LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057609.D
Acq On : 30 May 2023 16:49
Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

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-BG052723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057609.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.367	306	311	318	rVB	27094	40323	2.33%	0.269%
2	5.861	388	395	413	rVB	285900	475935	27.48%	3.173%
3	7.488	663	672	688	rBV	311232	551990	31.87%	3.680%
4	8.340	811	817	825	rBV	54838	90436	5.22%	0.603%
5	9.520	1010	1018	1029	rVB	185075	331472	19.14%	2.210%
6	11.177	1292	1300	1306	rBV	80412	143342	8.28%	0.956%
7	13.580	1702	1709	1718	rVB	578801	869859	50.23%	5.799%
8	14.690	1892	1898	1908	rBV	11201	24809	1.43%	0.165%
9	14.960	1938	1944	1949	rBV	170115	259707	15.00%	1.731%
10	15.025	1949	1955	1962	rVB	14568	23409	1.35%	0.156%
11	15.348	2004	2010	2018	rBV2	16625	26109	1.51%	0.174%
12	16.000	2115	2121	2127	rBV	29281	42396	2.45%	0.283%
13	16.293	2165	2171	2178	rVB	31077	47965	2.77%	0.320%
14	16.440	2190	2196	2207	rBV	616239	929277	53.66%	6.195%
15	17.697	2403	2410	2414	rBV	258968	391747	22.62%	2.612%
16	17.739	2414	2417	2424	rVB	86450	120529	6.96%	0.804%
17	17.833	2427	2433	2437	rBV	30402	48033	2.77%	0.320%
18	18.120	2473	2482	2493	rBV7	9714	32040	1.85%	0.214%
19	18.532	2547	2552	2555	rBV3	26842	40106	2.32%	0.267%
20	18.561	2555	2557	2562	rVV2	21117	31518	1.82%	0.210%
21	18.614	2562	2566	2571	rVB	24212	36599	2.11%	0.244%
22	18.690	2576	2579	2584	rVB2	14010	19183	1.11%	0.128%
23	18.761	2584	2591	2595	rBV2	55960	96484	5.57%	0.643%
24	19.049	2636	2640	2645	rVV	19202	27398	1.58%	0.183%
25	19.107	2645	2650	2656	rVB4	10510	19057	1.10%	0.127%
26	19.336	2685	2689	2693	rBV	11462	17619	1.02%	0.117%
27	19.460	2706	2710	2715	rVV	30448	46145	2.66%	0.308%
28	19.530	2715	2722	2728	rVB6	15708	42987	2.48%	0.287%
29	19.618	2728	2737	2746	rVB3	27848	61881	3.57%	0.413%
30	19.730	2746	2756	2768	rBV	514714	784510	45.30%	5.230%
31	19.812	2768	2770	2775	rVB4	11624	18233	1.05%	0.122%
32	19.877	2777	2781	2787	rBV	26079	45410	2.62%	0.303%
33	19.971	2792	2797	2805	rVB3	25361	53677	3.10%	0.358%
34	20.047	2805	2810	2813	rBV2	61249	97009	5.60%	0.647%
35	20.088	2813	2817	2824	rVV	468600	670729	38.73%	4.472%
36	20.153	2824	2828	2833	rVB	29503	41031	2.37%	0.274%

LSC Area Percent Report

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Data File : BG057609.D
Acq On : 30 May 2023 16:49
Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

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-BG052723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.265	2841	2847	2852	rBV	1383217	1731821	100.00%	11.546%
38	20.400	2863	2870	2877	rBV5	58512	130482	7.53%	0.870%
39	20.570	2887	2899	2906	rVB2	124289	282308	16.30%	1.882%
40	20.670	2911	2916	2919	rBV	103020	138275	7.98%	0.922%
41	20.705	2919	2922	2923	rVV2	23312	25914	1.50%	0.173%
42	20.729	2923	2926	2930	rVB	61683	78797	4.55%	0.525%
43	20.876	2946	2951	2955	rBV	47048	74302	4.29%	0.495%
44	20.922	2955	2959	2966	rVB	36576	57082	3.30%	0.381%
45	21.005	2969	2973	2975	rBV4	16968	27399	1.58%	0.183%
46	21.175	2999	3002	3005	rVV5	20922	35489	2.05%	0.237%
47	21.210	3005	3008	3013	rVB2	17734	28053	1.62%	0.187%
48	21.304	3020	3024	3029	rBV3	22923	44152	2.55%	0.294%
49	21.363	3030	3034	3041	rVB	45520	78480	4.53%	0.523%
50	21.557	3059	3067	3071	rBV2	82912	167859	9.69%	1.119%
51	21.657	3079	3084	3088	rBV2	52049	96447	5.57%	0.643%
52	21.716	3091	3094	3105	rVB2	36092	72977	4.21%	0.487%
53	21.986	3132	3140	3147	rBV2	346915	1039462	60.02%	6.930%
54	22.050	3147	3151	3162	rVB	230004	420940	24.31%	2.806%
55	22.215	3174	3179	3185	rBV2	37399	76049	4.39%	0.507%
56	22.291	3187	3192	3202	rVV3	47626	105959	6.12%	0.706%
57	22.438	3212	3217	3224	rVB2	31785	61631	3.56%	0.411%
58	22.697	3257	3261	3265	rBV3	11010	17731	1.02%	0.118%
59	22.779	3266	3275	3281	rVV	67581	179790	10.38%	1.199%
60	22.855	3285	3288	3295	rVB	33877	59629	3.44%	0.398%
61	23.078	3321	3326	3331	rBV4	25770	56231	3.25%	0.375%
62	23.219	3346	3350	3356	rVB3	20090	39466	2.28%	0.263%
63	24.371	3537	3546	3555	rBV	237731	855487	49.40%	5.703%
64	24.653	3587	3594	3602	rBV2	52195	137606	7.95%	0.917%
65	24.870	3627	3631	3635	rBV6	12203	25096	1.45%	0.167%
66	25.170	3673	3682	3692	rVB2	132980	408383	23.58%	2.723%
67	25.328	3699	3709	3719	rVB	189372	551853	31.87%	3.679%
68	25.493	3728	3737	3745	rBV	136149	404413	23.35%	2.696%
69	25.581	3747	3752	3763	rVB3	55842	165476	9.56%	1.103%
70	29.517	4410	4422	4445	rVB3	87109	462600	26.71%	3.084%
71	30.786	4629	4638	4655	rVB5	56555	263166	15.20%	1.754%

