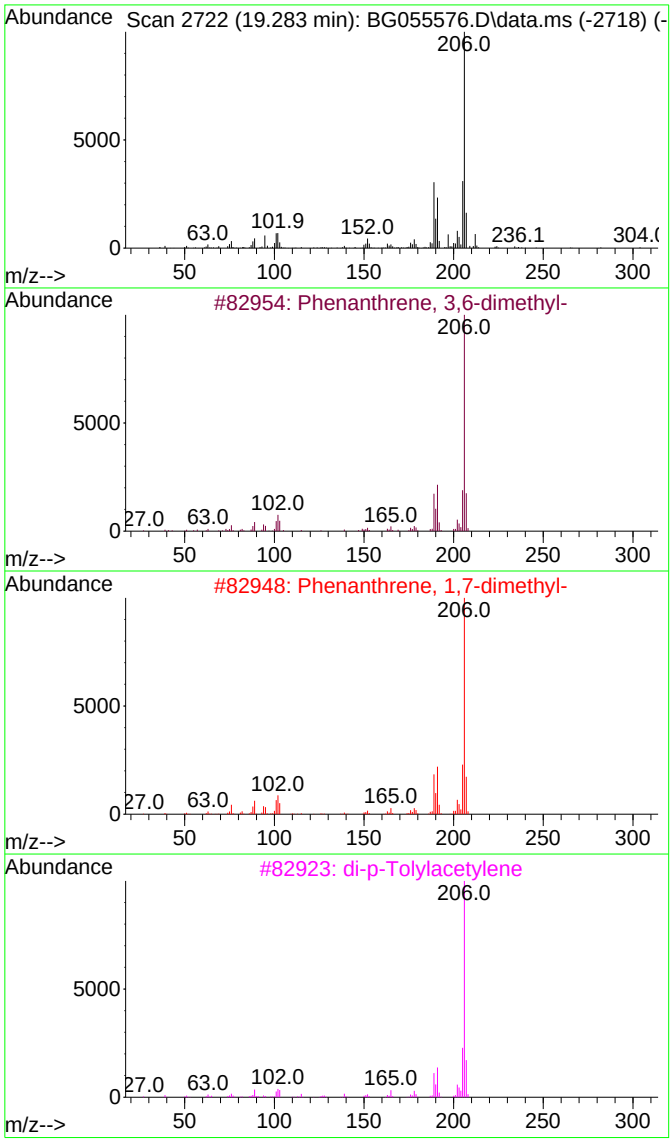
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

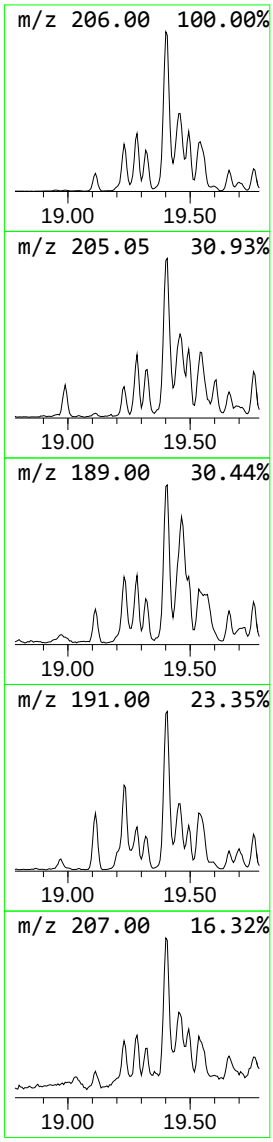
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.283	8.75 ng	380312	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	78
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

