LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB-25-(1-3)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056017.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.401	14	19	26	rBV	22541	33660	4.87%	0.514%
2	5.411	356	361	367	rBB	14989	21537	3.11%	0.329%
3	5.887	435	442	449	rBB	116422	179520	25.95%	2.742%
4	7.497	709	716	723	rBB	116074	196183	28.36%	2.996%
5	8.366	858	864	870	rBV	32429	51843	7.49%	0.792%
6	9.541	1056	1064	1070	rBB	70704	124405	17.98%	1.900%
7	11.198	1339	1346	1353	rBV	40577	73204	10.58%	1.118%
8	13.601	1748	1755	1762	rBB	244708	365037	52.77%	5.575%
9	14.976	1983	1989	1995	rVV	77826	121941	17.63%	1.862%
10	16.010	2160	2165	2171	rBV4	4684	7756	1.12%	0.118%
11	16.310	2210	2216	2224	rVB5	3716	7665	1.11%	0.117%
12	16.451	2233	2240	2247	rVB	291144	446916	64.60%	6.825%
13	17.362	2388	2395	2401	rBV3	9292	15676	2.27%	0.239%
14	17.526	2419	2423	2430	rVB	8500	12777	1.85%	0.195%
15	17.708	2447	2454	2458	rBV	111793	175474	25.36%	2.680%
16	17.755	2458	2462	2468	rVB	116945	172193	24.89%	2.630%
17	17.843	2468	2477	2481	rBV	19338	30962	4.48%	0.473%
18	18.020	2502	2507	2511	rVB3	5561	9988	1.44%	0.153%
19	18.225	2537	2542	2546	rBV	9815	12929	1.87%	0.197%
20	18.290	2546	2553	2559	rVB	16565	27034	3.91%	0.413%
21	18.437	2573	2578	2583	rVB	5876	11285	1.63%	0.172%
22	18.501	2584	2589	2594	rBV2	7156	10970	1.59%	0.168%
23	18.578	2594	2602	2606	rVV2	50163	113095	16.35%	1.727%
24	18.625	2606	2610	2616	rVB	48762	75975	10.98%	1.160%
25	18.707	2618	2624	2628	rBV3	10359	14825	2.14%	0.226%
26	18.766	2628	2634	2638	rVV2	59188	111664	16.14%	1.705%
27	18.807	2638	2641	2647	rVB	48614	64810	9.37%	0.990%
28	18.971	2663	2669	2673	rBV5	4912	9789	1.41%	0.149%
29	19.065	2679	2685	2688	rBV	41705	57286	8.28%	0.875%
30	19.107	2688	2692	2702	rVB2	38110	64699	9.35%	0.988%
31	19.189	2702	2706	2711	rBV5	6217	12211	1.77%	0.186%
32	19.306	2716	2726	2730	rBV4	17374	30743	4.44%	0.469%
33	19.353	2730	2734	2738	rBV	12499	14077	2.03%	0.215%
34	19.394	2738	2741	2748	rVB4	12986	18952	2.74%	0.289%
35	19.477	2748	2755	2760	rBV	39076	64831	9.37%	0.990%
36	19.536	2760	2765	2768	rBV3	10620	20394	2.95%	0.311%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.618	2774	2779	2785	rBV2	34157	61198	8.85%	0.935%
38	19.700	2790	2793	2795	rBV3	6415	7973	1.15%	0.122%
39	19.741	2795	2800	2805	rVB	173380	253605	36.66%	3.873%
40	19.794	2805	2809	2810	rBV	13601	16192	2.34%	0.247%
41	19.929	2827	2832	2836	rVB3	20019	28214	4.08%	0.431%
42	19.982	2836	2841	2849	rVV3	8281	21662	3.13%	0.331%
43	20.105	2851	2862	2867	rVV	255866	408202	59.00%	6.234%
44	20.164	2867	2872	2877	rVB4	14552	22699	3.28%	0.347%
45	20.288	2887	2893	2897	rBV	530931	691814	100.00%	10.565%
46	20.323	2897	2899	2906	rVB4	10161	13267	1.92%	0.203%
47	20.429	2908	2917	2923	rBV3	28655	74431	10.76%	1.137%
48	20.499	2923	2929	2930	rBV5	4575	7385	1.07%	0.113%
49	20.570	2933	2941	2948	rVB2	28545	79277	11.46%	1.211%
50	20.687	2958	2961	2965	rVB2	7321	7923	1.15%	0.121%
51	20.746	2965	2971	2975	rBV	41269	59944	8.66%	0.915%
52	20.887	2990	2995	2999	rBV	33383	47676	6.89%	0.728%
53	20.934	2999	3003	3012	rVB	34981	54093	7.82%	0.826%
54	21.181	3042	3045	3050	rVB5	6841	10858	1.57%	0.166%
55	21.269	3058	3060	3065	rVB6	7737	10247	1.48%	0.156%
56	21.369	3072	3077	3084	rVB	43608	73439	10.62%	1.122%
57	21.480	3092	3096	3101	rVB5	6209	10348	1.50%	0.158%
58	21.545	3101	3107	3110	rBV2	19581	39402	5.70%	0.602%
59	21.610	3114	3118	3124	rVV3	48019	88704	12.82%	1.355%
60	21.662	3124	3127	3132	rVV2	16135	27088	3.92%	0.414%
61	21.721	3132	3137	3147	rVB2	27023	55826	8.07%	0.853%
62	21.874	3158	3163	3168	rVB4	7180	13650	1.97%	0.208%
63	22.015	3178	3187	3192	rBV3	151959	419373	60.62%	6.404%
64	22.068	3192	3196	3204	rVB	98300	172614	24.95%	2.636%
65	22.238	3221	3225	3230	rBV6	7809	11989	1.73%	0.183%
66	22.303	3230	3236	3241	rBV5	7772	20289	2.93%	0.310%
67	22.456	3258	3262	3265	rBV5	4711	8414	1.22%	0.128%
68	22.514	3270	3272	3276	rVB5	5717	7475	1.08%	0.114%
69	22.714	3302	3306	3312	rBV5	7535	13857	2.00%	0.212%
70	22.802	3312	3321	3327	rVV2	27113	68043	9.84%	1.039%
71	22.879	3329	3334	3341	rVB2	21776	43648	6.31%	0.667%
72	22.973	3346	3350	3356	rBV5	7864	17901	2.59%	0.273%
73	23.096	3366	3371	3375	rBV2	10674	18826	2.72%	0.288%
74	23.255	3393	3398	3407	rVB5	9505	20514	2.97%	0.313%
75	23.819	3490	3494	3501	rVB8	9498	22725	3.28%	0.347%
76	23.948	3511	3516	3521	rBV4	5173	9265	1.34%	0.141%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.389	3582	3591	3600	rBV3	41155	153253	22.15%	2.340%
78	25.188	3717	3727	3738	rBV2	29445	86923	12.56%	1.327%
79	25.346	3741	3754	3768	rVB	37191	125111	18.08%	1.911%
80	25.517	3772	3783	3792	rBV3	76863	242097	34.99%	3.697%
81	29.524	4454	4465	4475	rBV3	13474	58252	8.42%	0.890%
82	30.775	4669	4678	4697	rVB3	12095	60129	8.69%	0.918%