Sum of corrected areas: 14999759

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
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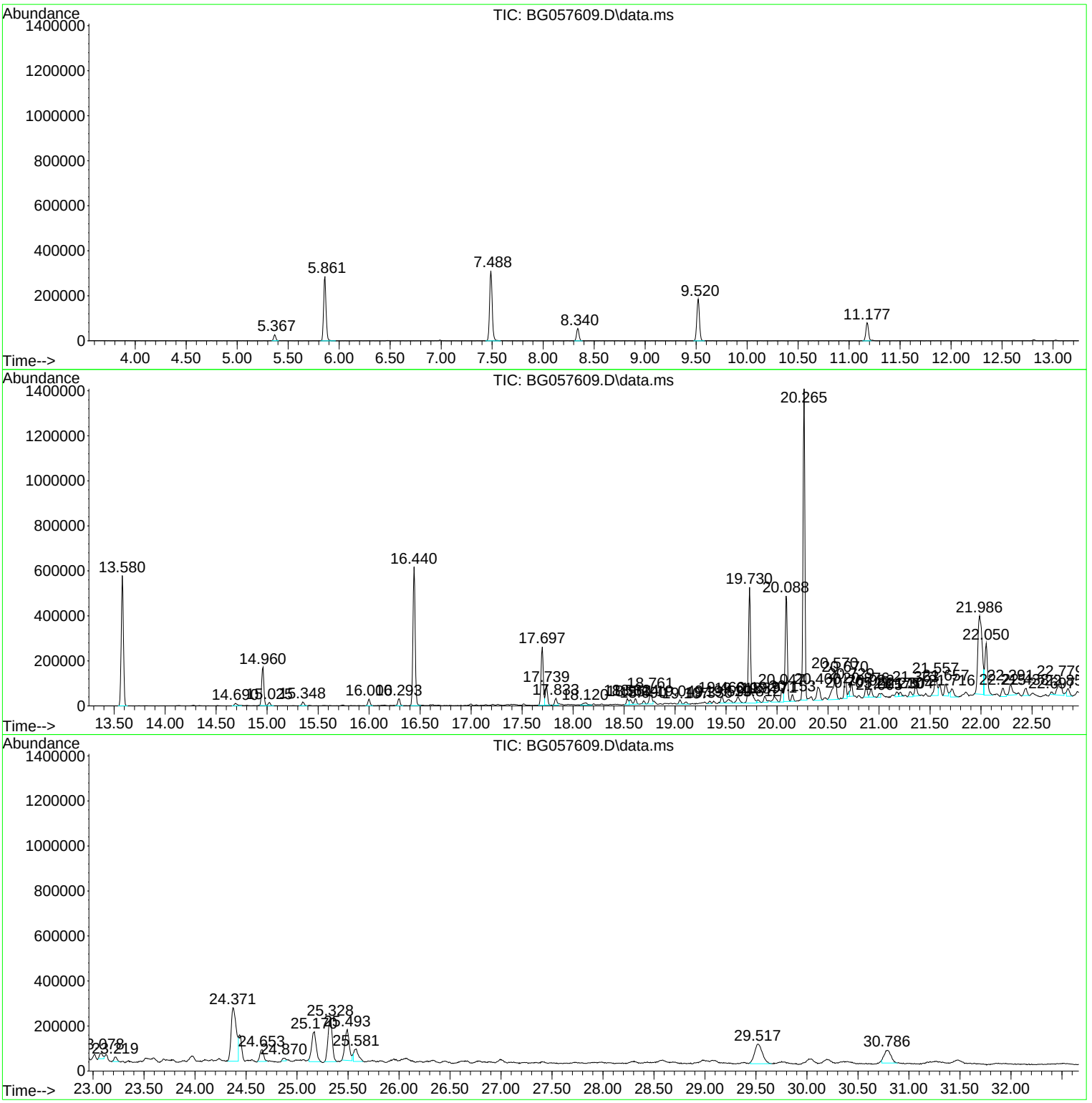
Acq On : 30 May 2023 16:49
Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.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\BG053023\
Data File : BG057609.D
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Operator : CG/JU
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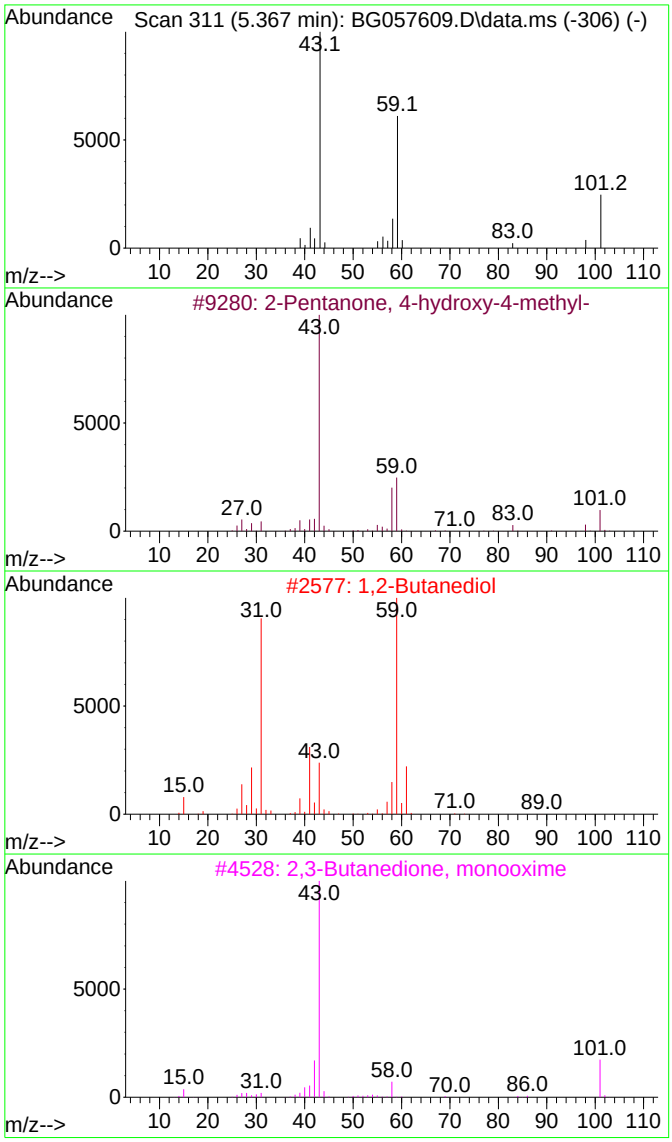
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

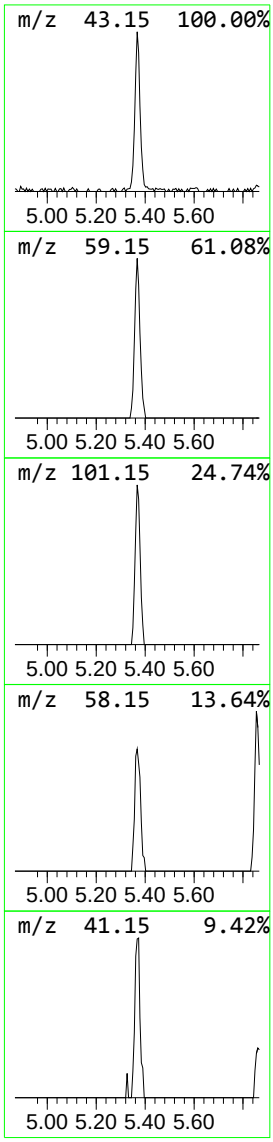
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.367	8.92 ng	40323	1,4-Dichlorobenzene-d4	8.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	1,2-Butanediol	90	C4H10O2	000584-03-2	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057609.D
Acq On : 30 May 2023 16:49
Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

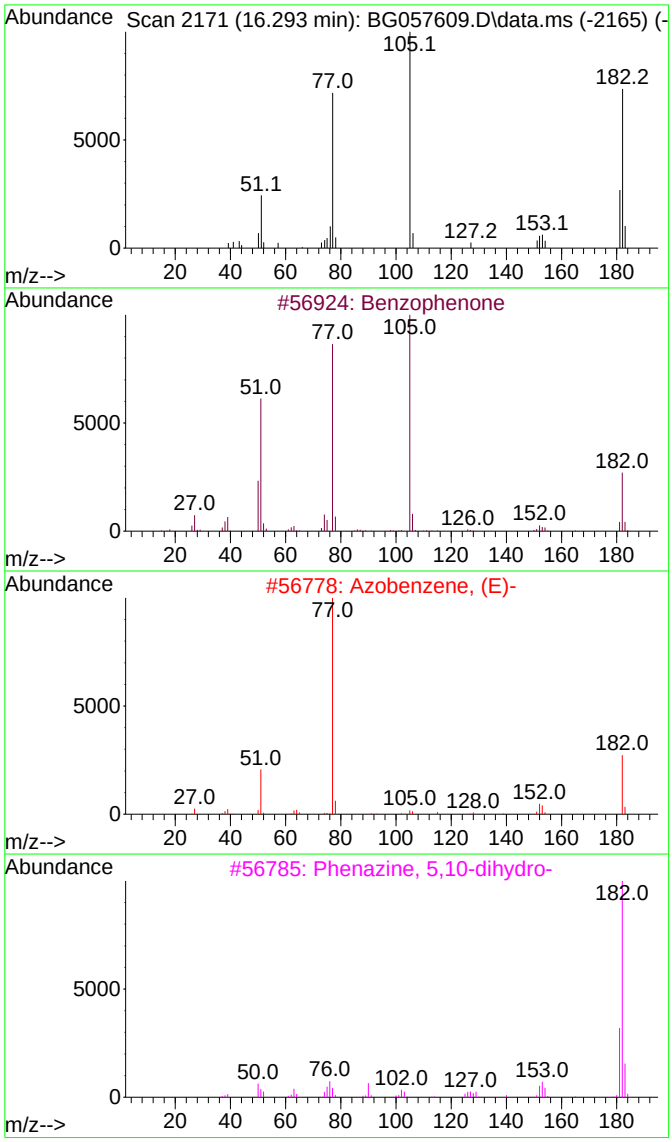
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

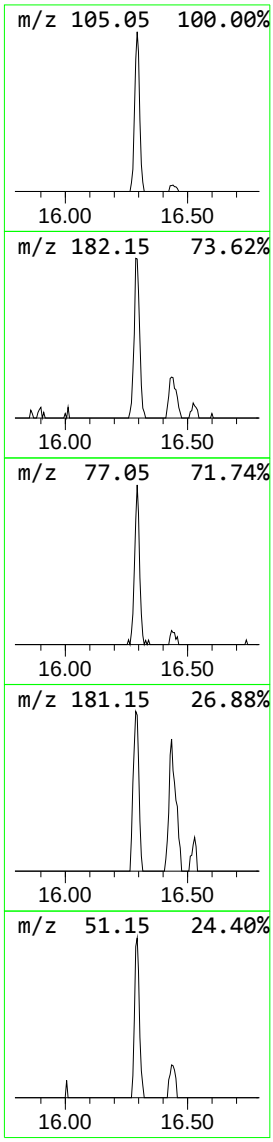
****

Peak Number 3 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	3.69 ng	47965	Acenaphthene-d10	14.960