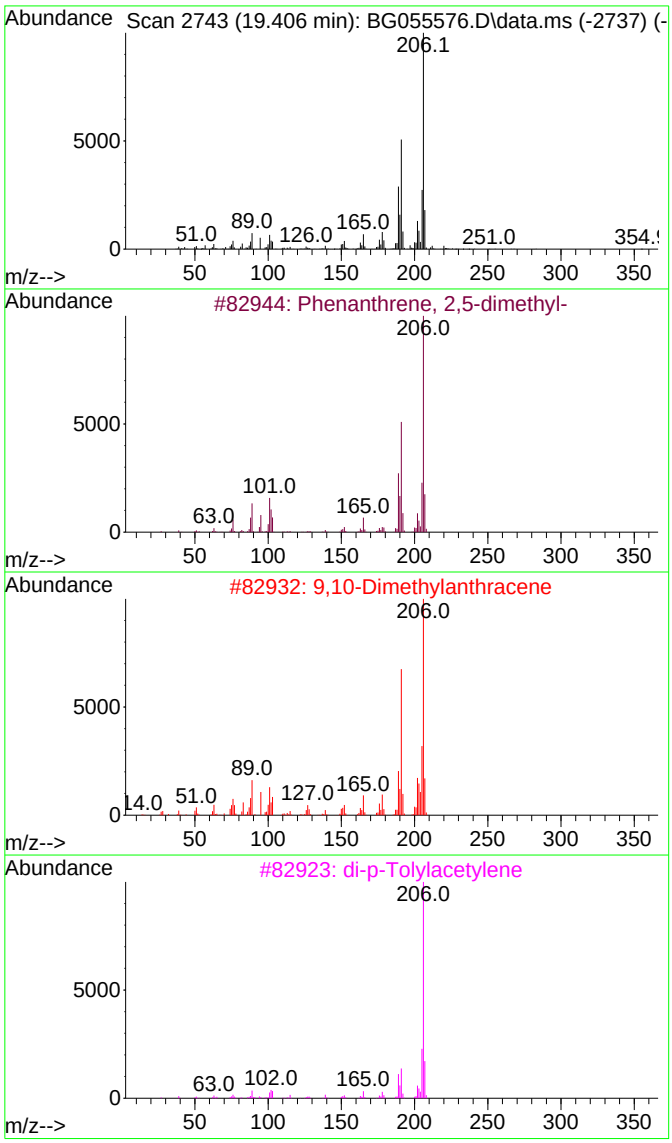
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

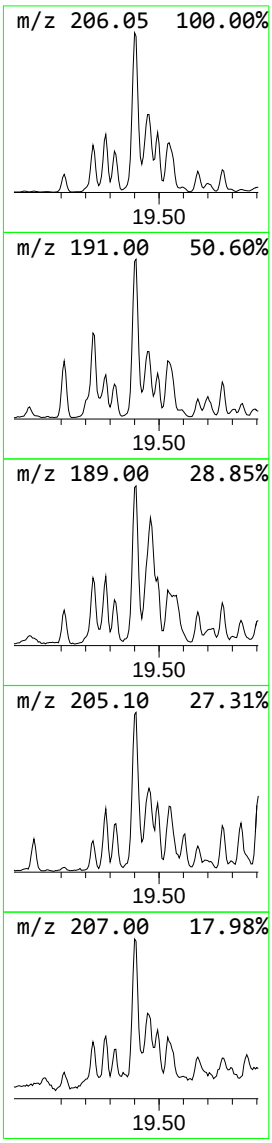
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.406	36.81 ng	1601000	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

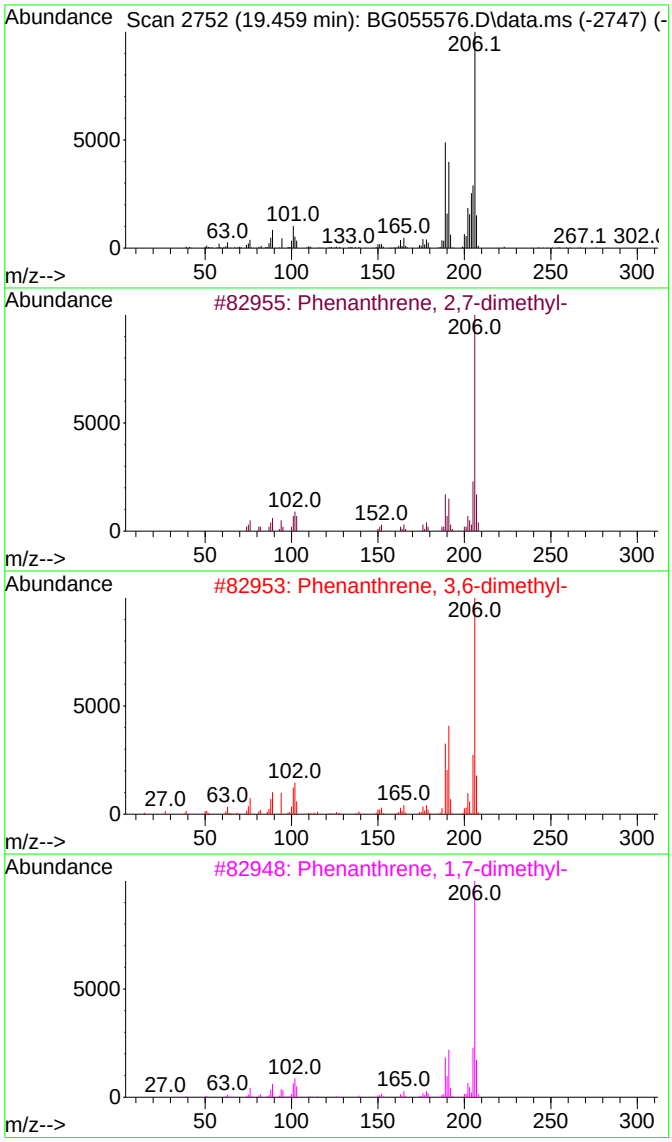
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