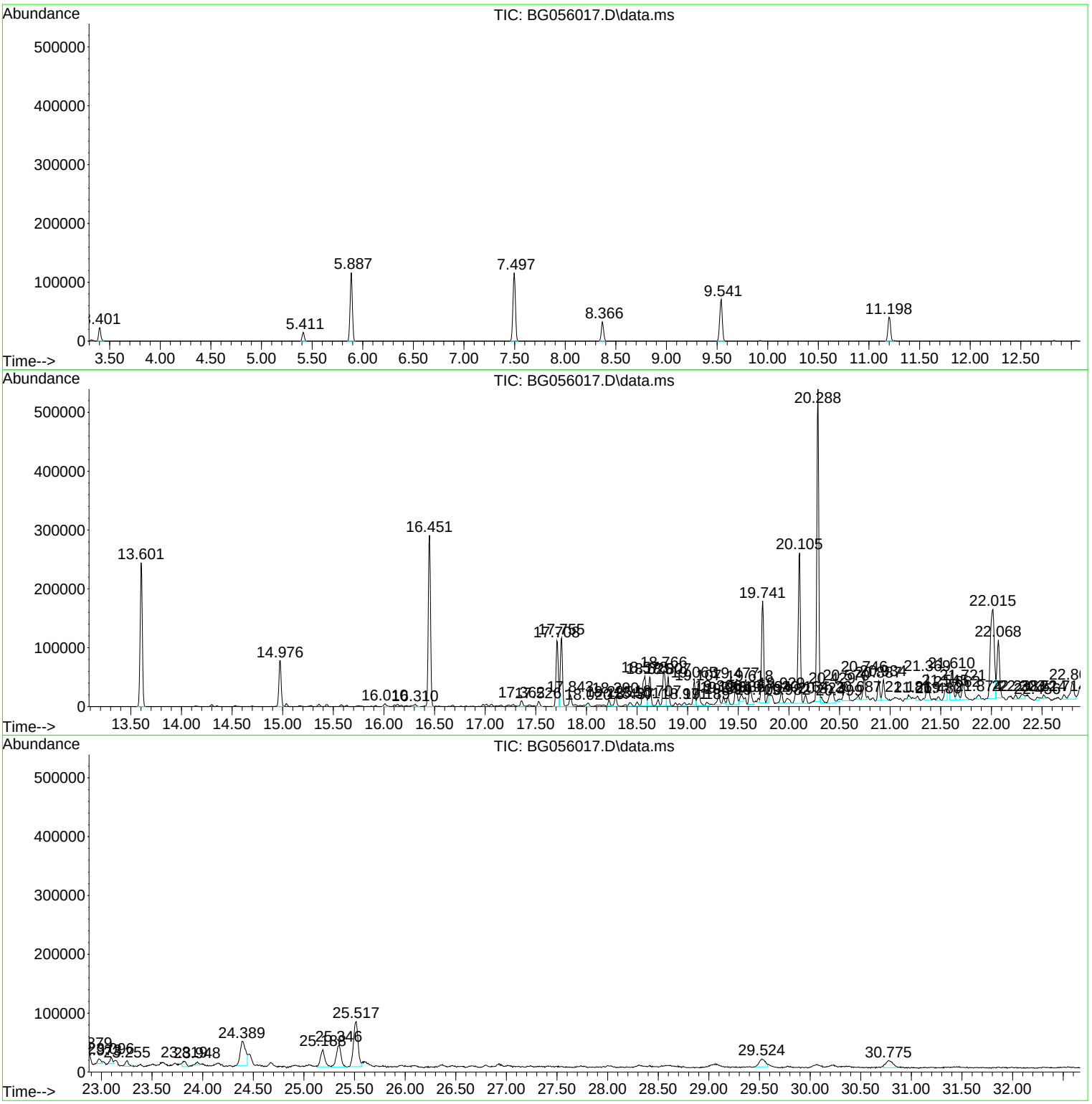
Sum of corrected areas: 6548121

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

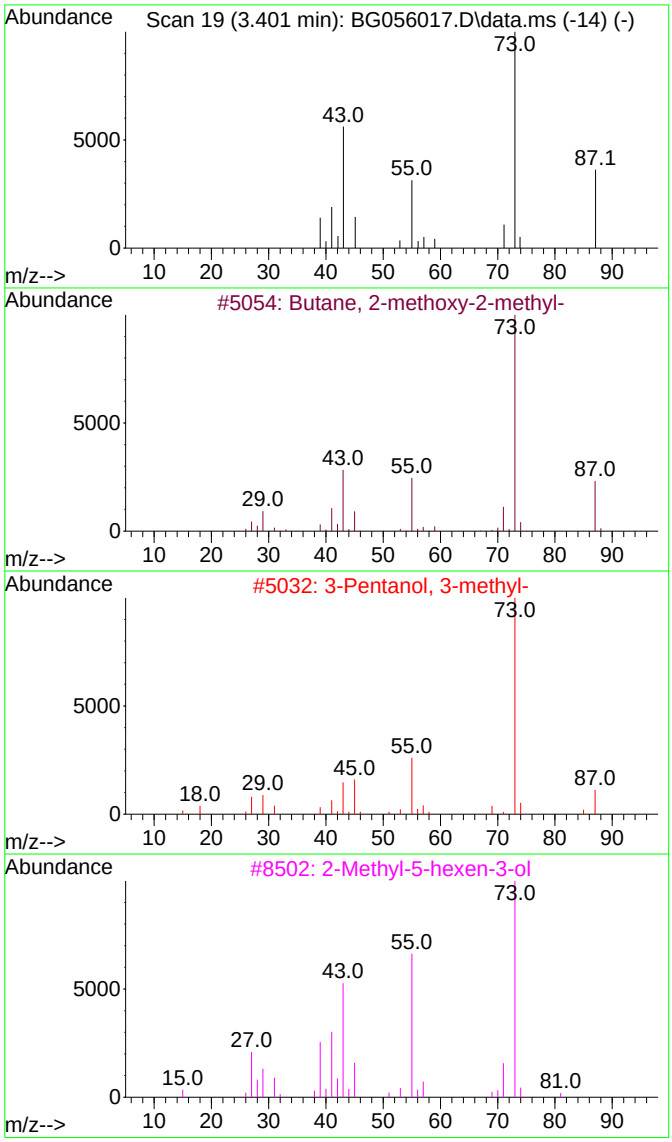
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

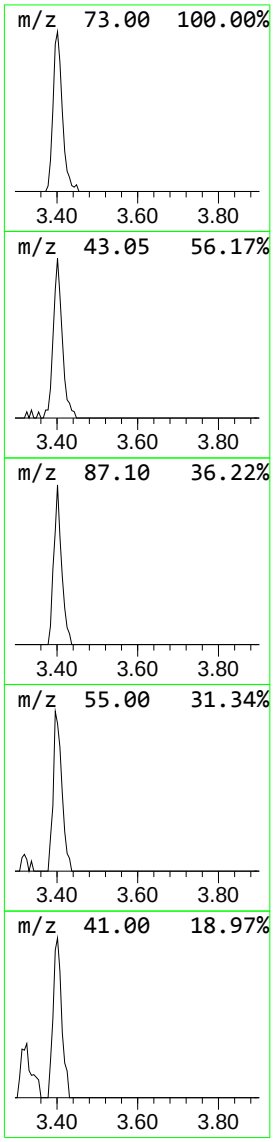
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.401	12.99 ng	33660	1,4-Dichlorobenzene-d4	8.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

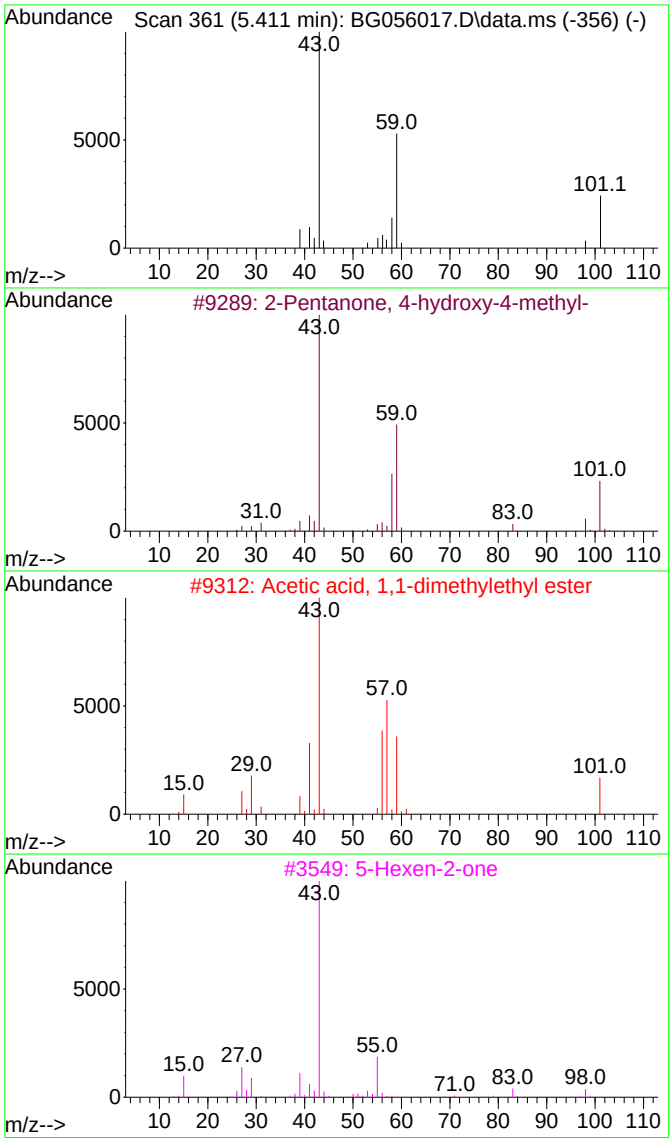
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

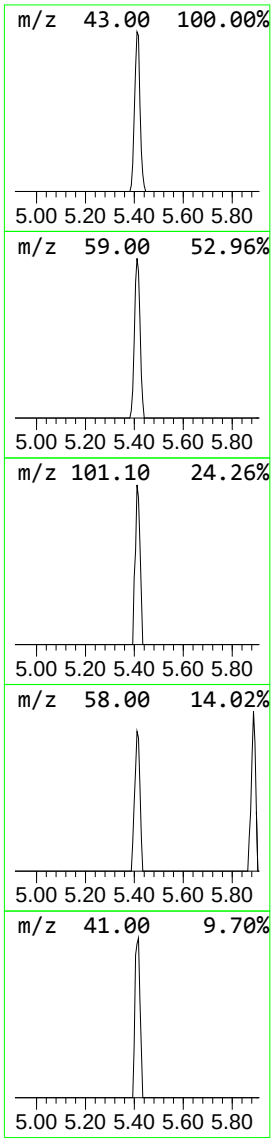
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.411	8.31 ng	21537	1,4-Dichlorobenzene-d4	8.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

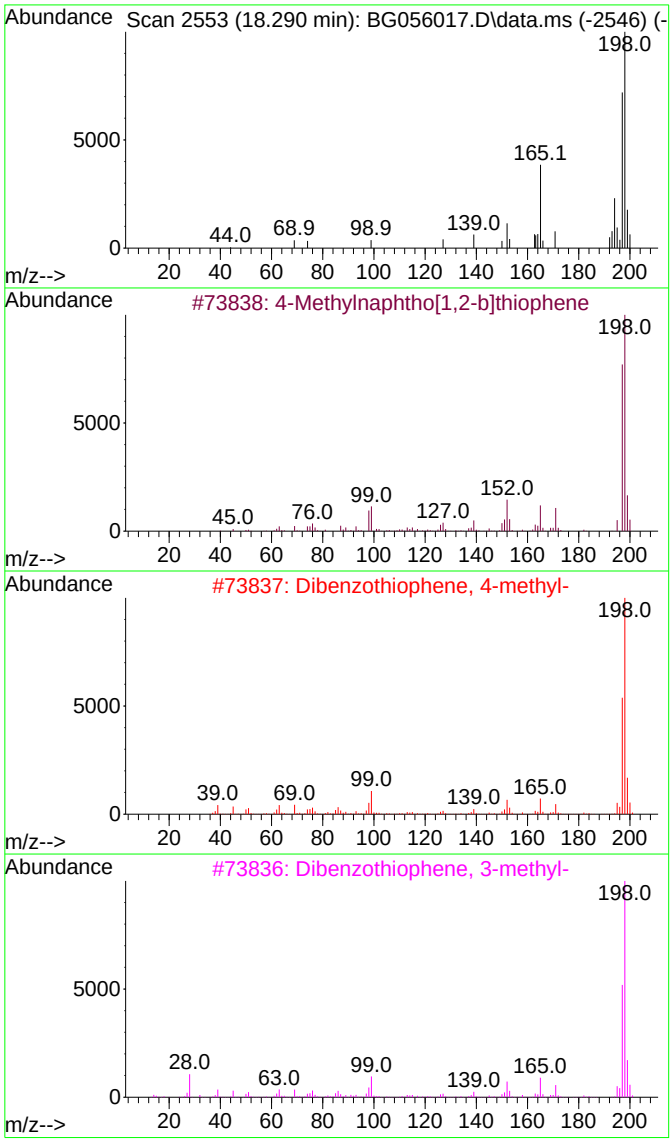
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