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	59
3	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	49
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	47
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057609.D
Acq On : 30 May 2023 16:49
Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

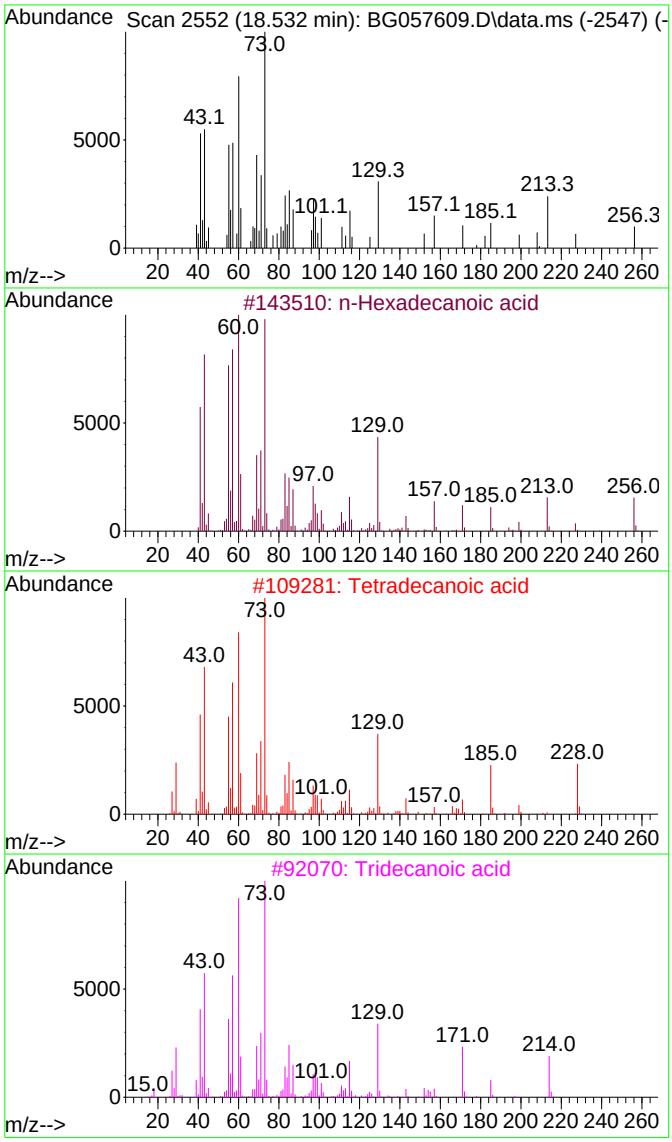
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

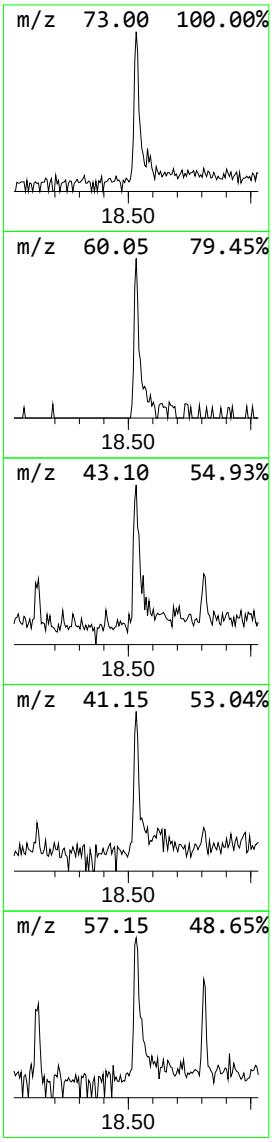
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.532	2.05 ng	40106	Phenanthrene-d10	17.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057609.D
Acq On : 30 May 2023 16:49
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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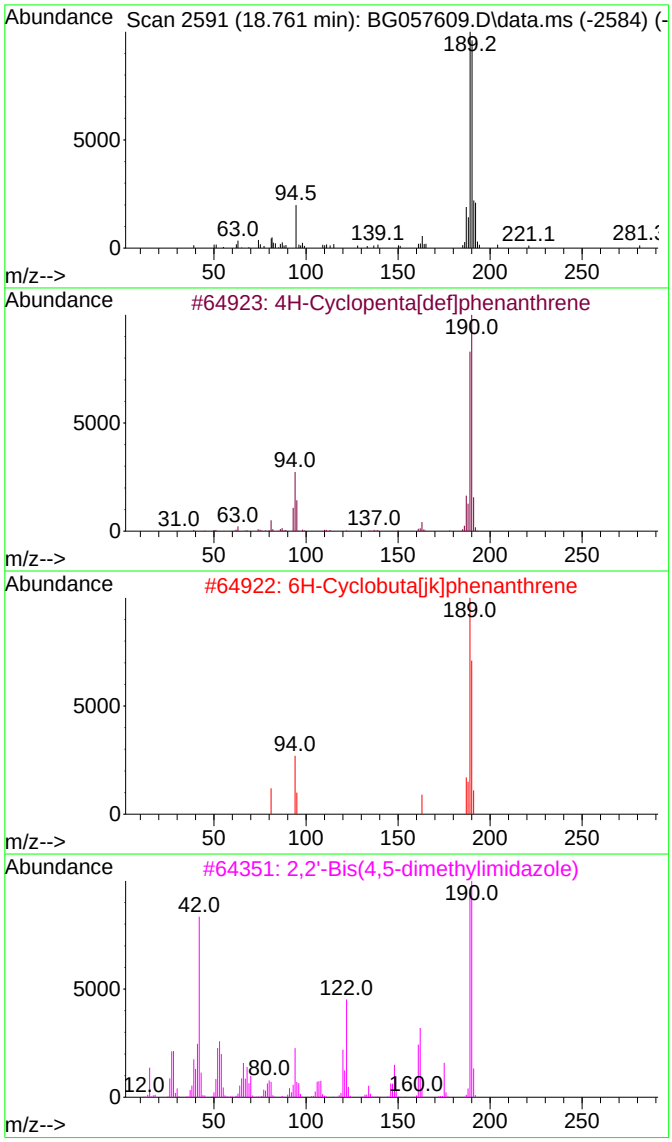
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

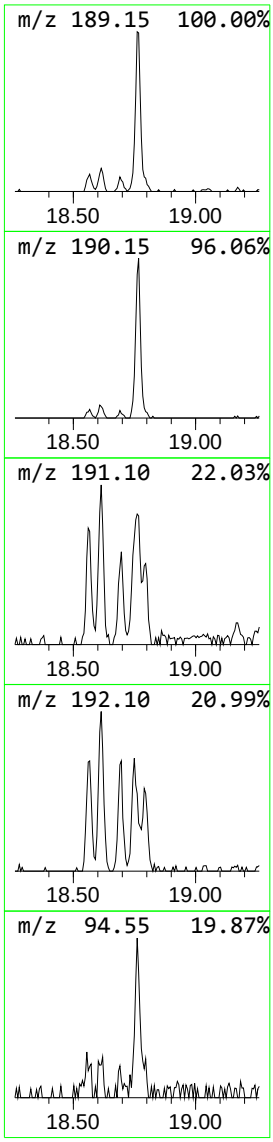
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.761	4.93 ng	96484	Phenanthrene-d10	17.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057609.D
Acq On : 30 May 2023 16:49
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Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

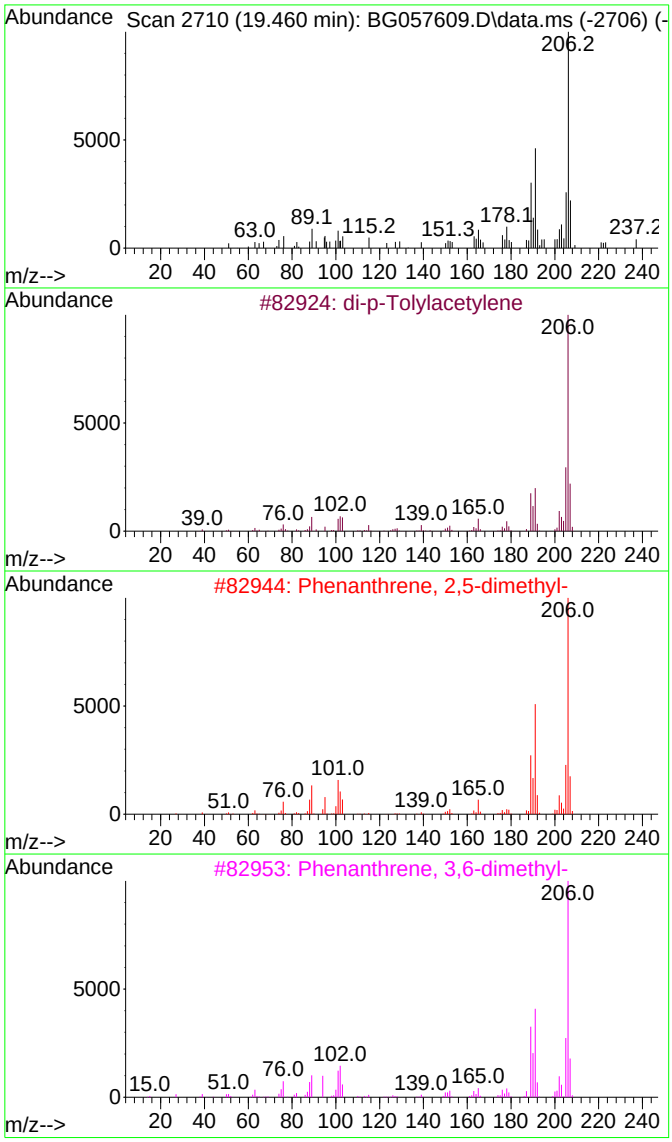
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

