LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056051.D
Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(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: BG056051.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.388	12	17	23	rBV	25774	36650	3.99%	0.397%
2	5.403	354	360	366	rBB	20830	30626	3.34%	0.332%
3	5.879	435	441	448	rBB	159192	248737	27.09%	2.697%
4	7.495	708	716	723	rBB	164007	281380	30.65%	3.050%
5	8.358	857	863	869	rBV	37186	59969	6.53%	0.650%
6	9.533	1056	1063	1070	rBB	102468	180725	19.69%	1.959%
7	11.196	1338	1346	1352	rBV	50945	87237	9.50%	0.946%
8	13.599	1747	1755	1761	rBB	361114	542390	59.08%	5.880%
9	14.692	1936	1941	1949	rBV3	7329	13748	1.50%	0.149%
10	14.968	1978	1988	1994	rVV2	92171	144605	15.75%	1.568%
11	15.027	1994	1998	2005	rVB2	7151	11243	1.22%	0.122%
12	16.008	2159	2165	2173	rVB2	10398	18431	2.01%	0.200%
13	16.302	2208	2215	2223	rVB2	24768	38875	4.23%	0.421%
14	16.443	2232	2239	2247	rVB	400515	613651	66.84%	6.653%
15	17.007	2325	2335	2339	rVB5	4785	10855	1.18%	0.118%
16	17.354	2388	2394	2400	rBV2	9062	14604	1.59%	0.158%
17	17.524	2418	2423	2431	rVB	8284	12870	1.40%	0.140%
18	17.706	2446	2454	2457	rBV	129974	196772	21.43%	2.133%
19	17.747	2457	2461	2467	rVV	162599	238530	25.98%	2.586%
20	17.835	2467	2476	2481	rVV	34954	61065	6.65%	0.662%
21	18.094	2512	2520	2529	rBV2	16771	34815	3.79%	0.377%
22	18.552	2593	2598	2605	rBV2	44123	91601	9.98%	0.993%
23	18.617	2605	2609	2614	rVB	36664	53595	5.84%	0.581%
24	18.699	2615	2623	2628	rBV	14676	21929	2.39%	0.238%
25	18.764	2628	2634	2639	rBV3	39951	86908	9.47%	0.942%
26	18.799	2639	2640	2645	rVB	19401	16470	1.79%	0.179%
27	19.057	2678	2684	2688	rBV	25774	39197	4.27%	0.425%
28	19.099	2688	2691	2696	rVB4	15185	21571	2.35%	0.234%
29	19.298	2721	2725	2729	rVB2	9066	11182	1.22%	0.121%
30	19.345	2729	2733	2737	rBV2	8195	12611	1.37%	0.137%
31	19.386	2737	2740	2745	rVB2	8482	10477	1.14%	0.114%
32	19.469	2747	2754	2759	rBV2	24129	47258	5.15%	0.512%
33	19.533	2759	2765	2769	rVV5	13377	33750	3.68%	0.366%
34	19.610	2773	2778	2785	rVB2	17933	33745	3.68%	0.366%
35	19.739	2793	2800	2805	rBV	342068	505187	55.03%	5.477%
36	19.827	2805	2815	2819	rVB6	14157	44783	4.88%	0.485%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056051.D
Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(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	19.880	2819	2824	2828	rBV	20196	30325	3.30%	0.329%
38	19.980	2833	2841	2848	rVB3	14301	38641	4.21%	0.419%
39	20.062	2848	2855	2857	rBV2	54470	95372	10.39%	1.034%
40	20.097	2857	2861	2867	rVV	325574	449611	48.98%	4.874%
41	20.162	2867	2872	2878	rVB3	18793	30608	3.33%	0.332%
42	20.280	2885	2892	2897	rBV	705483	918038	100.00%	9.952%
43	20.327	2897	2900	2907	rVB	23265	39073	4.26%	0.424%
44	20.415	2908	2915	2920	rBV4	25646	64060	6.98%	0.694%
45	20.573	2931	2942	2947	rVB2	40197	104437	11.38%	1.132%
46	20.673	2956	2959	2963	rBV	18127	26452	2.88%	0.287%
47	20.738	2963	2970	2974	rVV3	32717	63864	6.96%	0.692%
48	20.879	2990	2994	2998	rBV2	23252	33731	3.67%	0.366%
49	20.926	2999	3002	3010	rVB3	22099	36095	3.93%	0.391%
50	21.143	3033	3039	3042	rBV5	8944	19939	2.17%	0.216%
51	21.179	3042	3045	3050	rVV6	8375	16396	1.79%	0.178%
52	21.361	3072	3076	3084	rVB	34508	60553	6.60%	0.656%
53	21.560	3101	3110	3112	rBV2	27328	63829	6.95%	0.692%
54	21.596	3113	3116	3123	rVV2	49484	98723	10.75%	1.070%
55	21.660	3123	3127	3132	rVV2	37817	70802	7.71%	0.768%
56	21.713	3132	3136	3146	rVB2	34972	71904	7.83%	0.780%
57	21.995	3177	3184	3191	rVV3	221054	617108	67.22%	6.690%
58	22.060	3191	3195	3208	rVB	142984	278545	30.34%	3.020%
59	22.224	3219	3223	3229	rVB2	26029	41930	4.57%	0.455%
60	22.295	3231	3235	3242	rVB4	19974	35171	3.83%	0.381%
61	22.442	3255	3260	3266	rBV2	25236	48305	5.26%	0.524%
62	22.788	3315	3319	3324	rVB2	25709	49158	5.35%	0.533%
63	22.865	3329	3332	3340	rVB2	20377	37073	4.04%	0.402%
64	23.082	3366	3369	3374	rBV	10035	16753	1.82%	0.182%
65	23.229	3392	3394	3403	rVB4	14896	32588	3.55%	0.353%
66	24.387	3581	3591	3599	rBV	115397	413699	45.06%	4.485%
67	24.663	3632	3638	3647	rVB	28017	72423	7.89%	0.785%
68	25.168	3717	3724	3739	rVB2	72041	240707	26.22%	2.610%
69	25.332	3742	3752	3765	rVB2	107910	341217	37.17%	3.699%
70	25.497	3769	3780	3788	rBV2	86488	281623	30.68%	3.053%
71	25.585	3790	3795	3810	rVB3	32616	102316	11.15%	1.109%
72	29.516	4451	4464	4478	rBV2	43120	217228	23.66%	2.355%
73	30.773	4666	4678	4692	rBV2	33040	157902	17.20%	1.712%