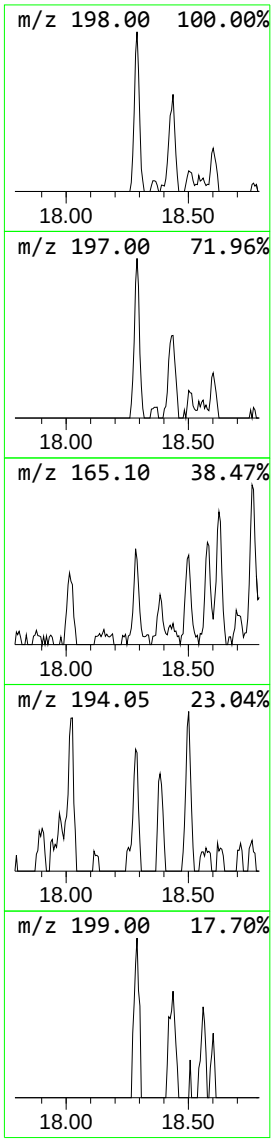
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.290	3.08 ng	27034	Phenanthrene-d10	17.708

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	64
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	62
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	58
4	Thioxanthene	198	C13H10S	000261-31-4	58
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

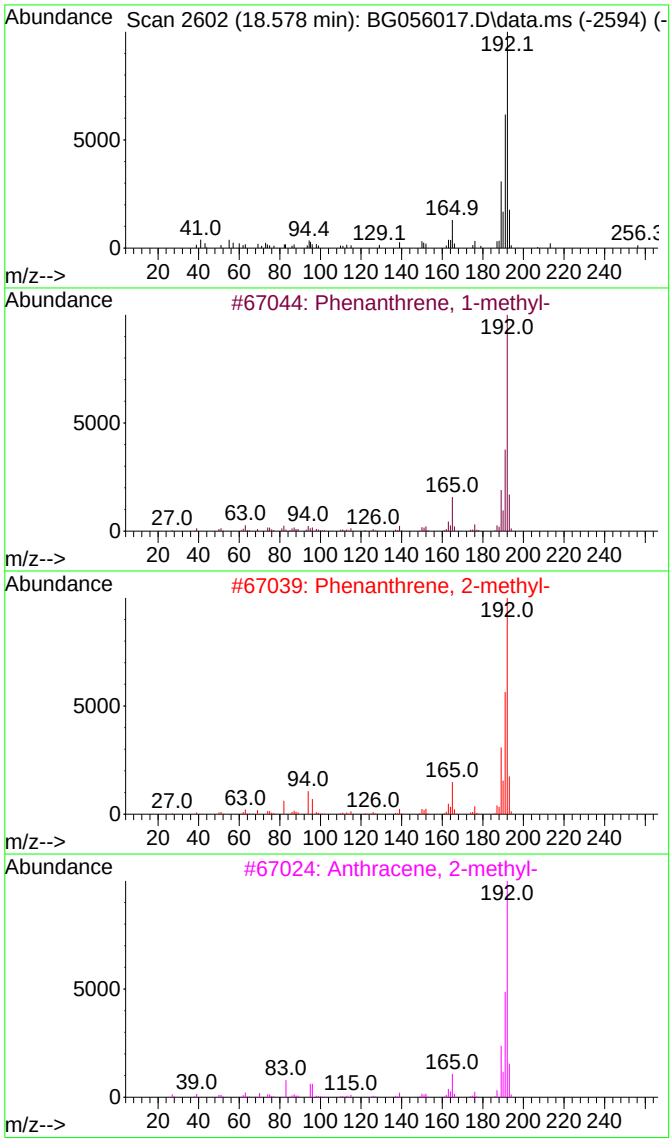
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

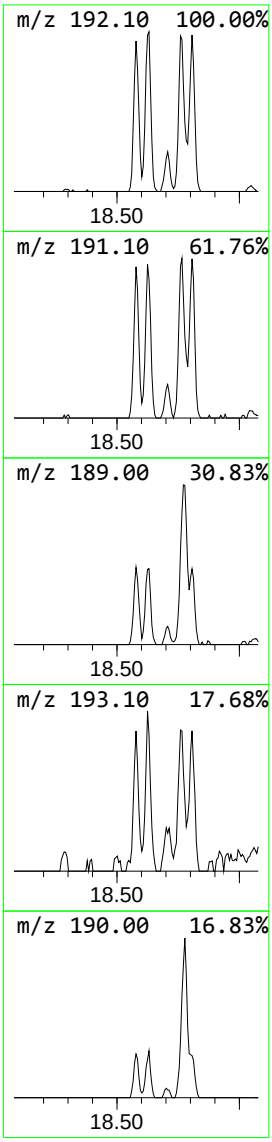
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.578	12.89 ng	113095	Phenanthrene-d10	17.708

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

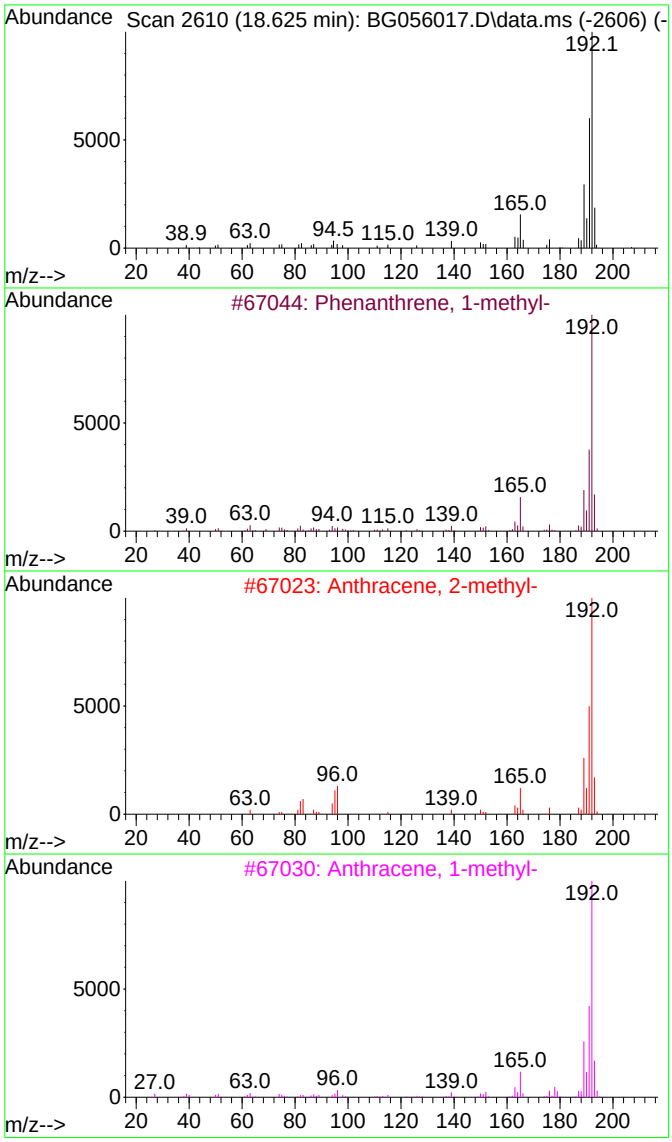
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

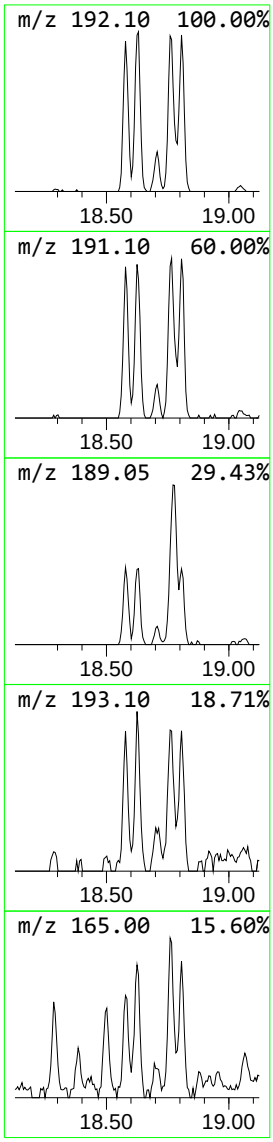
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.625	8.66 ng	75975	Phenanthrene-d10	17.708

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

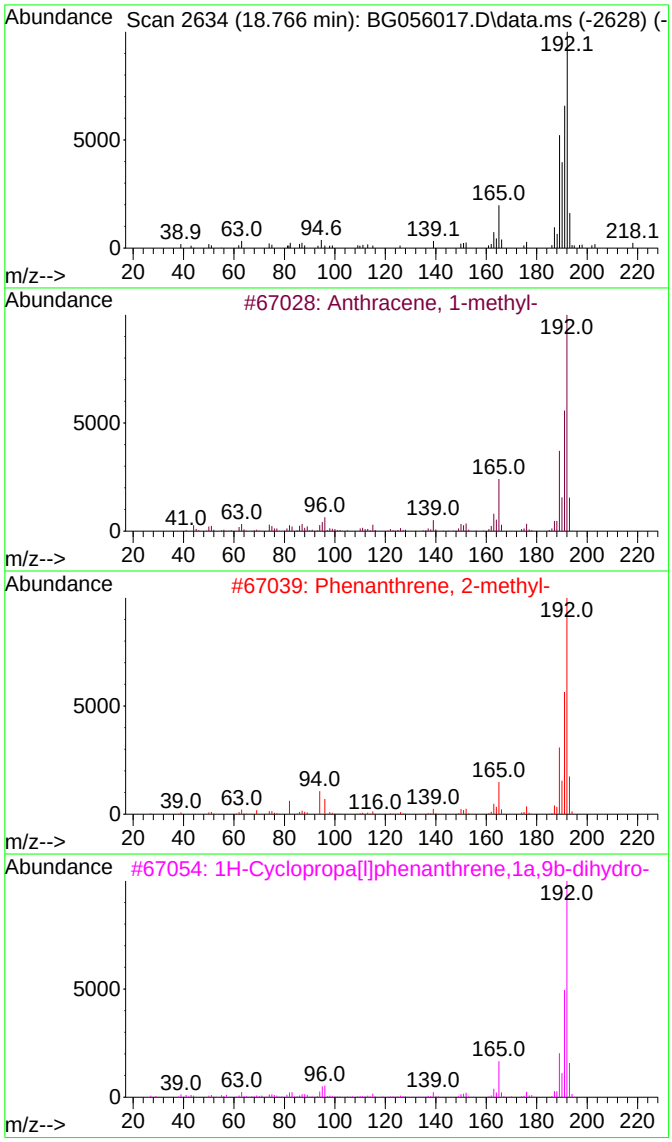
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