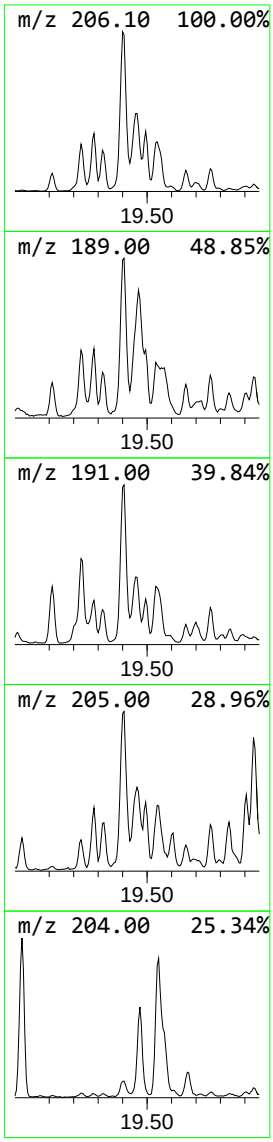
****

Peak Number 13 Phenanthrene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.459	17.07 ng	742247	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	72
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

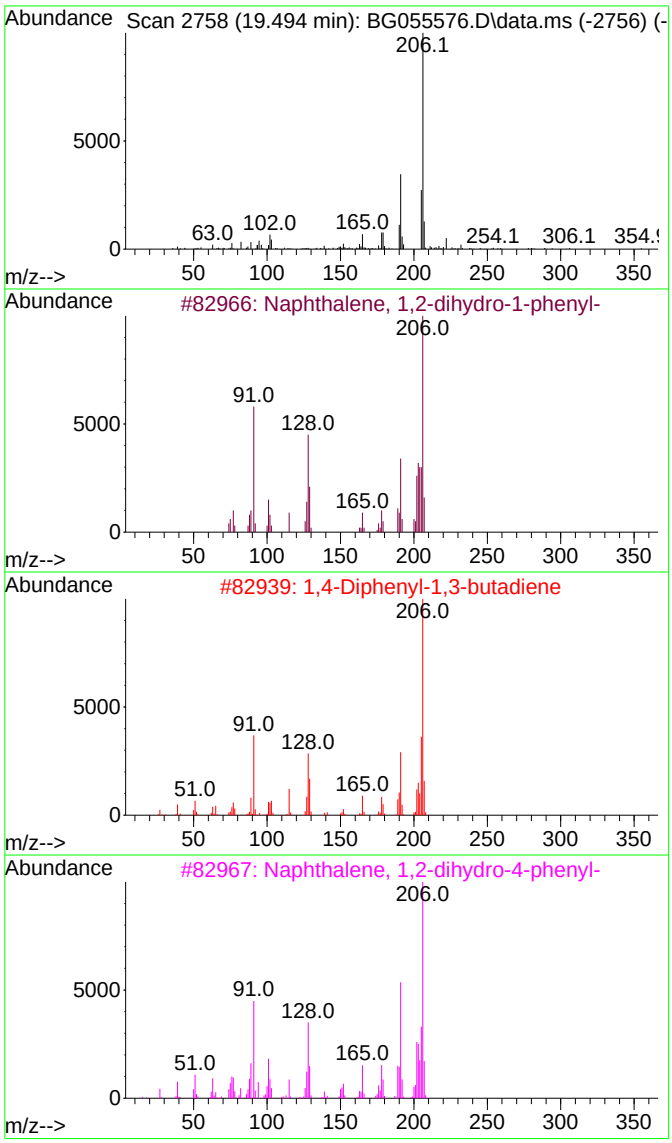
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

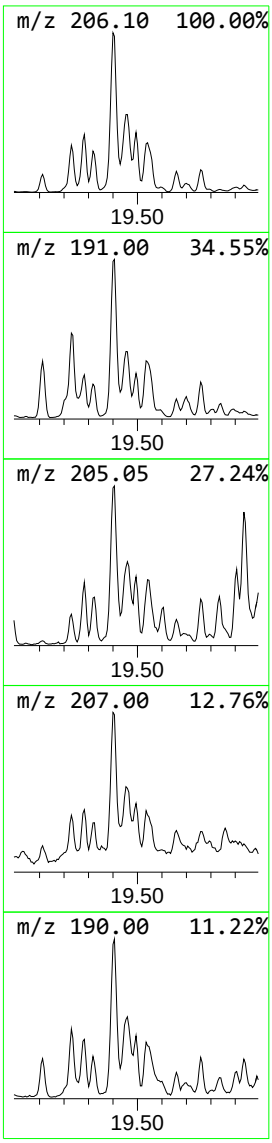
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,2-dihydro-1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.494	6.69 ng	290725	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	91
2	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	91
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
4	1,2-Dihydro-3-phenylnaphthalene	206	C16H14	020669-52-7	72
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