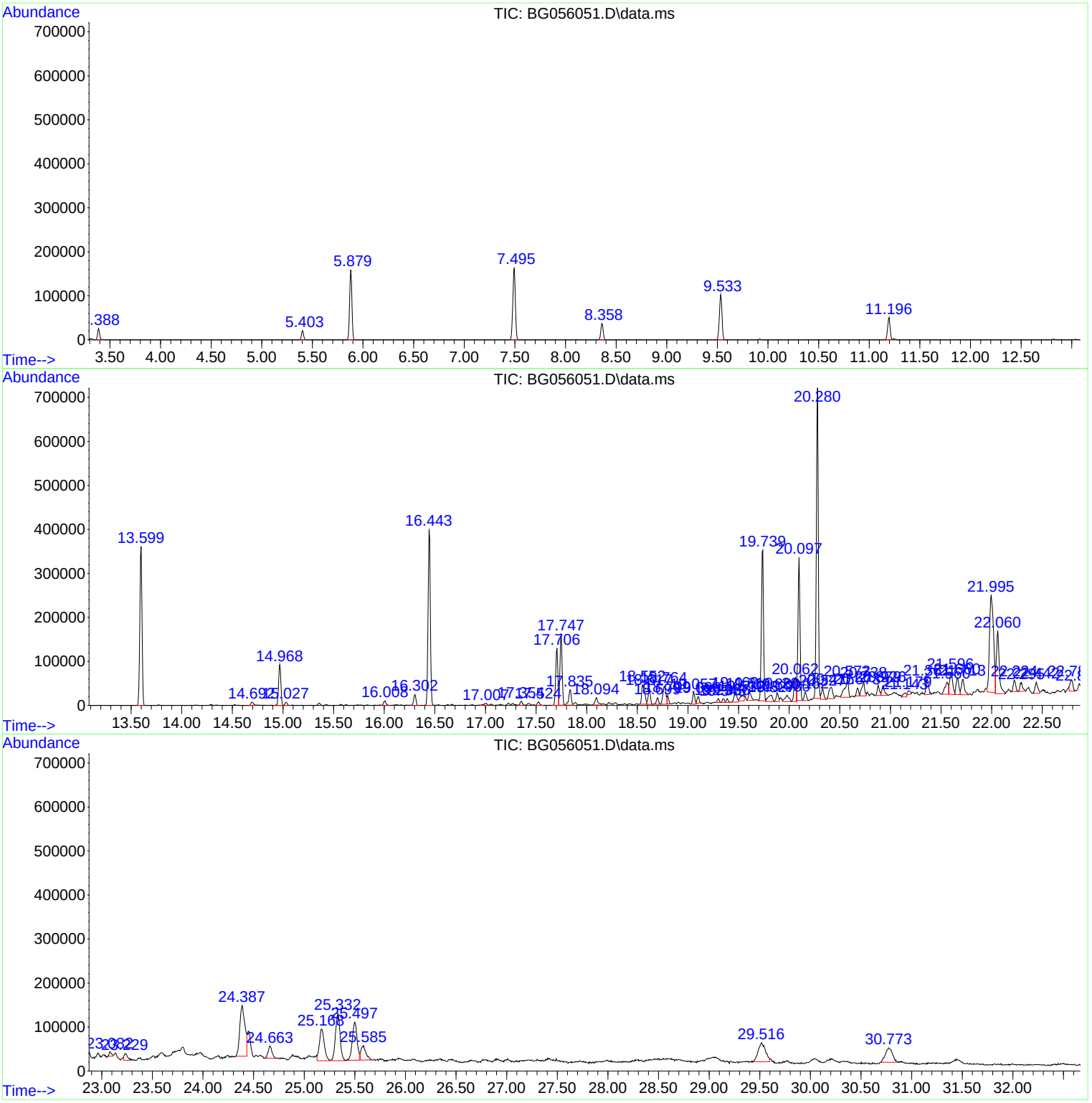
Sum of corrected areas: 9224241

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056051.D
Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(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\BG122122\
Data File : BG056051.D
Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(1-3)

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

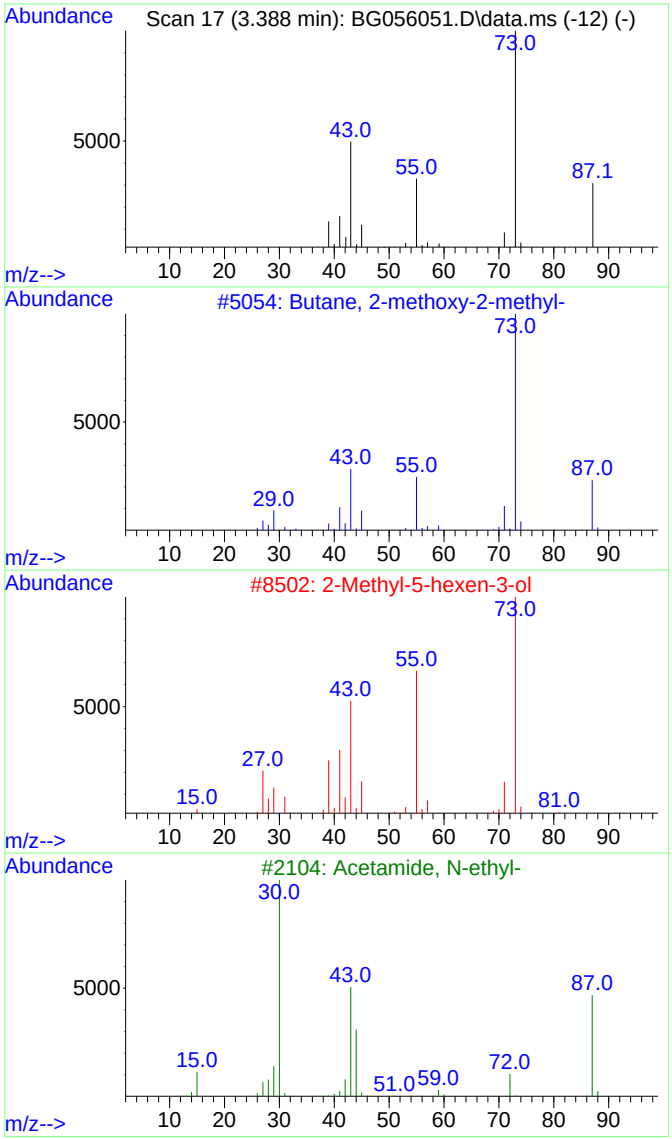
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