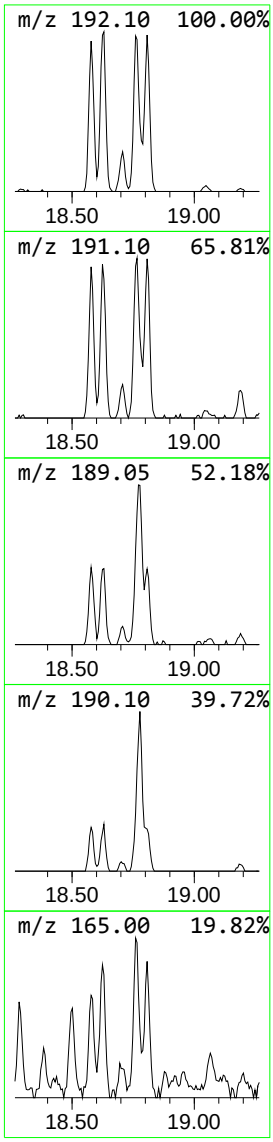
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.766	12.73 ng	111664	Phenanthrene-d10	17.708

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64





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Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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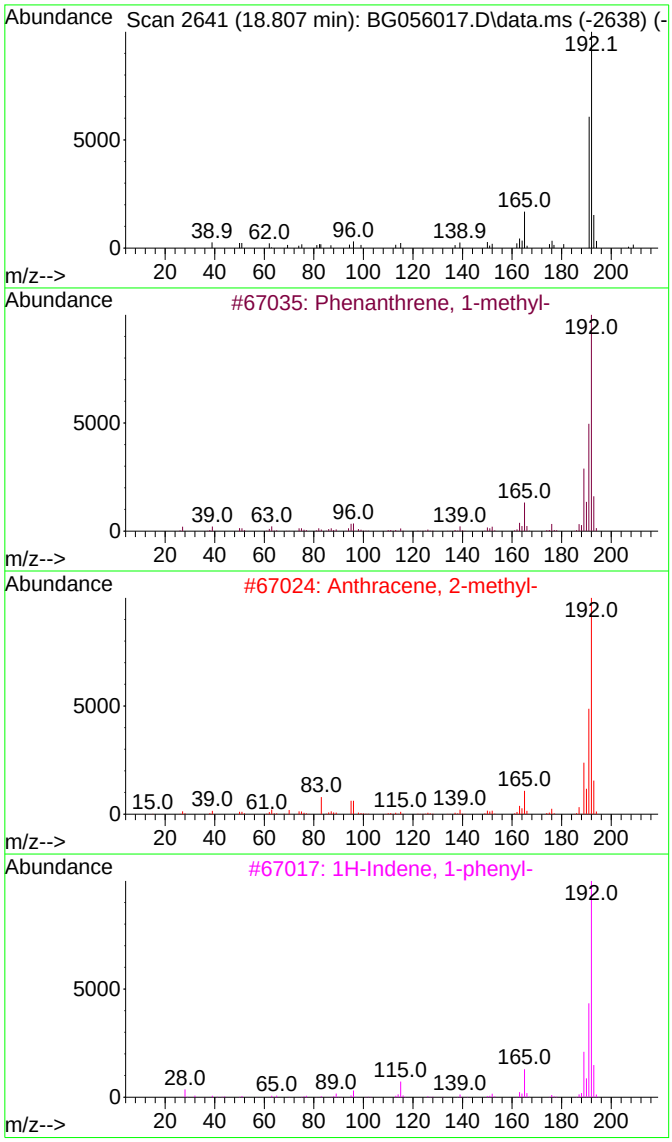
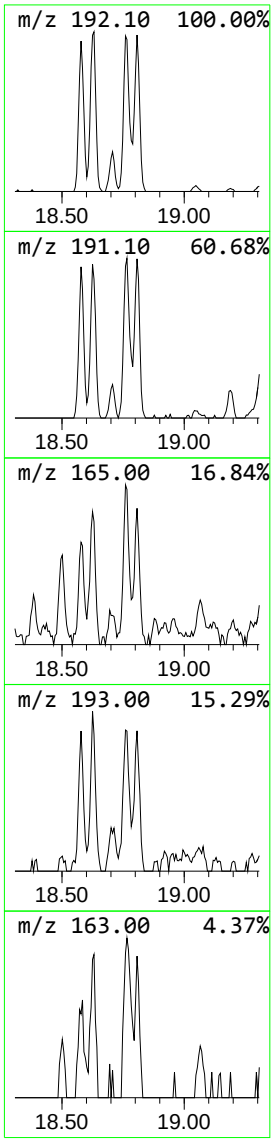
Peak Number 7 1H-Indene, 1-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.807	7.39 ng	64810	Phenanthrene-d10	17.708

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
RB-25-(1-3)

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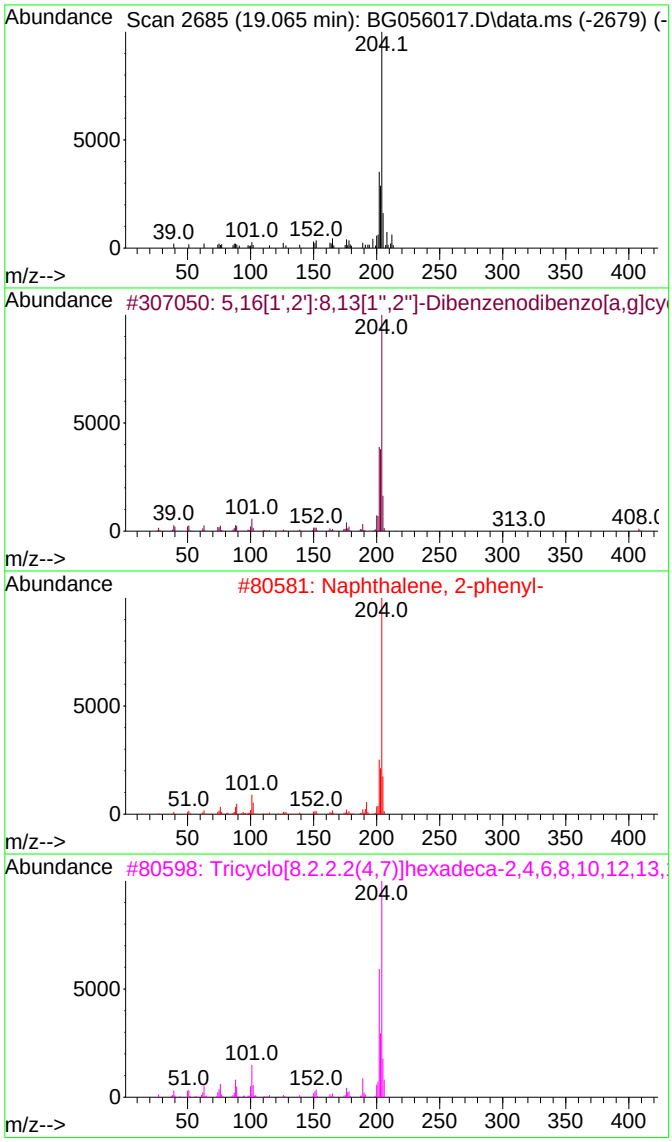
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

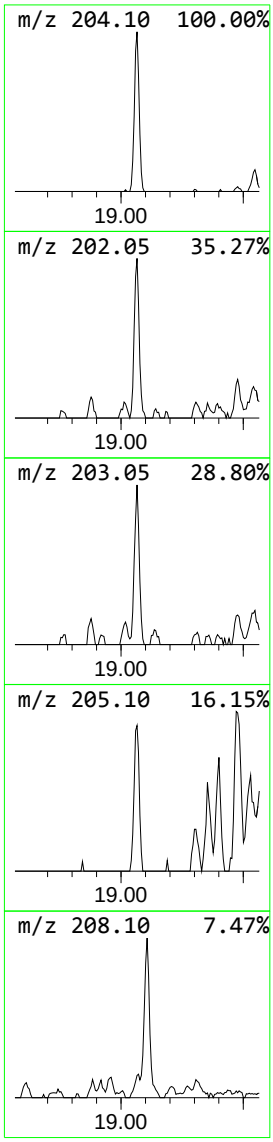
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.066	6.53 ng	57286	Phenanthrene-d10	17.708

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53





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Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

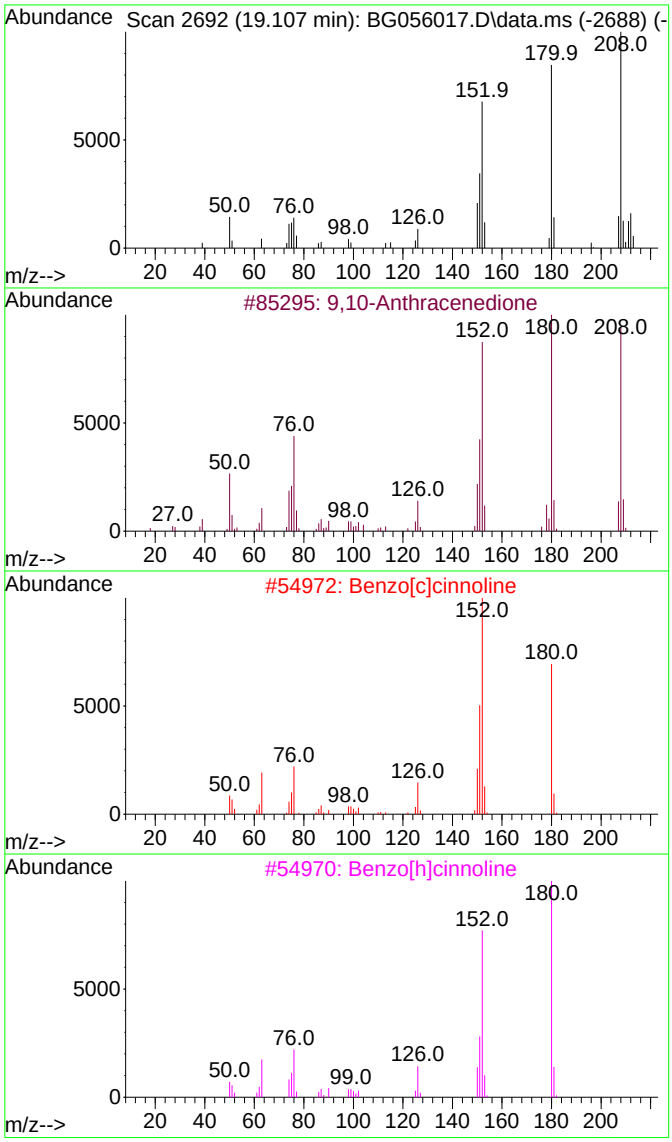
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