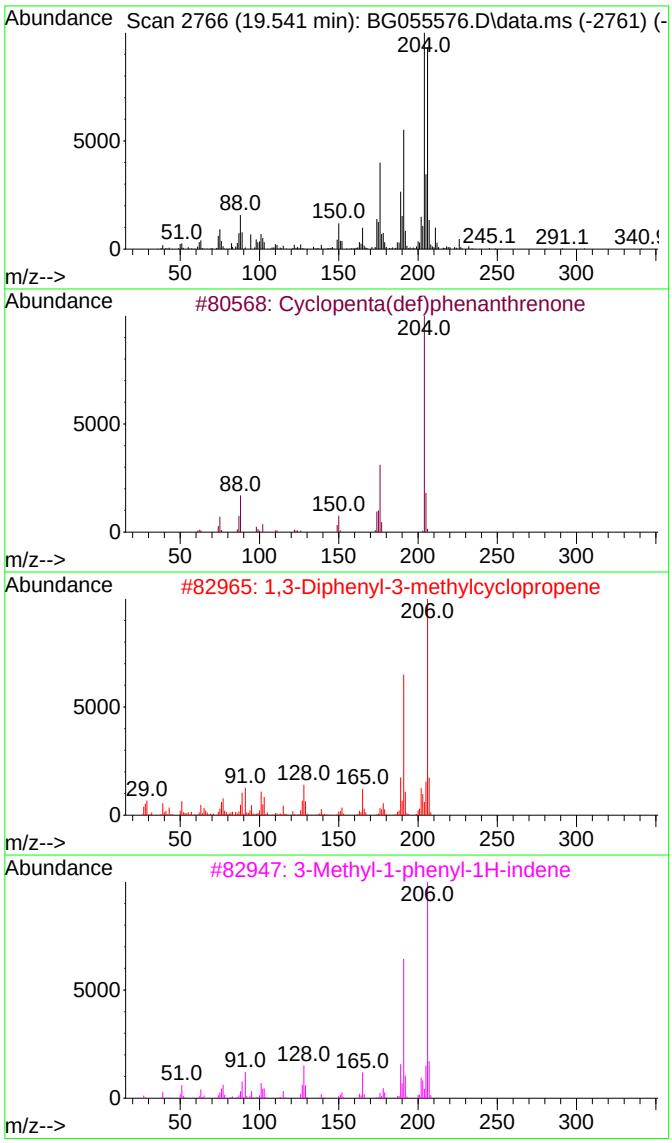
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

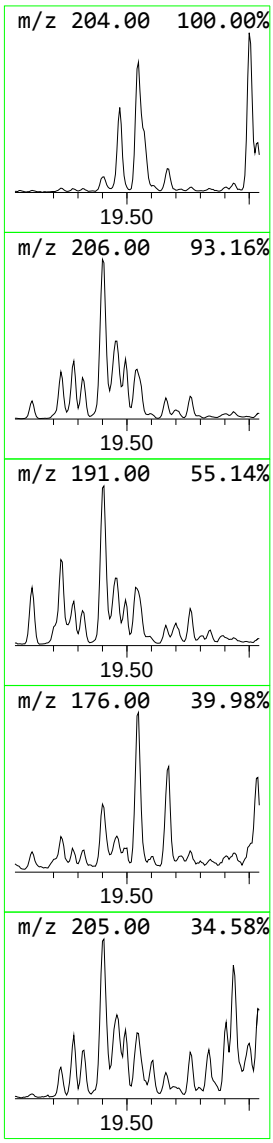
****

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.541	20.98 ng	912482	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	50
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	50
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