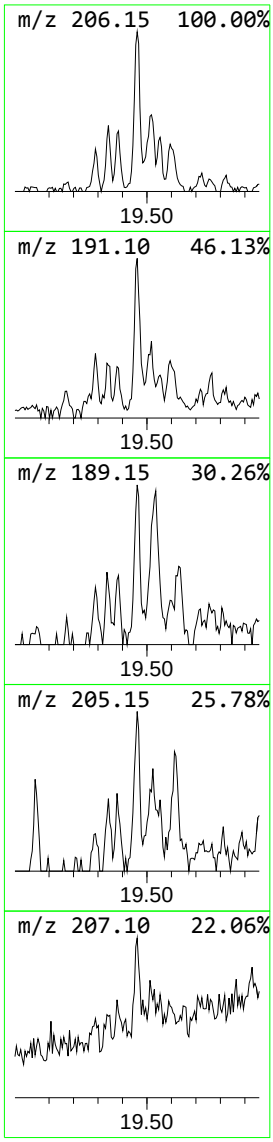
****

Peak Number 6 di-p-Tolylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.460	2.36 ng	46145	Phenanthrene-d10	17.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057609.D
Acq On : 30 May 2023 16:49
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

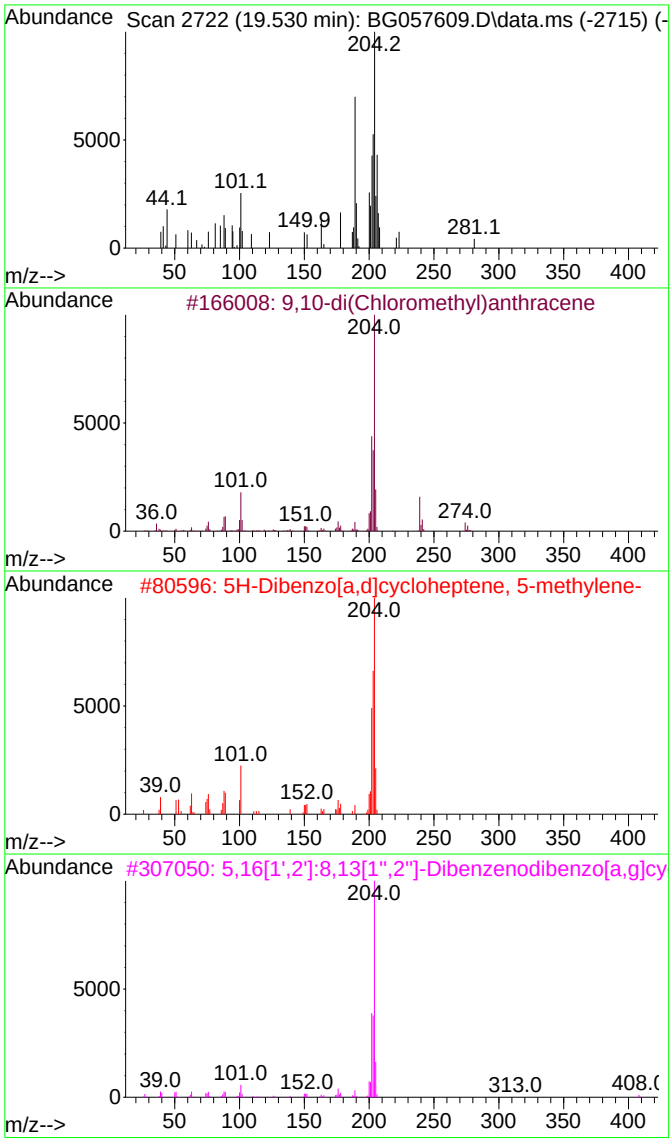
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

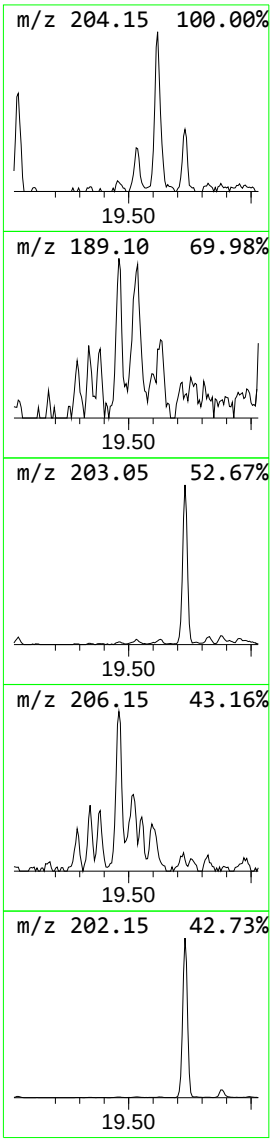
****

Peak Number 7 unknown19.530 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.530	2.19 ng	42987	Phenanthrene-d10	17.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	47
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	41
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	38
4	5-(Difluoromethyl)-3-methyl-1H-p...	204	C8H14F2N2Si	1000498-58-2	38
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057609.D
Acq On : 30 May 2023 16:49
Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

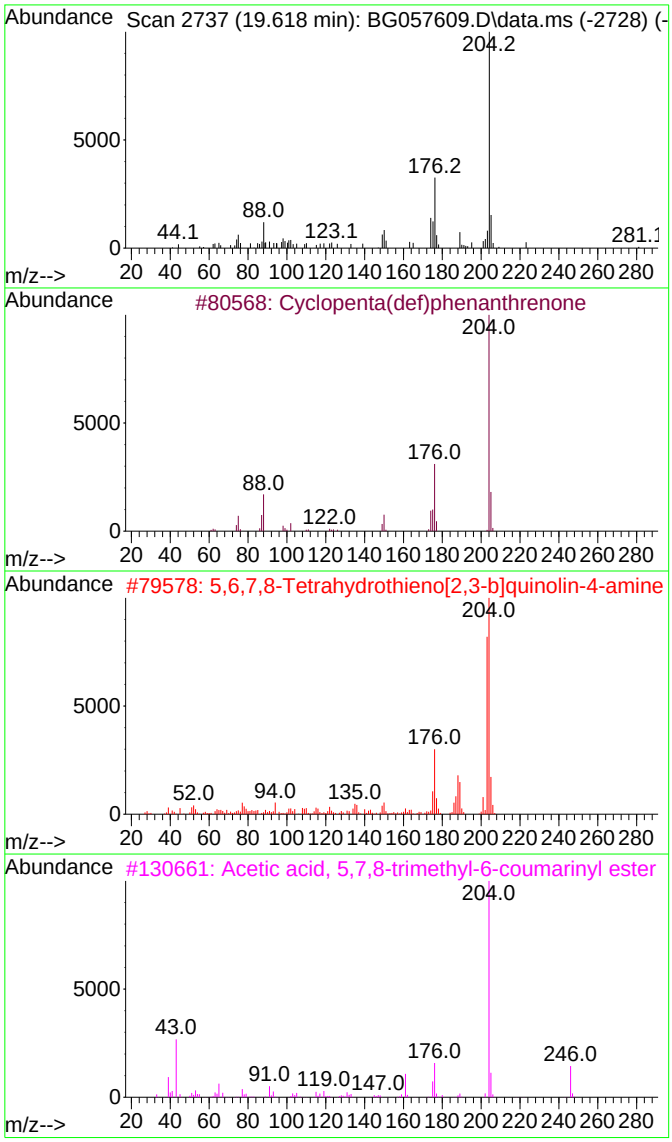
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