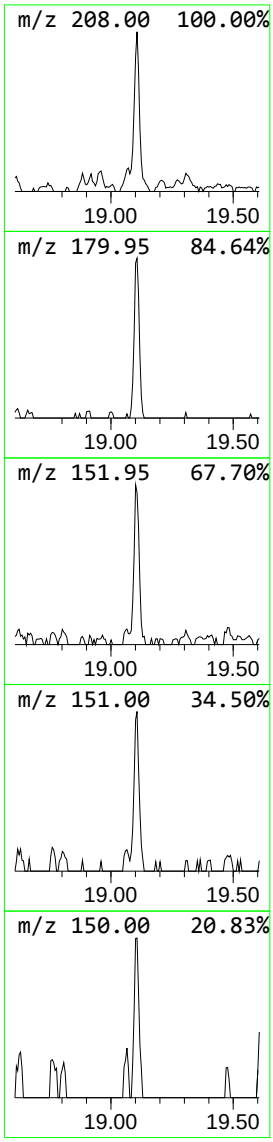
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.107	7.37 ng	64699	Phenanthrene-d10	17.708

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49





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Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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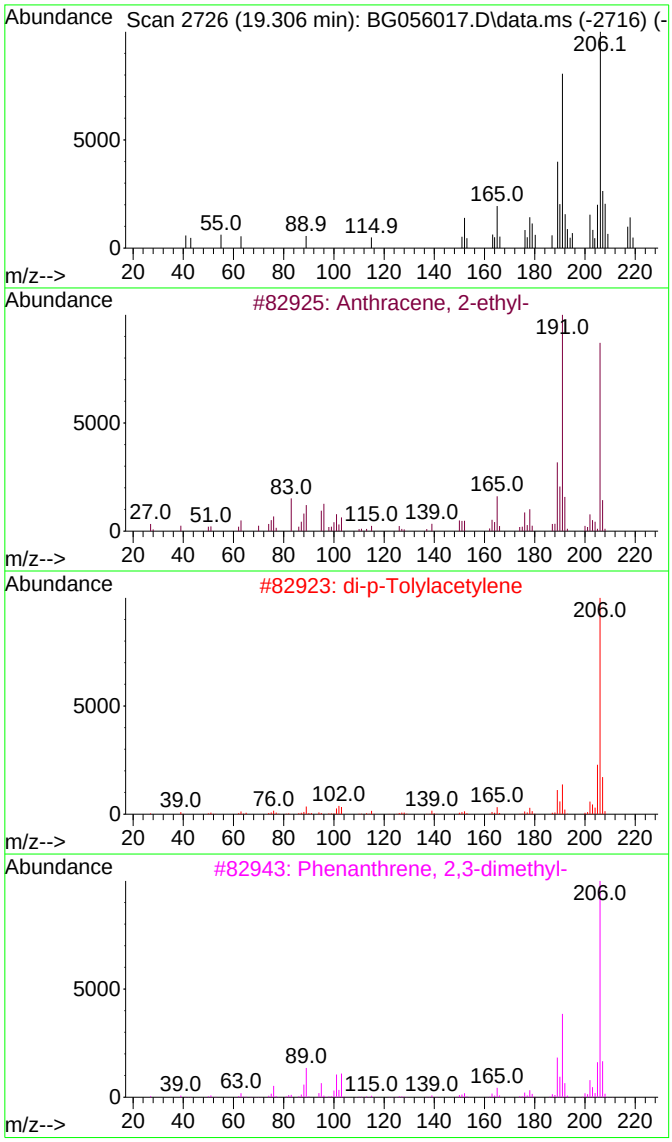
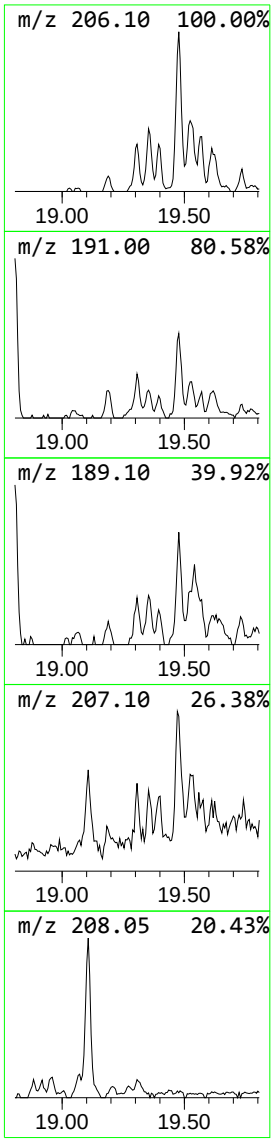
Peak Number 10 Anthracene, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.306	3.50 ng	30743	Phenanthrene-d10	17.708

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	80
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	68





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Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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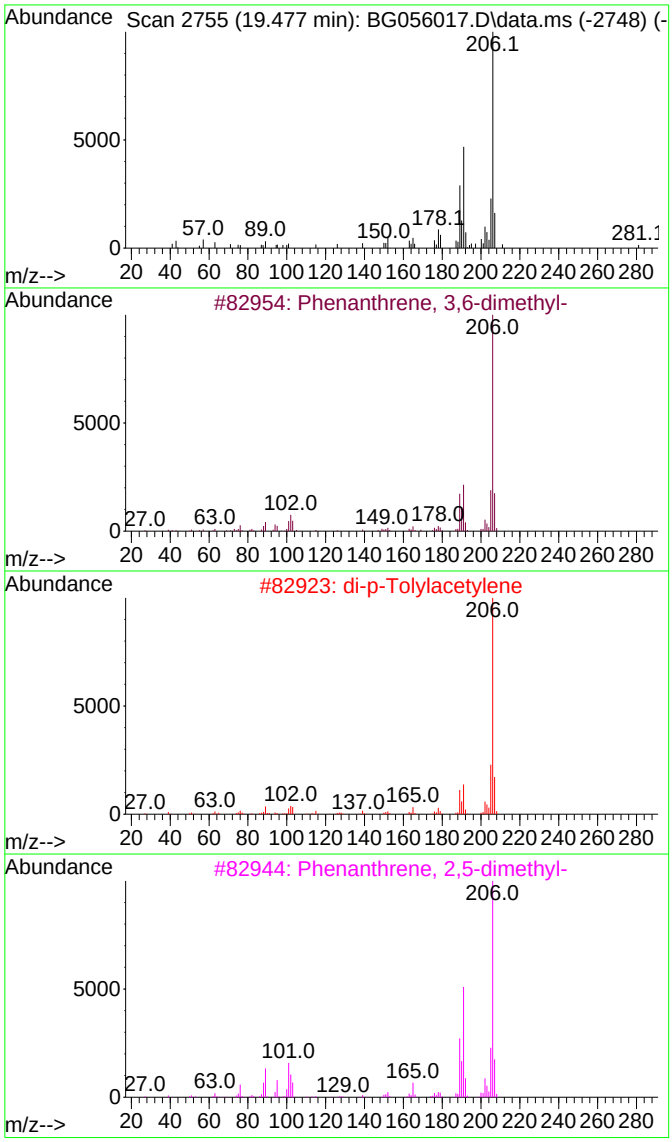
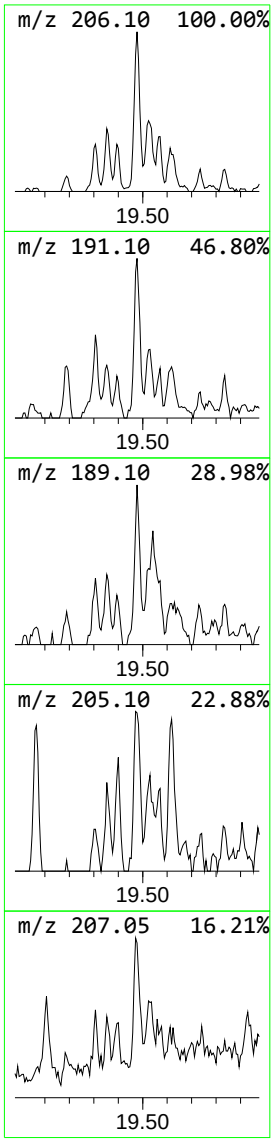
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.477	7.39 ng	64831	Phenanthrene-d10	17.708

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86





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Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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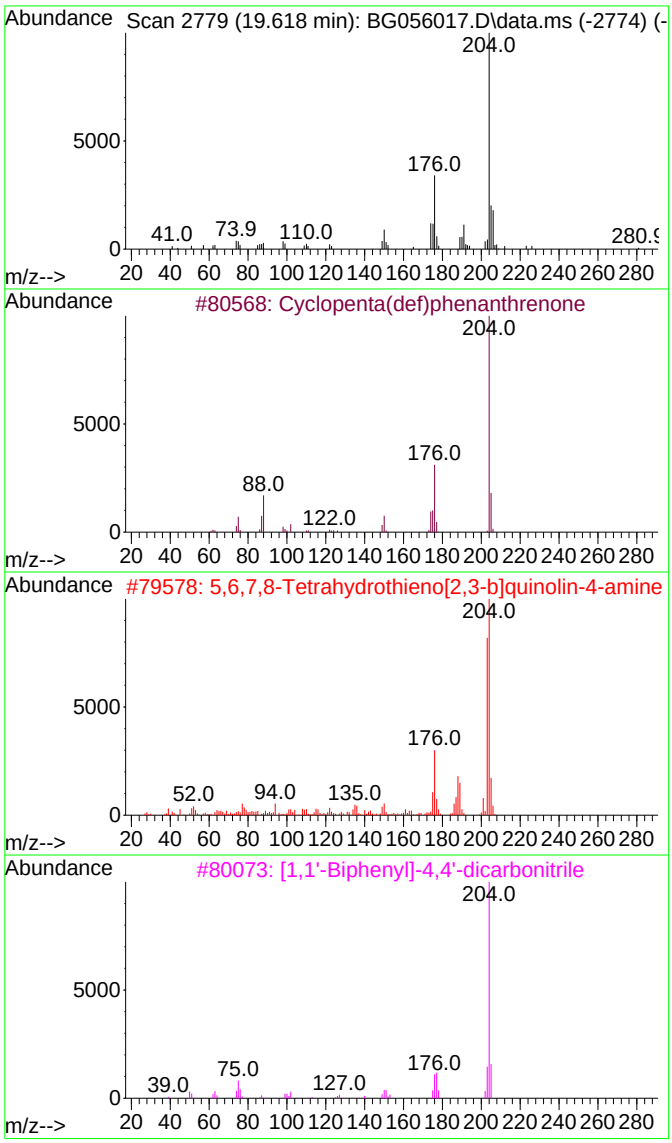
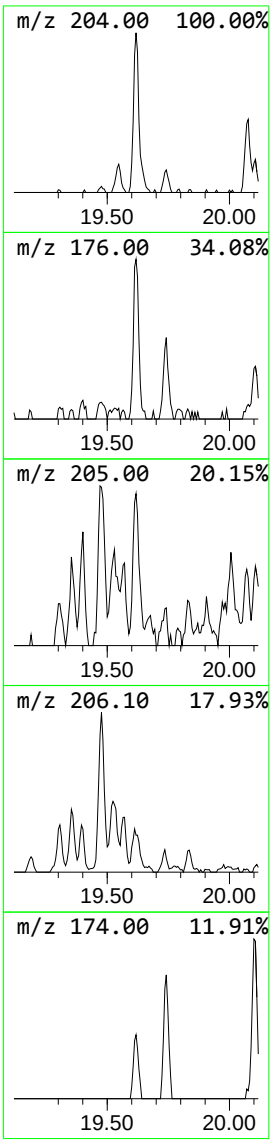
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.618	6.98 ng	61198	Phenanthrene-d10	17.708