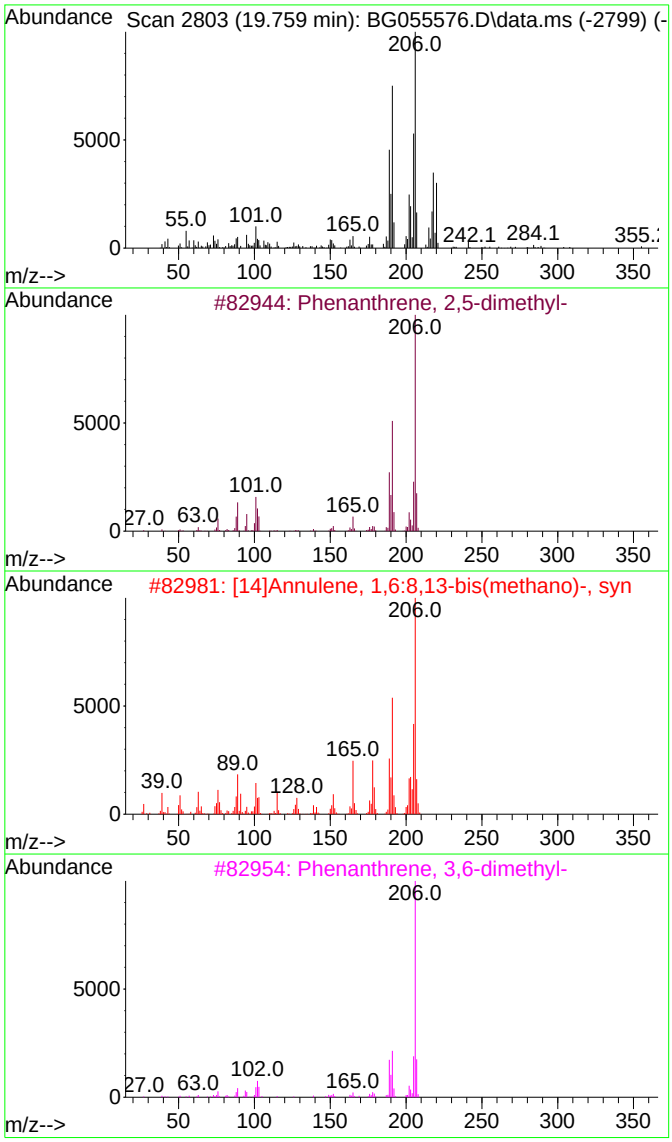
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

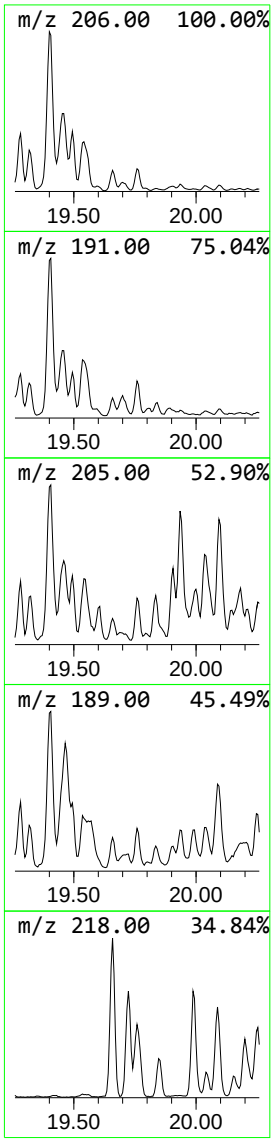
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 [14]Annulene, 1,6:8,13-bis(... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.759	10.85 ng	472035	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	70
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	68
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	62
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

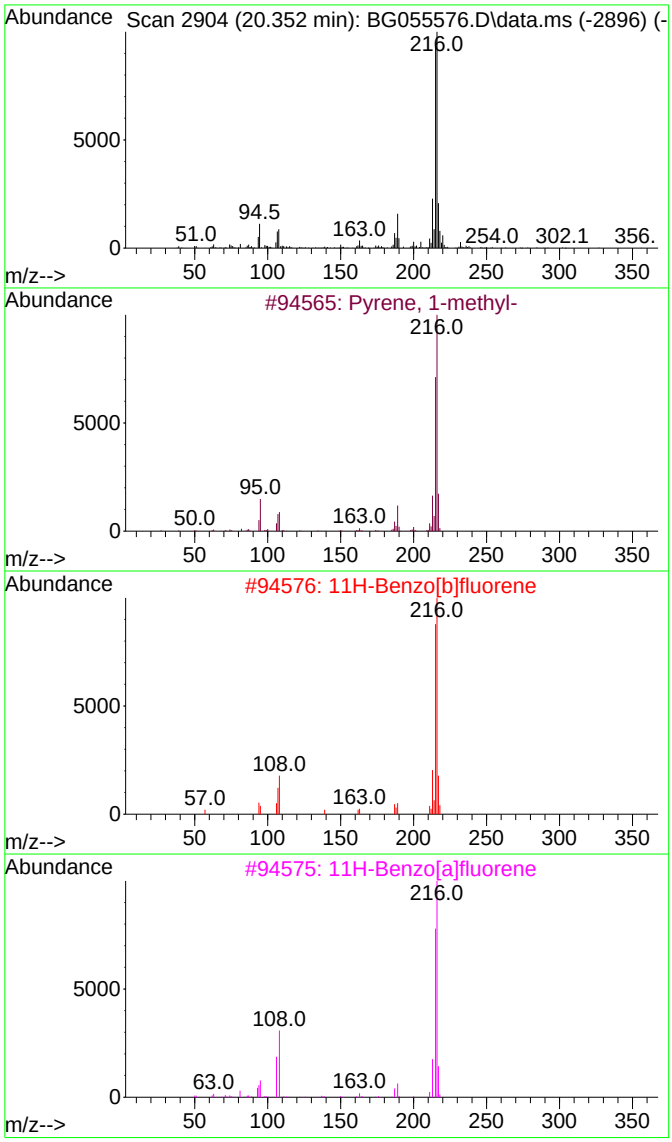
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