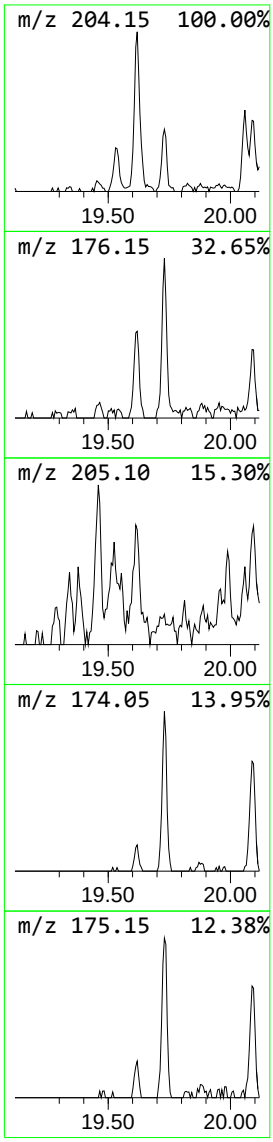
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.618	3.16 ng	61881	Phenanthrene-d10	17.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	Acetic acid, 5,7,8-trimethyl-6-c...	246	C14H14O4	100886-58-6	59
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59





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Data File : BG057609.D
Acq On : 30 May 2023 16:49
Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

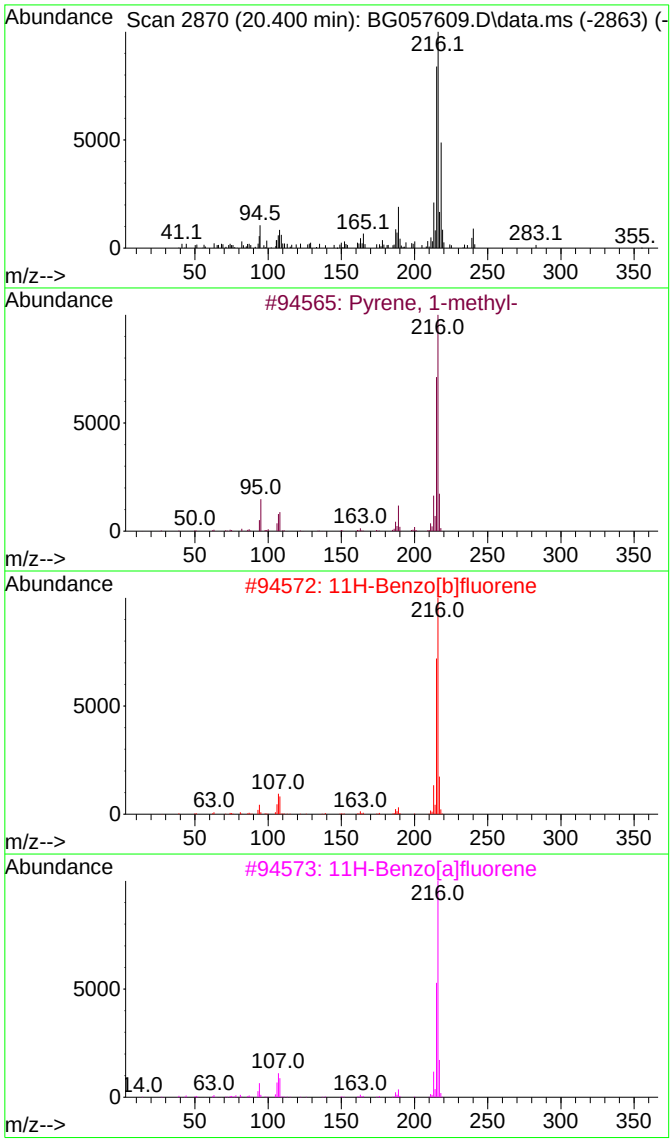
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

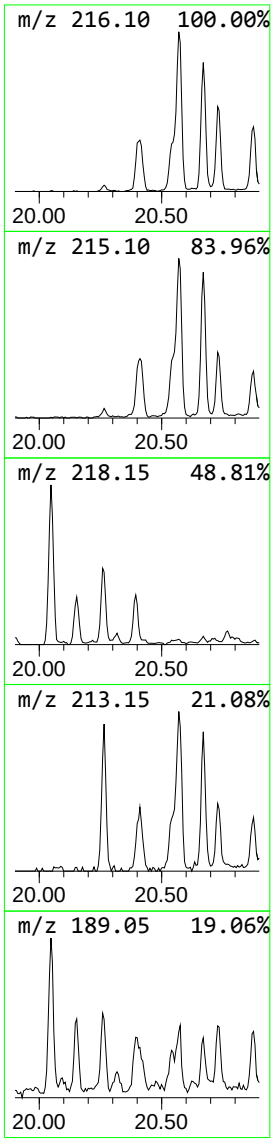
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.400	2.51 ng	130482	Chrysene-d12	22.003

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	76
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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Acq On : 30 May 2023 16:49
Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

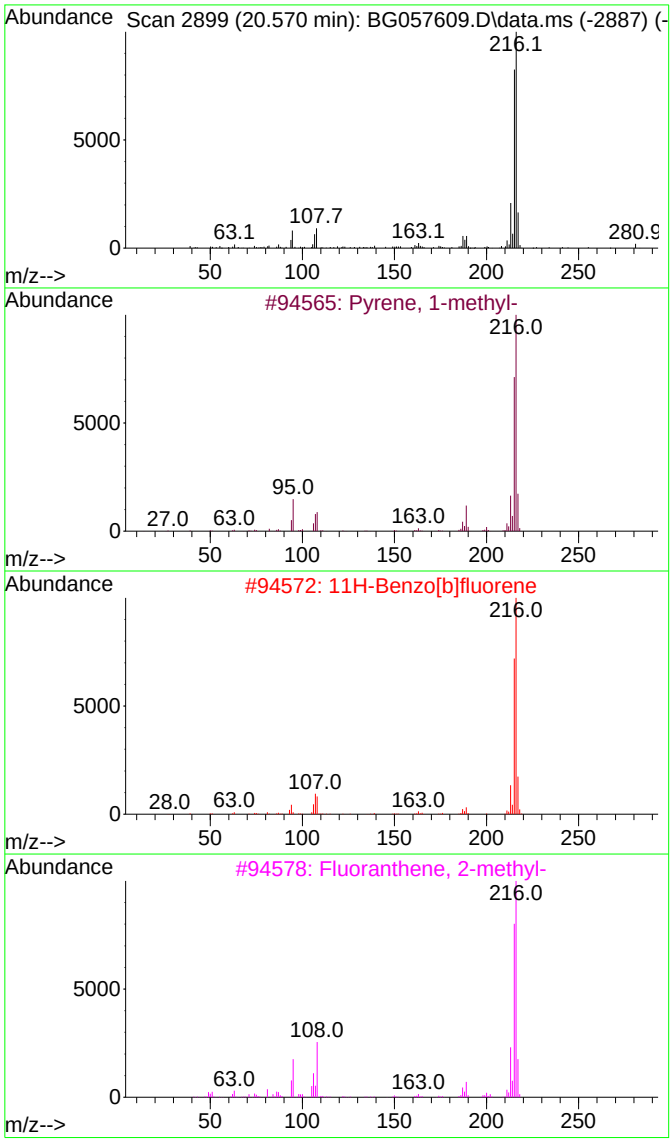
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

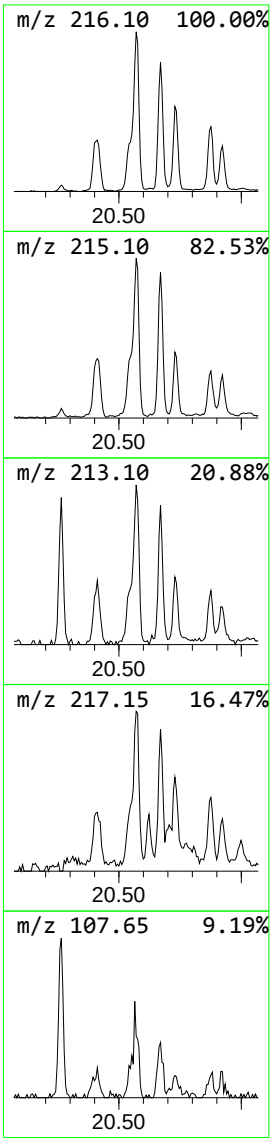
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.570	5.43 ng	282308	Chrysene-d12	22.003

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





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Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