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	53





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Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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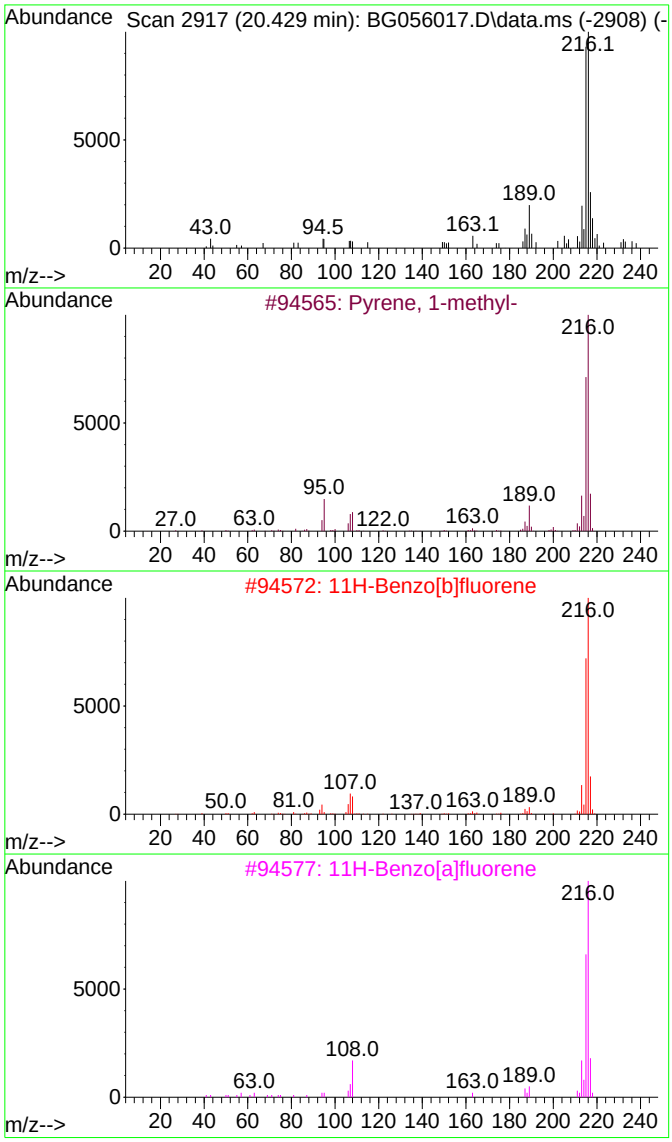
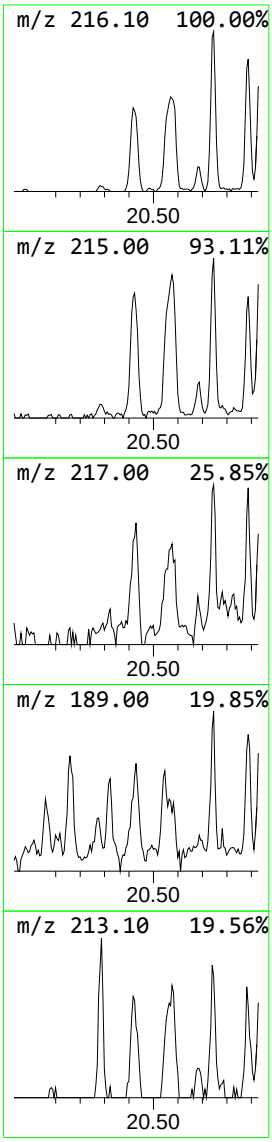
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.429	3.55 ng	74431	Chrysene-d12	22.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	53





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Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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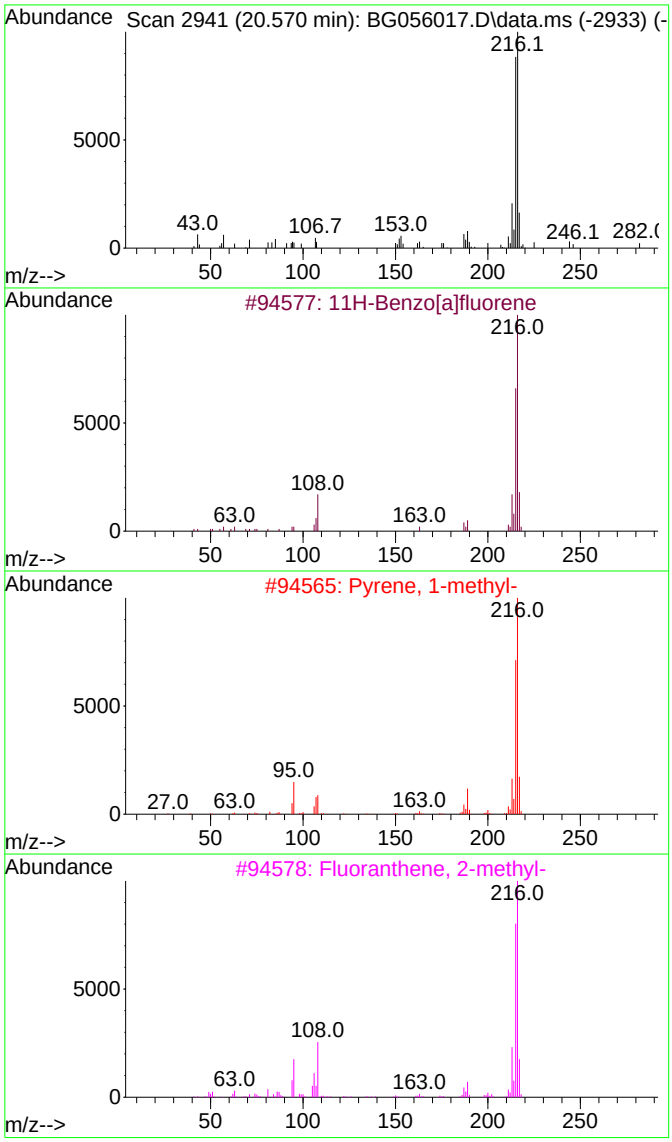
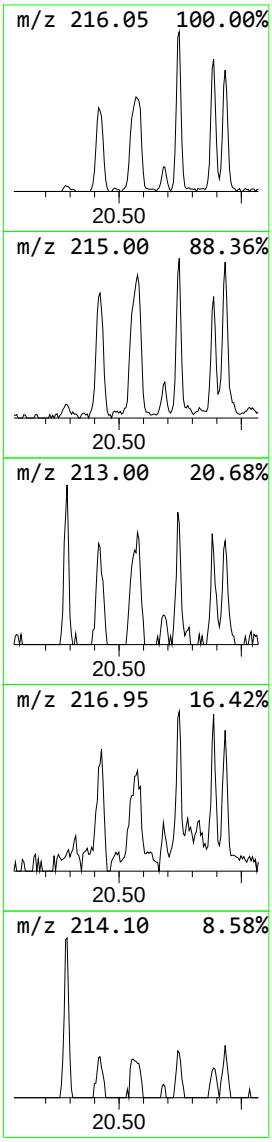
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.570	3.78 ng	79277	Chrysene-d12	22.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-25-(1-3)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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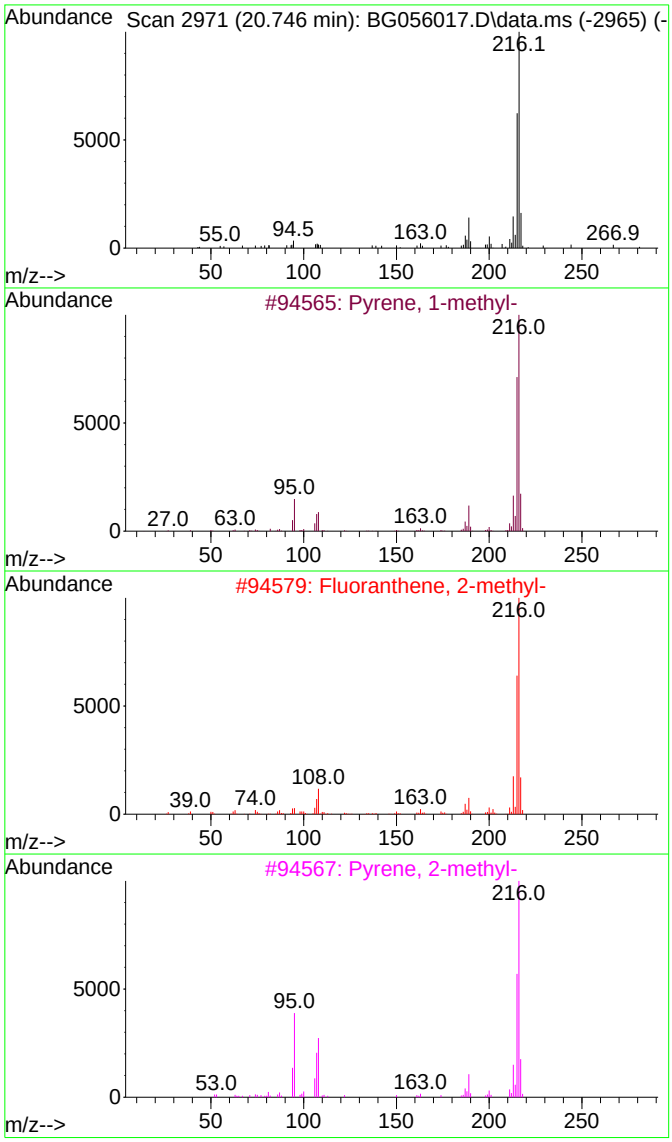
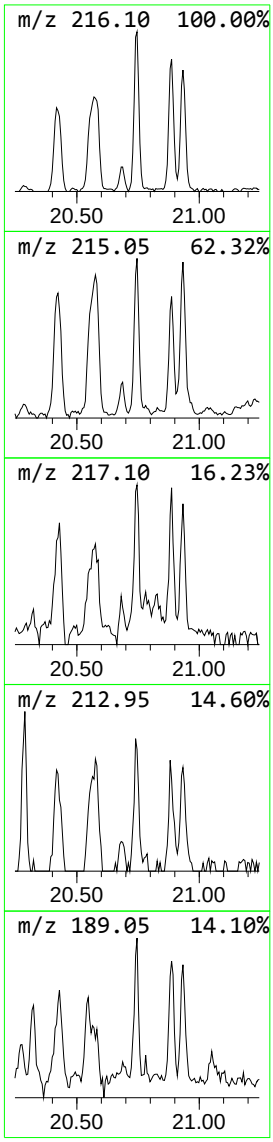
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.746	2.86 ng	59944	Chrysene-d12	22.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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BNA_G
ClientSampleId :
RB-25-(1-3)