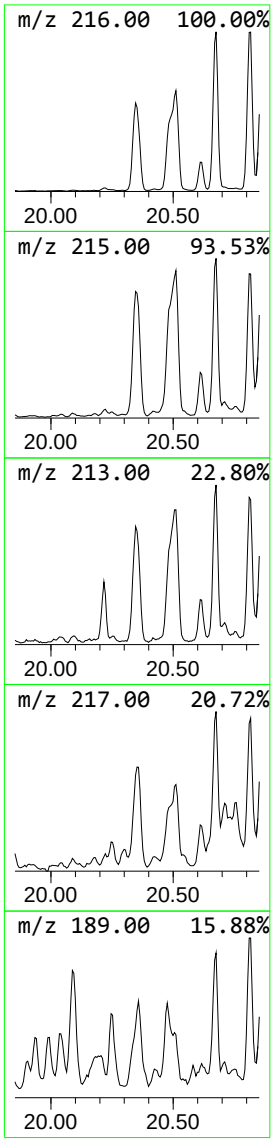
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.352	8.17 ng	1511170	Chrysene-d12	21.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

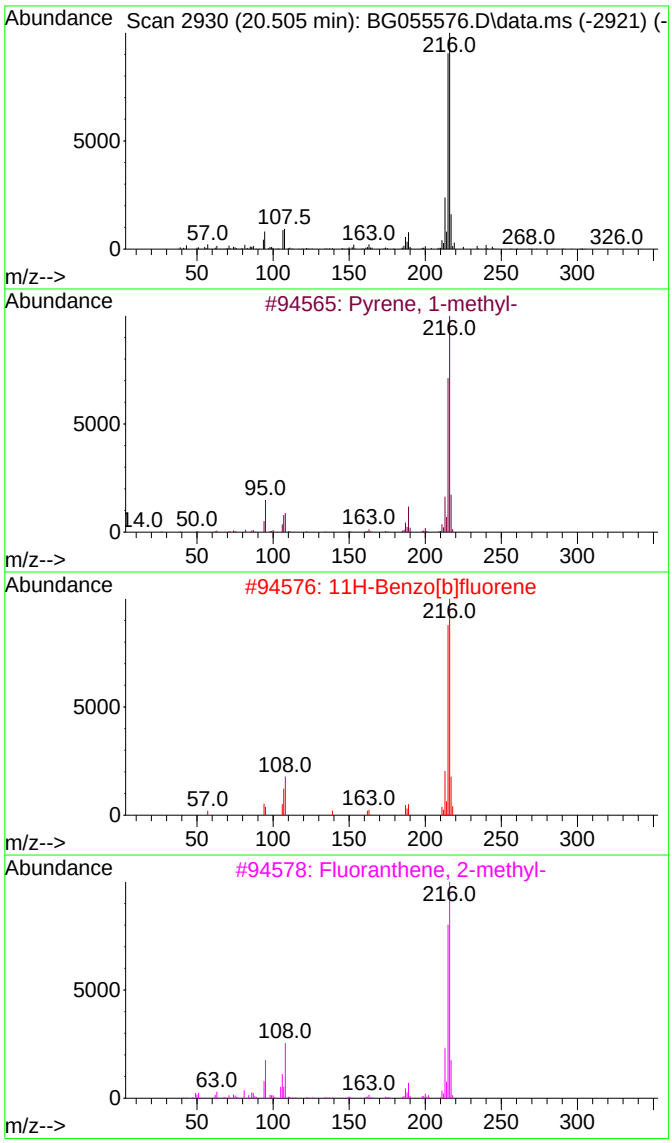
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

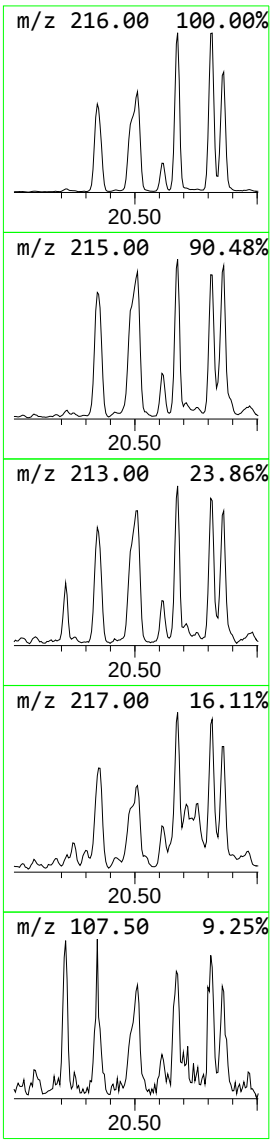
****

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.505	8.44 ng	1561070	Chrysene-d12	21.933