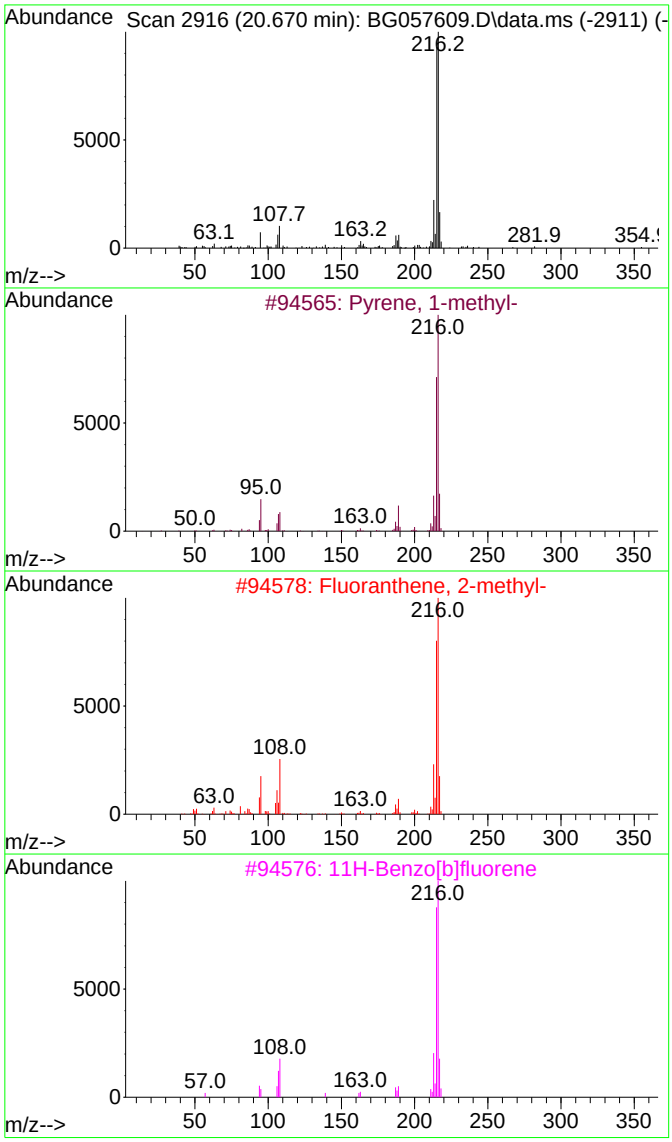
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

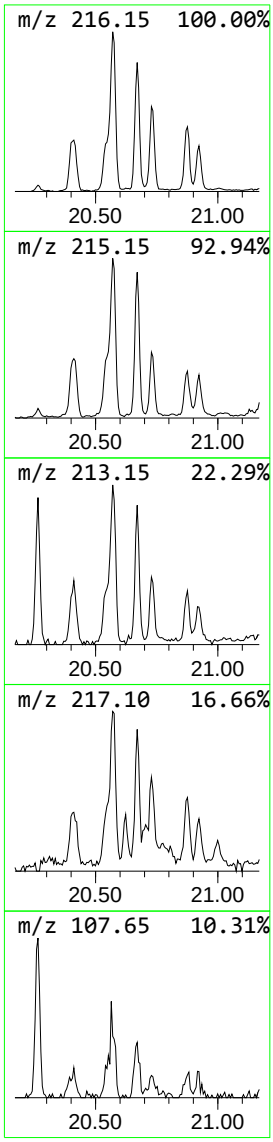
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.670	2.66 ng	138275	Chrysene-d12	22.003

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	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Acq On : 30 May 2023 16:49
Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

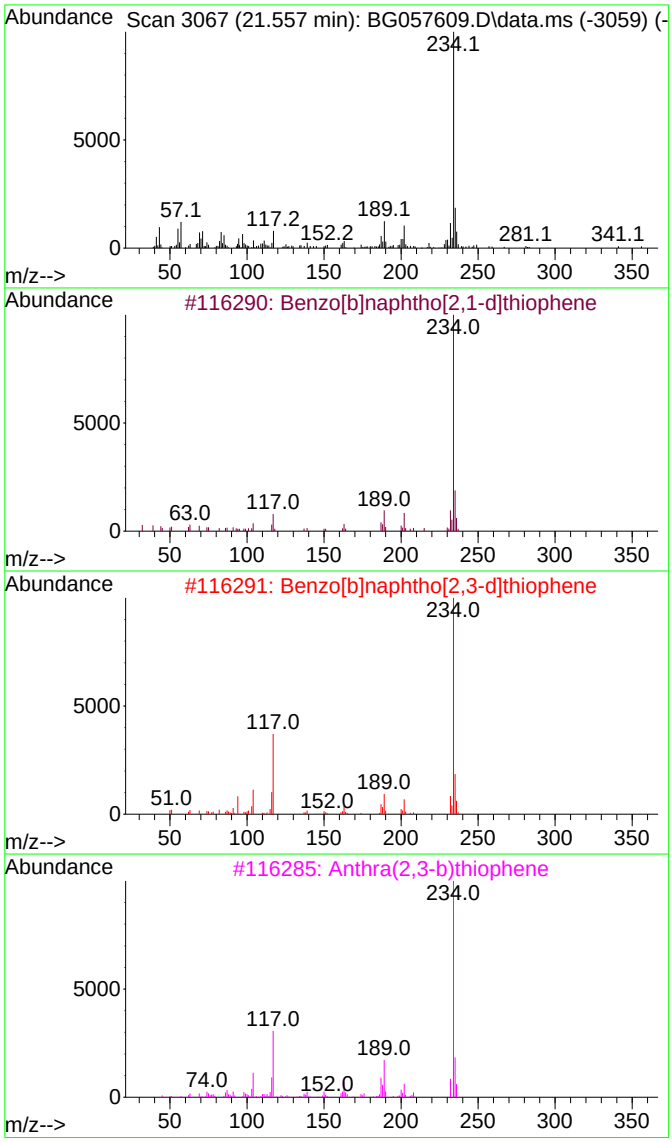
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

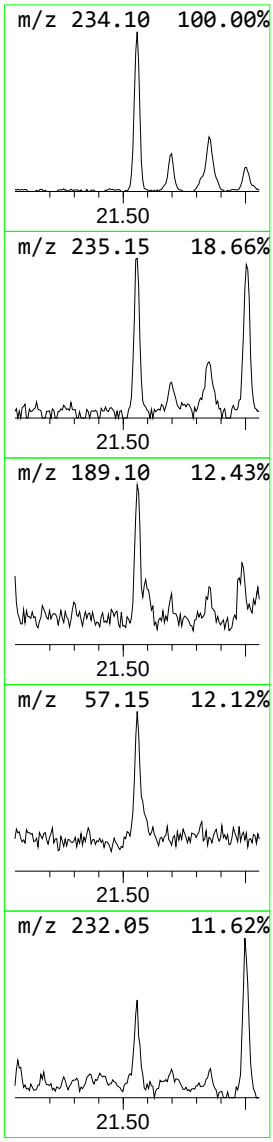
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.557	3.23 ng	167859	Chrysene-d12	22.003

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	87
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	72





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Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

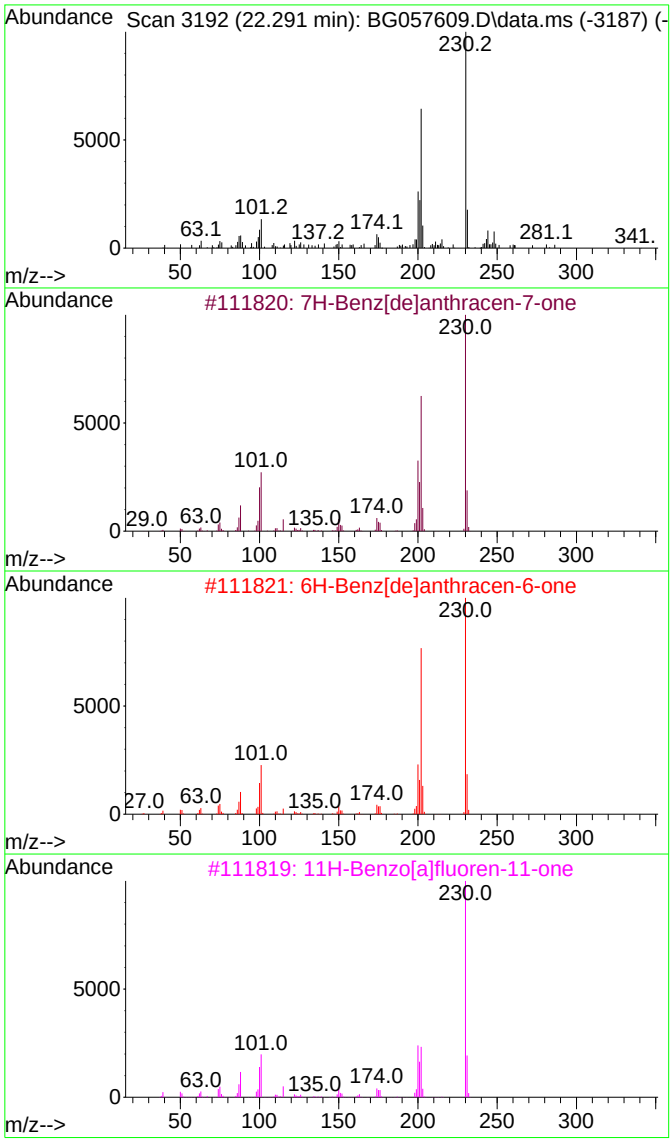
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