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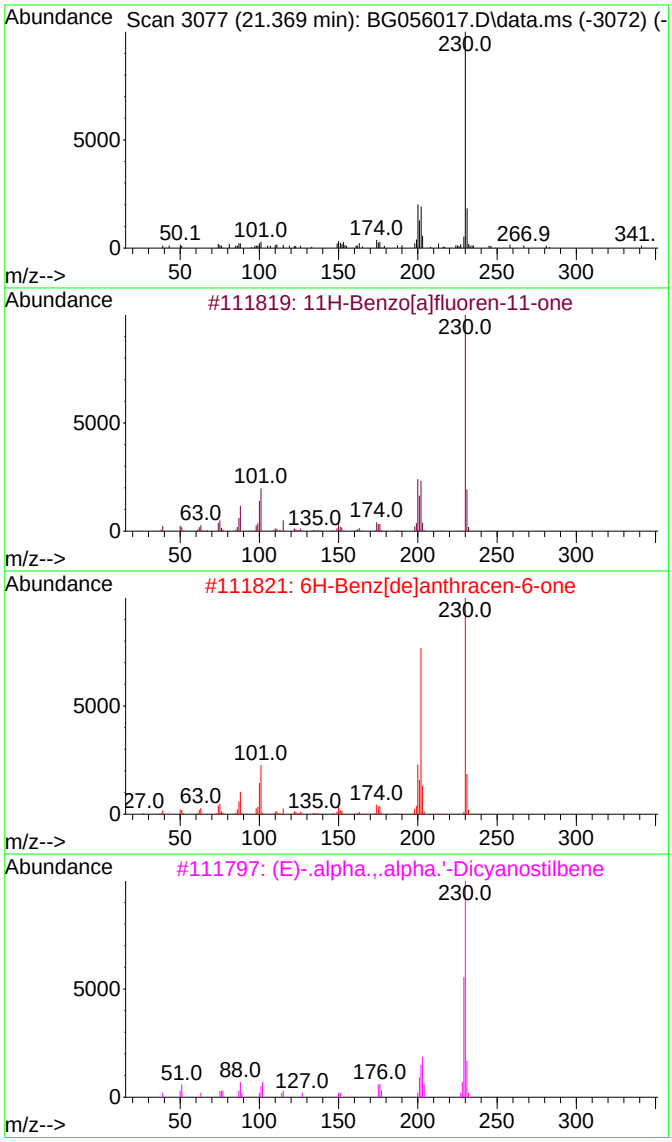
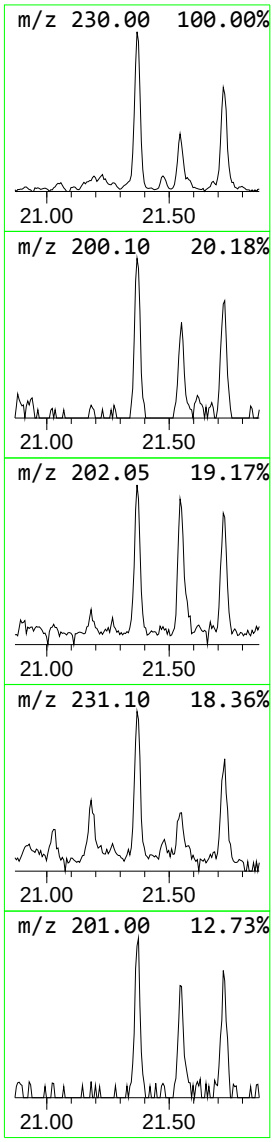
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.369	3.50 ng	73439	Chrysene-d12	22.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89
3	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	72
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	59





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ALS Vial : 10 Sample Multiplier: 1

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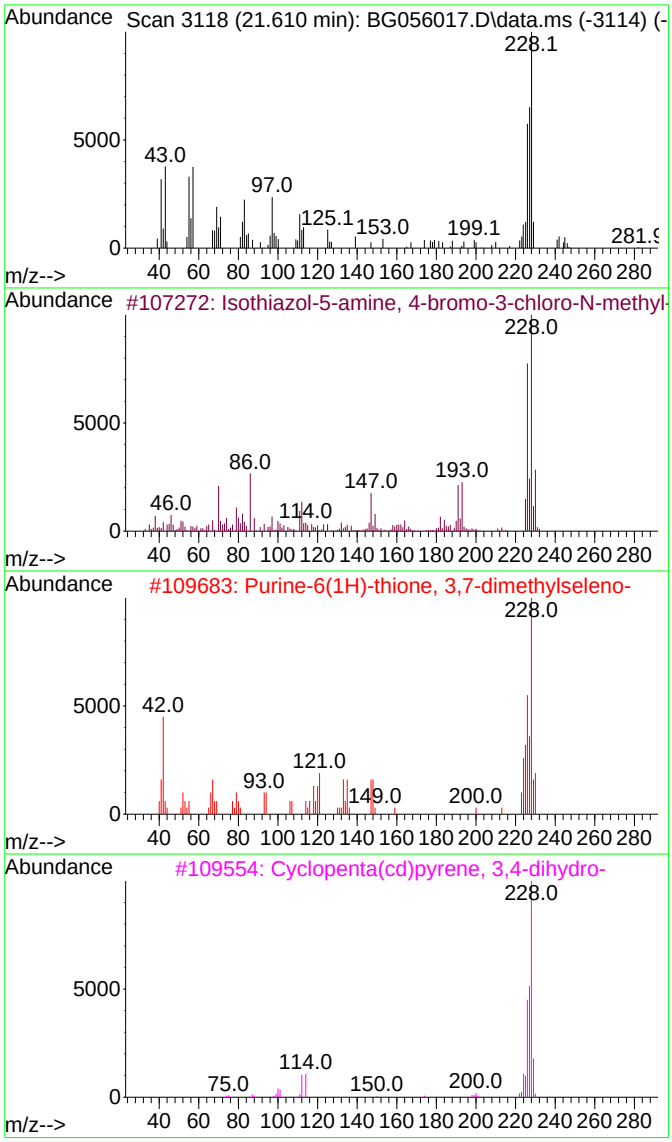
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