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	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

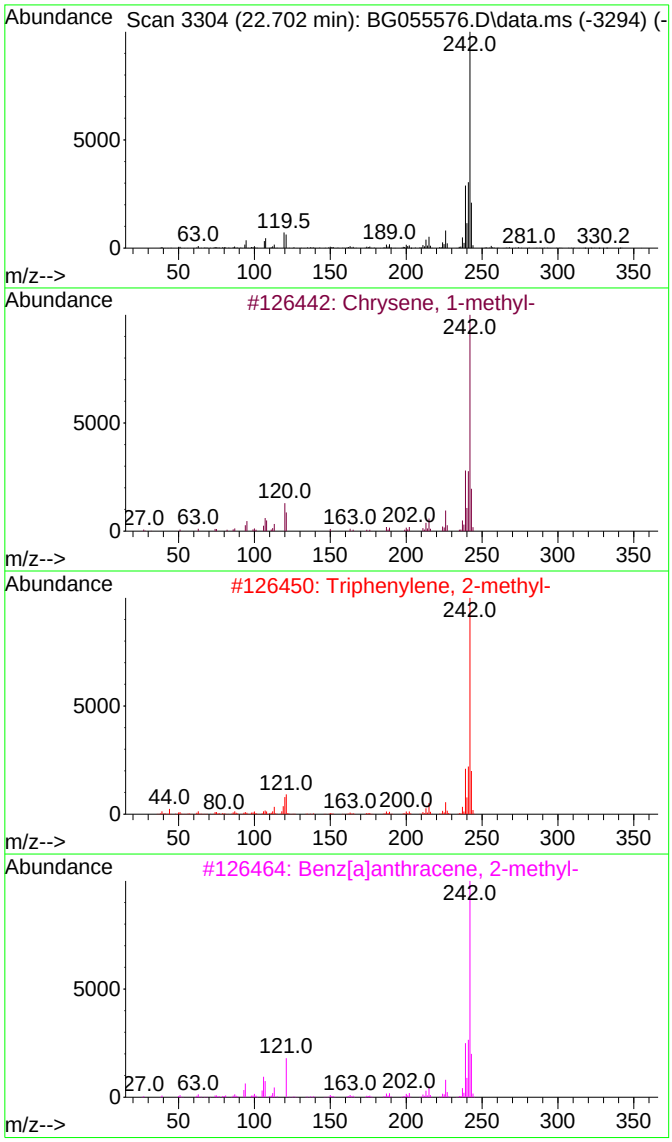
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

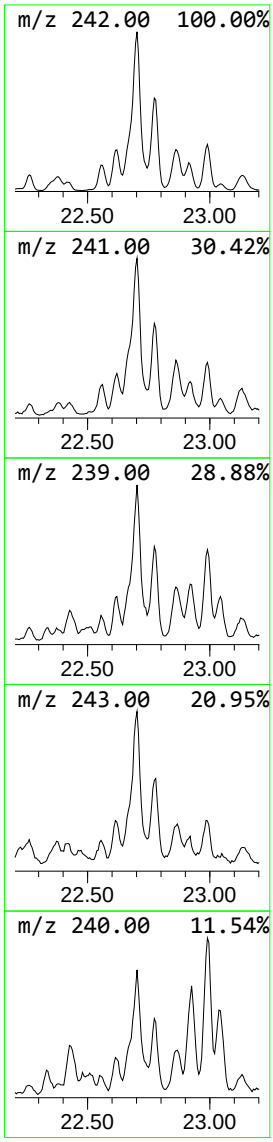
****

Peak Number 19 Chrysene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.702	7.24 ng	1338090	Chrysene-d12	21.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