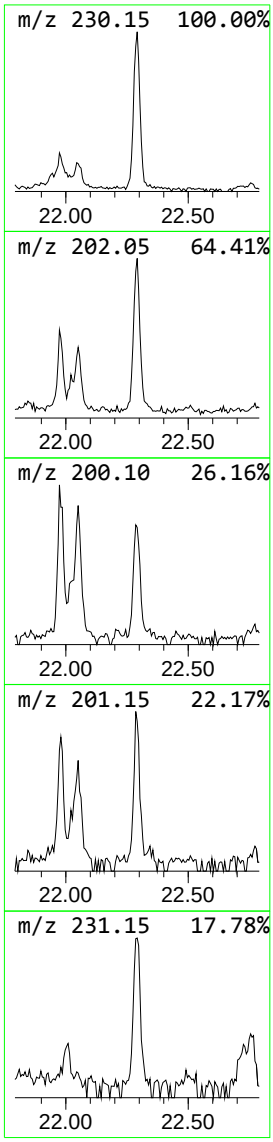
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.291	2.04 ng	105959	Chrysene-d12	22.003

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	76
4	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	59
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	58





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Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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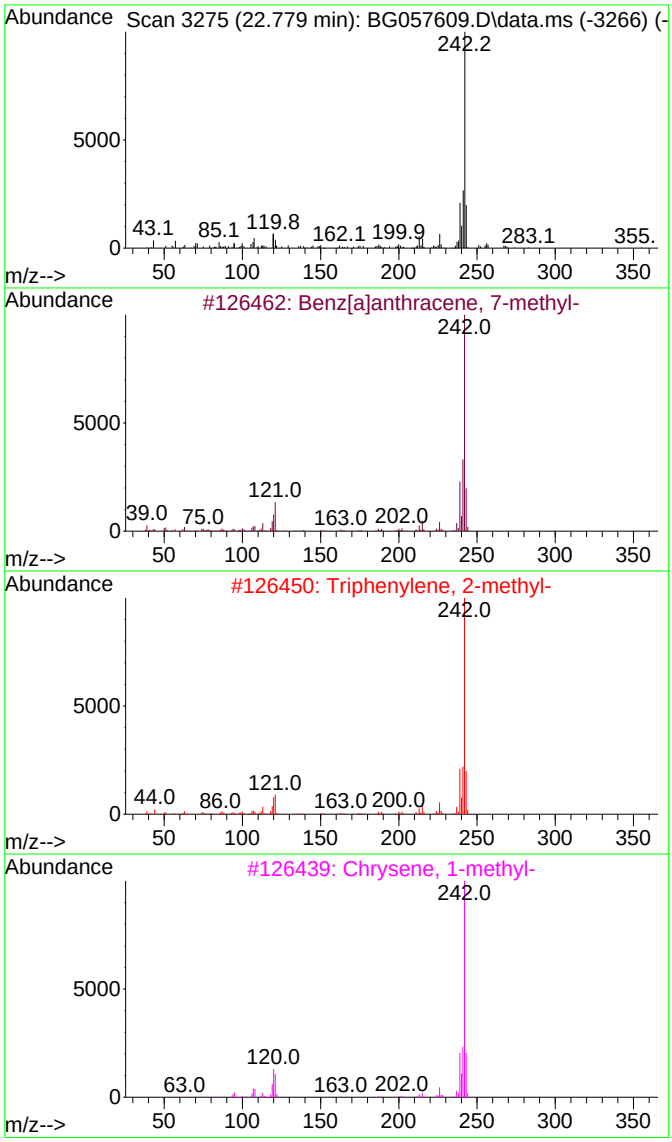
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

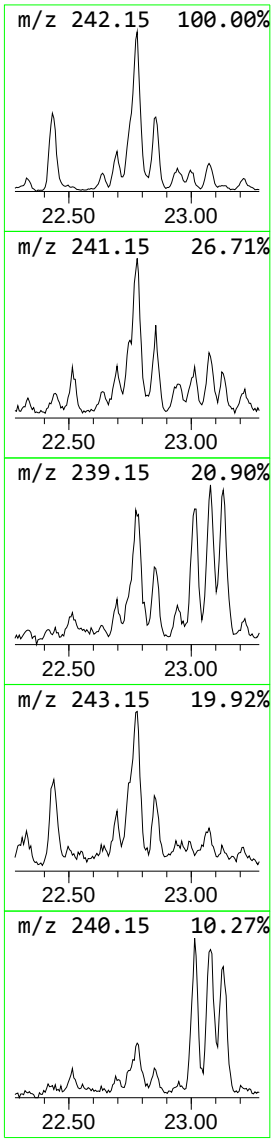
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benz[a]anthracene, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.779	3.46 ng	179790	Chrysene-d12	22.003

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	81
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	81
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	81





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Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.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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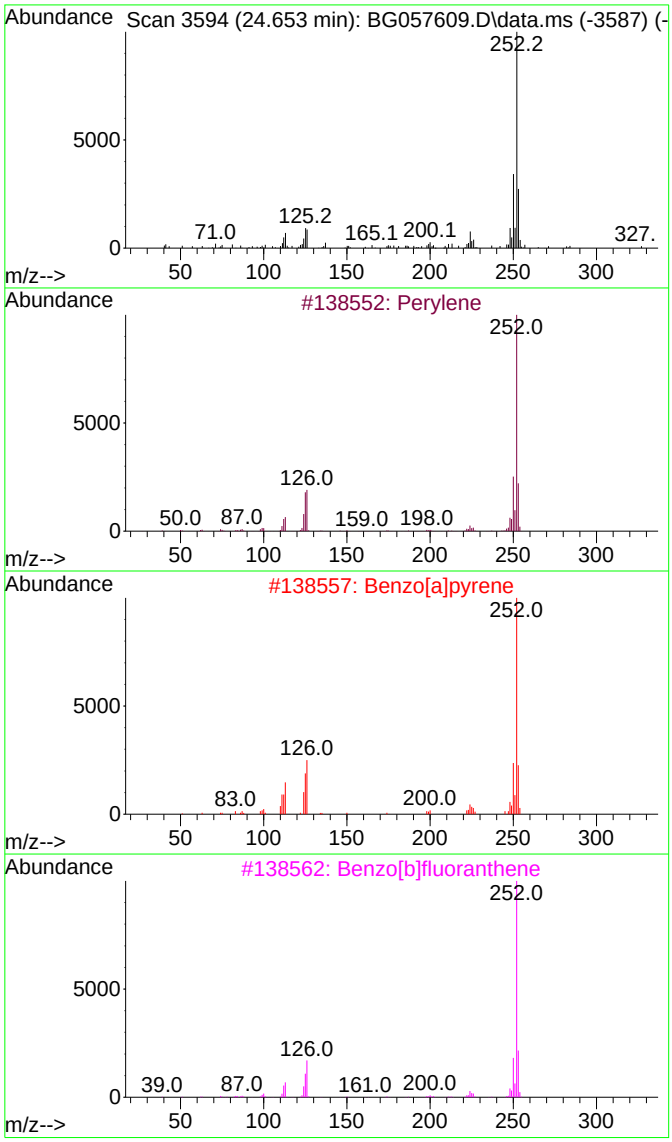
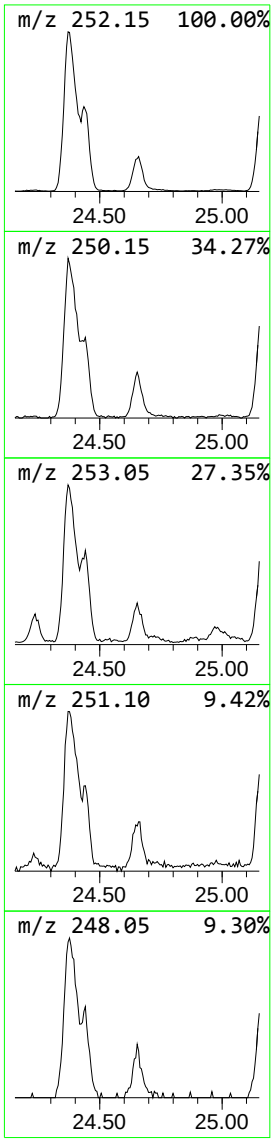
Peak Number 15 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.653	6.81 ng	137606	Perylene-d12	25.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	92
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