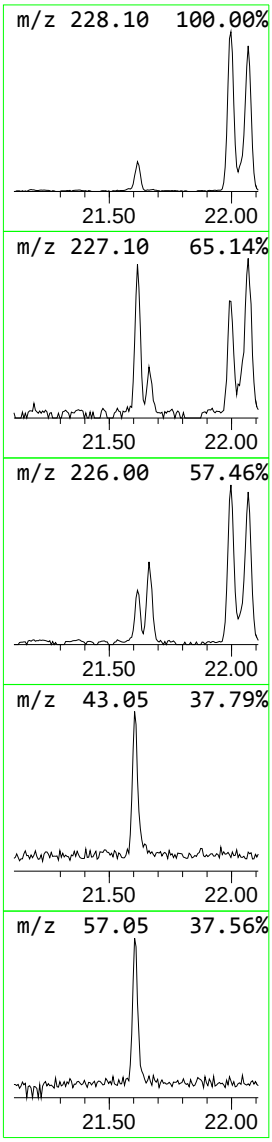
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Isothiazol-5-amine, 4-bromo... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.610	4.23 ng	88704	Chrysene-d12	22.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50
2	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	47
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
5	5-Bromo-2,4-dichloropyrimidine	226	C4HBrCl2N2	036082-50-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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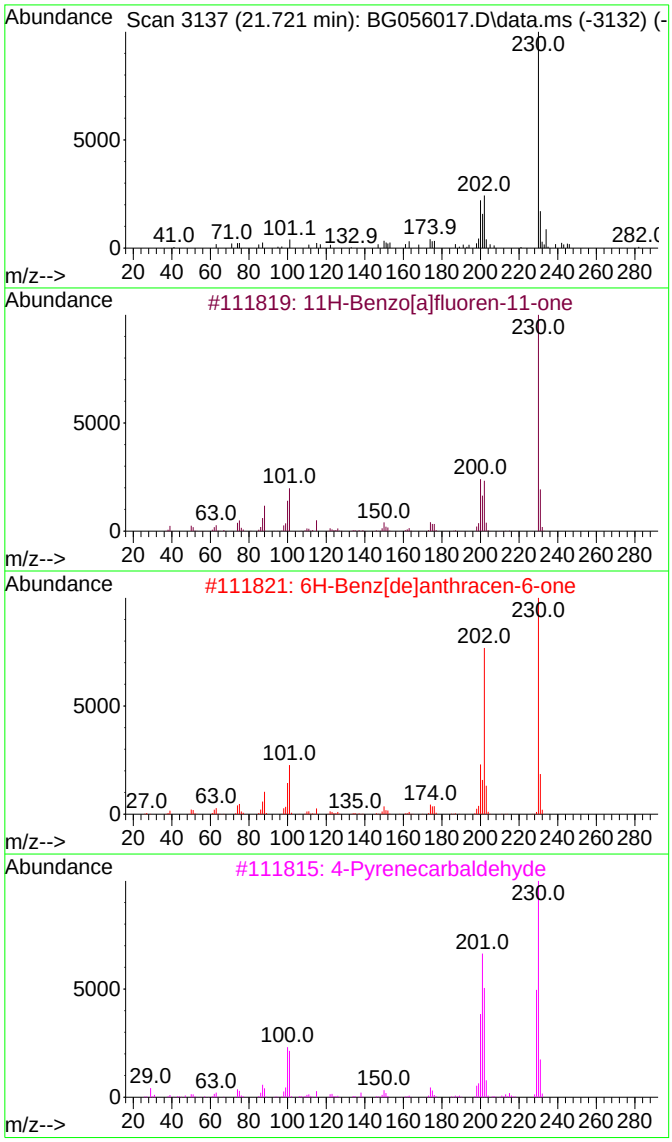
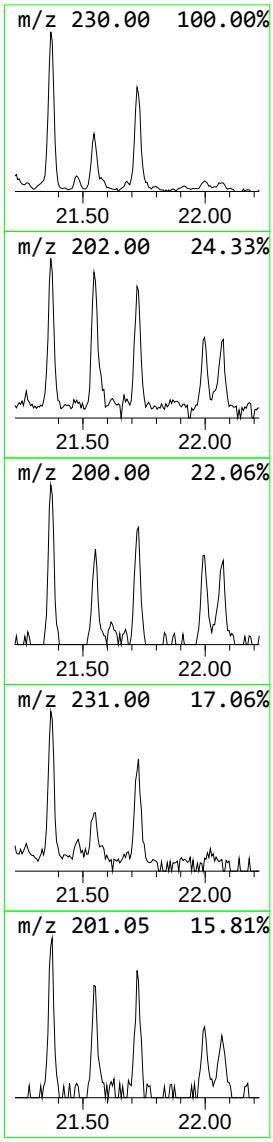
Peak Number 18 6H-Benz[de]anthracen-6-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.721	2.66 ng	55826	Chrysene-d12	22.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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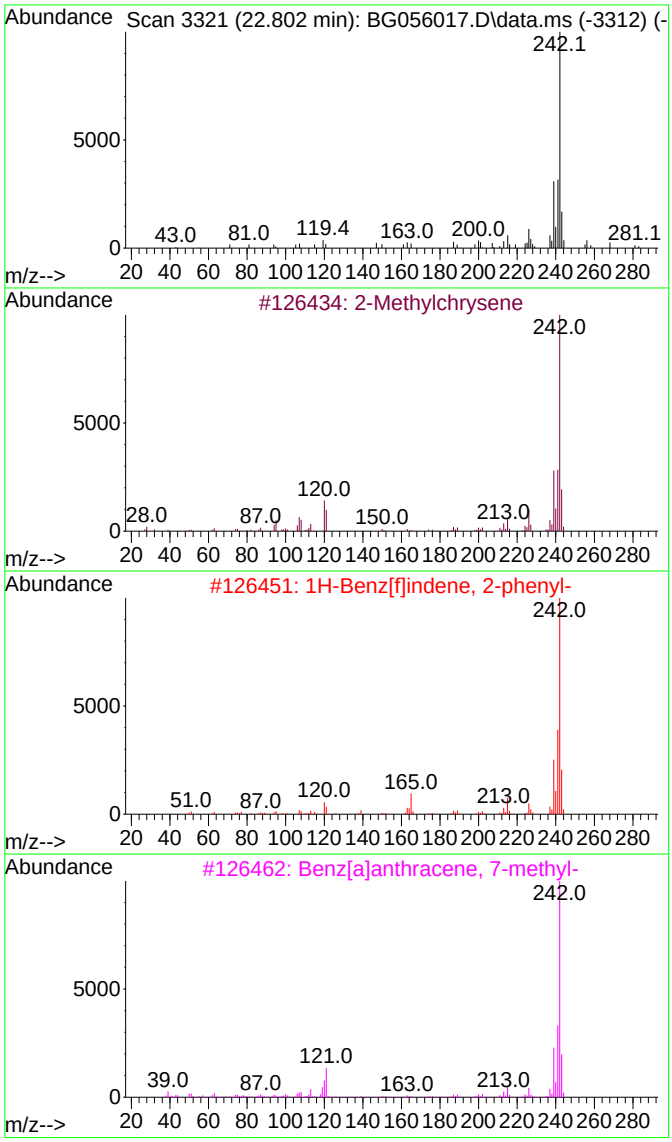
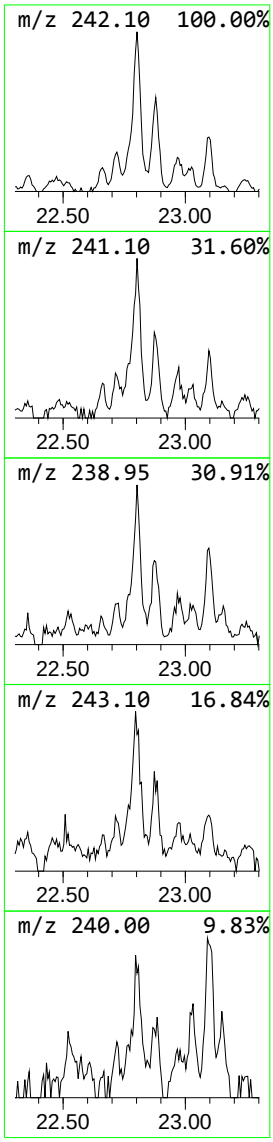
Peak Number 19 2-Methylchrysene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.802	3.24 ng	68043	Chrysene-d12	22.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	95
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	81
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	81
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	76
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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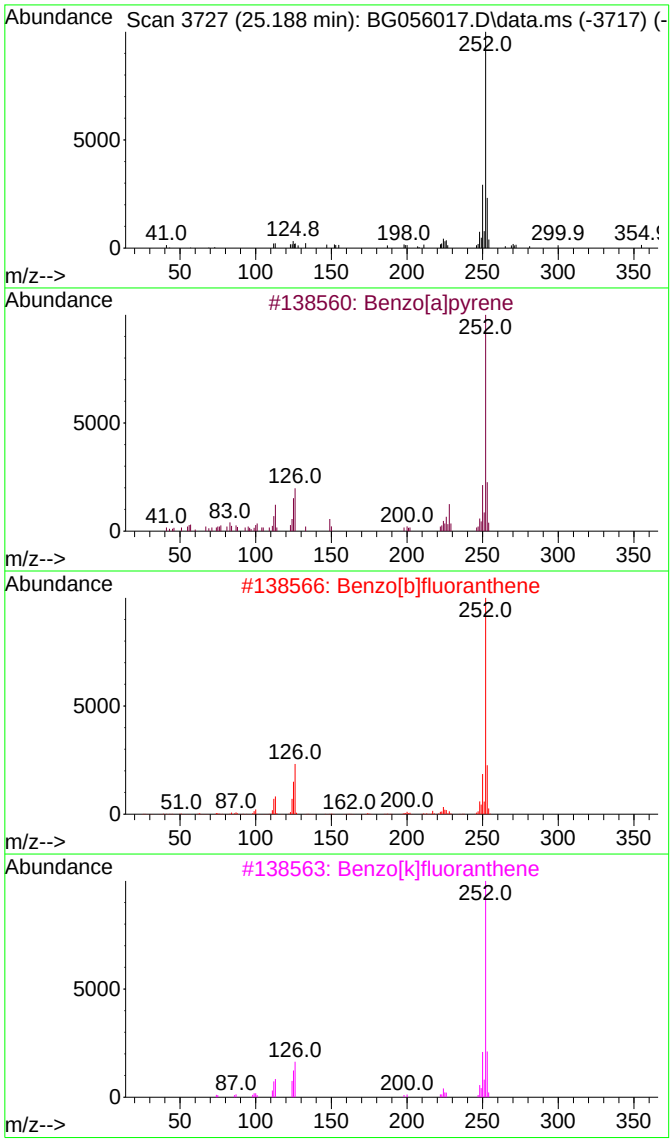
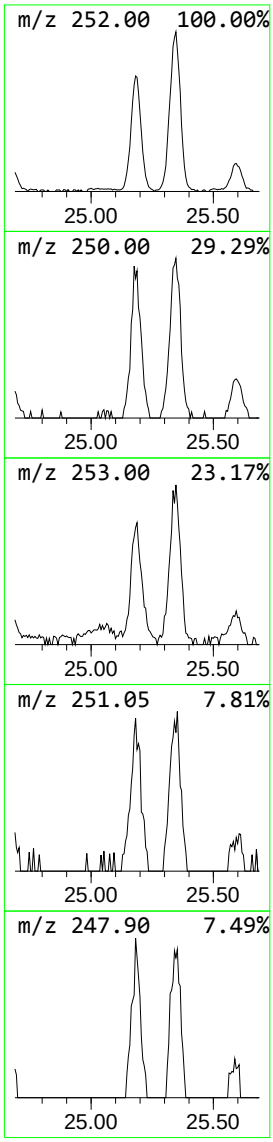
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.188	7.18 ng	86923	Perylene-d12	25.511

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
5	Benzo[e]pyrene	252	C20H12	000192-97-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056017.D
Acq On : 19 Dec 2022 17:27
Operator : CG/JU
Sample : N6037-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-25-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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...	3.401	13.0	ng	33660	1	8.366	51843	20.0
2-Pentanone, 4-...	5.411	8.3	ng	21537	1	8.366	51843	20.0
4-Methylnaphtho...	18.290	3.1	ng	27034	4	17.708	175474	20.0
Phenanthrene, 1...	18.578	12.9	ng	113095	4	17.708	175474	20.0
Anthracene, 2-m...	18.625	8.7	ng	75975	4	17.708	175474	20.0
Anthracene, 1-m...	18.766	12.7	ng	111664	4	17.708	175474	20.0
1H-Indene, 1-ph...	18.807	7.4	ng	64810	4	17.708	175474	20.0
5,16[1',2']:8,1...	19.066	6.5	ng	57286	4	17.708	175474	20.0
9,10-Anthracene...	19.107	7.4	ng	64699	4	17.708	175474	20.0
Anthracene, 2-e...	19.306	3.5	ng	30743	4	17.708	175474	20.0
Phenanthrene, 3...	19.477	7.4	ng	64831	4	17.708	175474	20.0
Cyclopenta(def)...	19.618	7.0	ng	61198	4	17.708	175474	20.0
Pyrene, 1-methyl-	20.429	3.5	ng	74431	5	22.021	419373	20.0
11H-Benzo[a]flu...	20.570	3.8	ng	79277	5	22.021	419373	20.0
Fluoranthene, 2...	20.746	2.9	ng	59944	5	22.021	419373	20.0
11H-Benzo[a]flu...	21.369	3.5	ng	73439	5	22.021	419373	20.0
Isothiazol-5-am...	21.610	4.2	ng	88704	5	22.021	419373	20.0
6H-Benz[de]anth...	21.721	2.7	ng	55826	5	22.021	419373	20.0
2-Methylchrysene	22.802	3.2	ng	68043	5	22.021	419373	20.0
Benzo[j]fluoran...	25.188	7.2	ng	86923	6	25.511	242097	20.0