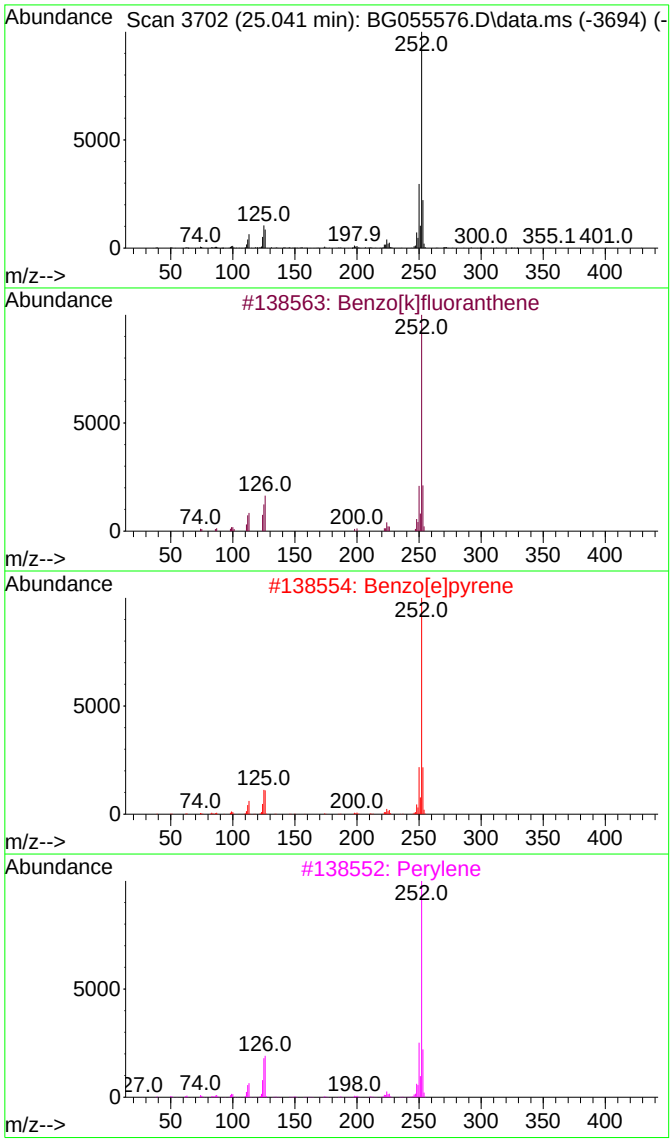
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

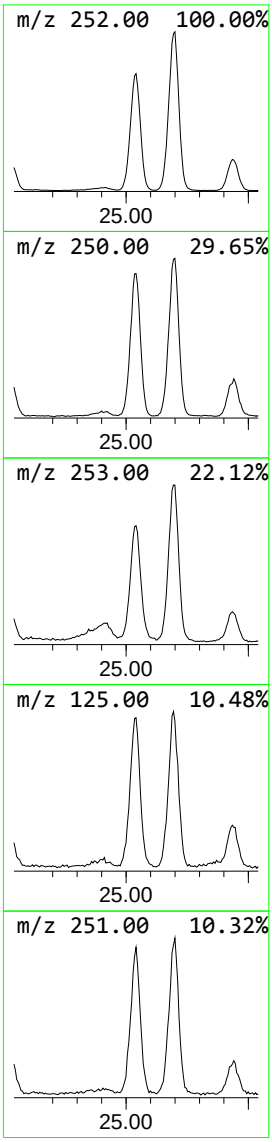
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.041	30.66 ng	1523880	Perylene-d12	25.358

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055576.D
Acq On : 11 Nov 2022 21:35
Operator : CG/JU
Sample : N5531-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.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...	3.331	7.0	ng	135906	1	8.272	385500	20.0
2-Pentanone, 4-...	5.328	38.6	ng	743862	1	8.272	385500	20.0
Phenanthrene, 2...	18.495	22.4	ng	971758	4	17.626	869759	20.0
Phenanthrene, 1...	18.548	23.3	ng	1011980	4	17.626	869759	20.0
Anthracene, 1-m...	18.625	9.8	ng	424338	4	17.626	869759	20.0
Anthracene, 9-m...	18.689	32.8	ng	1427590	4	17.626	869759	20.0
Anthracene, 2-m...	18.730	14.8	ng	641896	4	17.626	869759	20.0
Naphthalene, 2-...	18.989	10.6	ng	461419	4	17.626	869759	20.0
9,10-Anthracene...	19.030	9.0	ng	393126	4	17.626	869759	20.0
Phenanthrene, 4...	19.230	14.4	ng	624437	4	17.626	869759	20.0
Phenanthrene, 3...	19.283	8.8	ng	380312	4	17.626	869759	20.0
Phenanthrene, 2...	19.406	36.8	ng	1601000	4	17.626	869759	20.0
Phenanthrene, 2...	19.459	17.1	ng	742247	4	17.626	869759	20.0
Naphthalene, 1,...	19.494	6.7	ng	290725	4	17.626	869759	20.0
Cyclopenta(def)...	19.541	21.0	ng	912482	4	17.626	869759	20.0
[14]Annulene, 1...	19.759	10.9	ng	472035	4	17.626	869759	20.0
Pyrene, 1-methyl-	20.352	8.2	ng	1511170	5	21.933	3698900	20.0
11H-Benzo[b]flu...	20.505	8.4	ng	1561070	5	21.933	3698900	20.0
Chrysene, 1-met...	22.702	7.2	ng	1338090	5	21.933	3698900	20.0
Benzo[e]pyrene	25.041	30.7	ng	1523880	6	25.358	994086	20.0