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Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.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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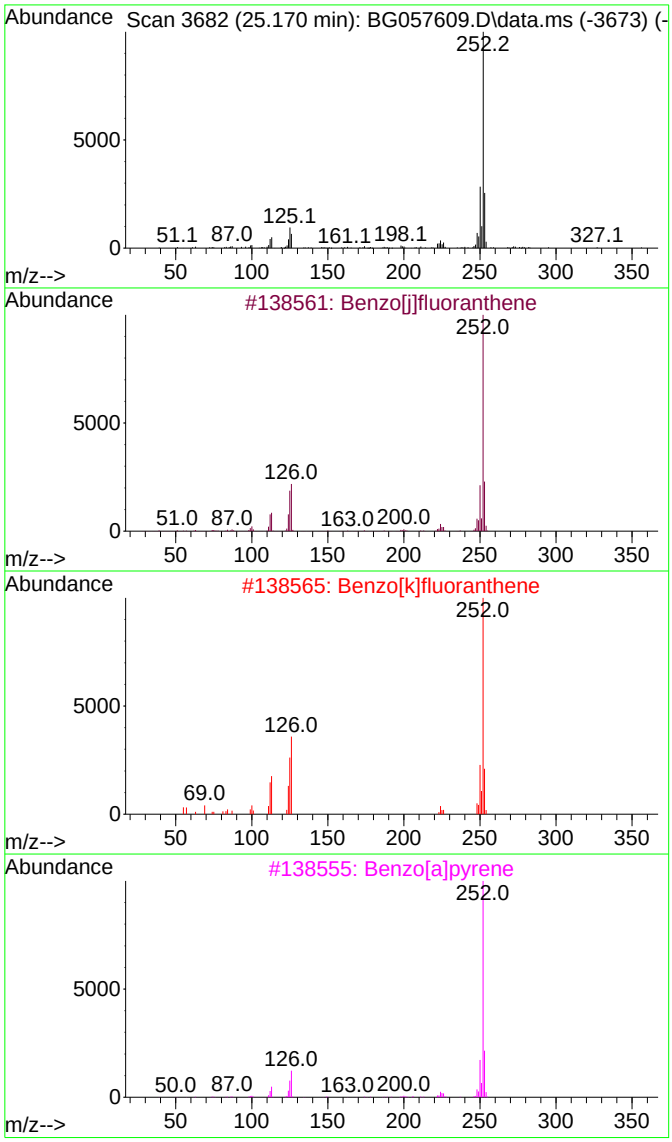
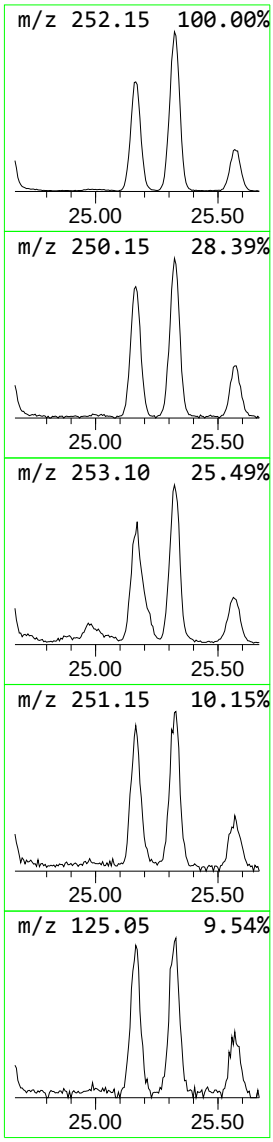
Peak Number 16 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.170	20.20 ng	408383	Perylene-d12	25.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[e]pyrene	252	C20H12	000192-97-2	91





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Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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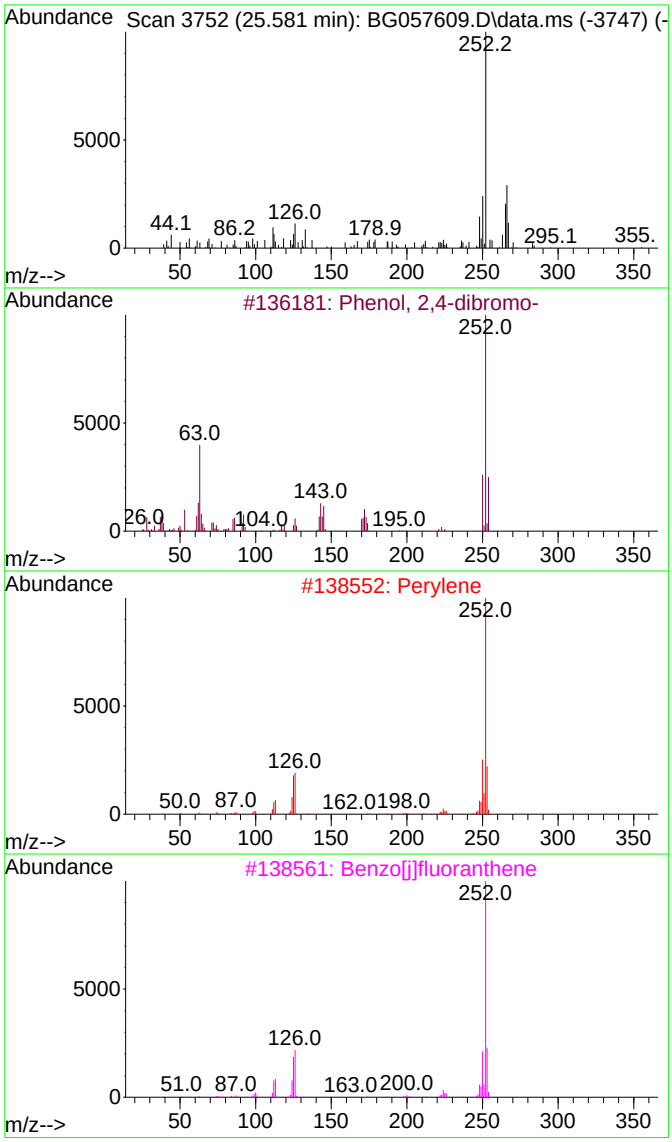
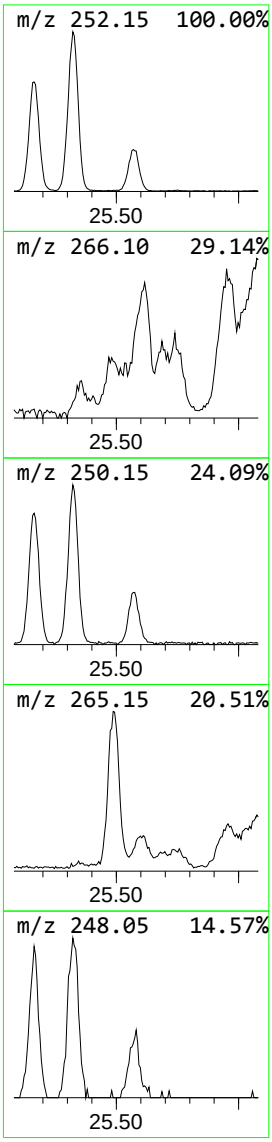
Peak Number 17 unknown25.581 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.581	8.18 ng	165476	Perylene-d12	25.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	43
2	Perylene	252	C20H12	000198-55-0	43
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	43
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	43
5	Benzo[e]pyrene	252	C20H12	000192-97-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057609.D
Acq On : 30 May 2023 16:49
Operator : CG/JU
Sample : 02955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.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
2-Pentanone, 4-...	5.367	8.9	ng	40323	1	8.340	90436	20.0
Benzophenone	16.294	3.7	ng	47965	3	14.960	259707	20.0
n-Hexadecanoic ...	18.532	2.0	ng	40106	4	17.698	391747	20.0
4H-Cyclopenta[d...	18.761	4.9	ng	96484	4	17.698	391747	20.0
di-p-Tolylacety...	19.460	2.4	ng	46145	4	17.698	391747	20.0
unknown19.530	19.530	2.2	ng	42987	4	17.698	391747	20.0
Cyclopenta(def)...	19.618	3.2	ng	61881	4	17.698	391747	20.0
Pyrene, 1-methyl-	20.400	2.5	ng	130482	5	22.003	1039460	20.0
11H-Benzo[b]flu...	20.570	5.4	ng	282308	5	22.003	1039460	20.0
Fluoranthene, 2...	20.670	2.7	ng	138275	5	22.003	1039460	20.0
Benzo[b]naphtho...	21.557	3.2	ng	167859	5	22.003	1039460	20.0
7H-Benz[de]anth...	22.291	2.0	ng	105959	5	22.003	1039460	20.0
Benz[a]anthrace...	22.779	3.5	ng	179790	5	22.003	1039460	20.0
Perylene	24.653	6.8	ng	137606	6	25.493	404413	20.0
Benzo[j]fluoran...	25.170	20.2	ng	408383	6	25.493	404413	20.0
unknown25.581	25.581	8.2	ng	165476	6	25.493	404413	20.0