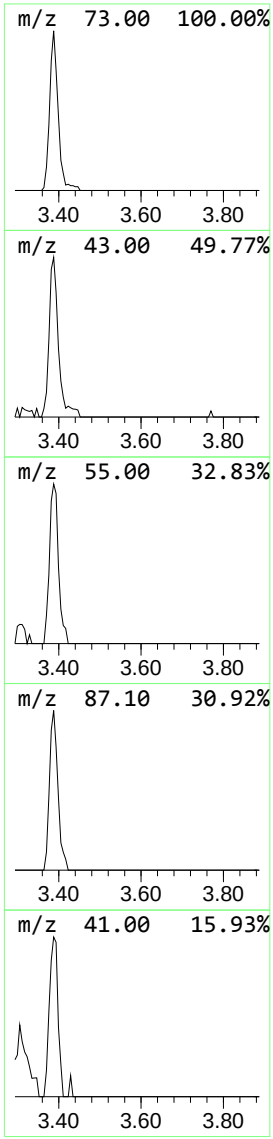
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.388	12.22 ng	36650	1,4-Dichlorobenzene-d4	8.364

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056051.D
Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(1-3)

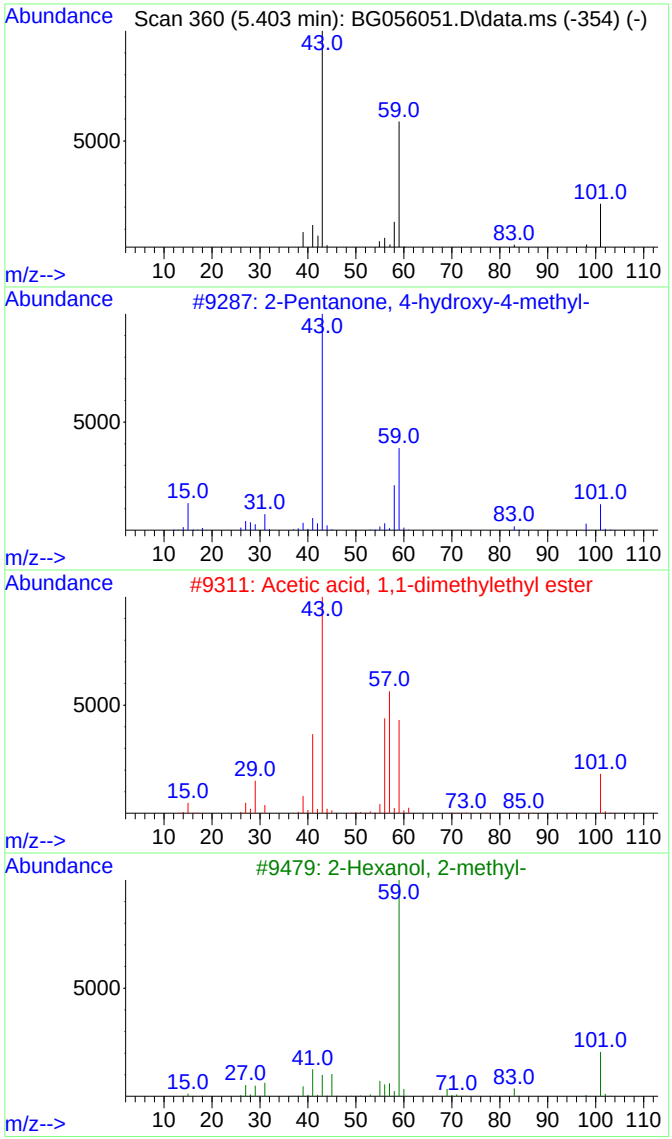
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

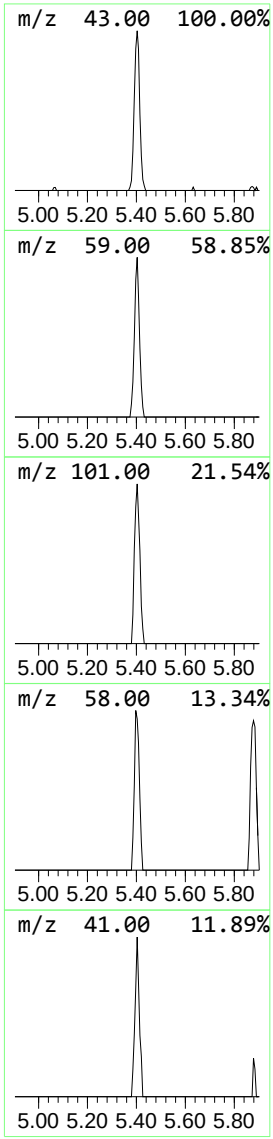
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.403	10.21 ng	30626	1,4-Dichlorobenzene-d4	8.364

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	40
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056051.D
Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(1-3)

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

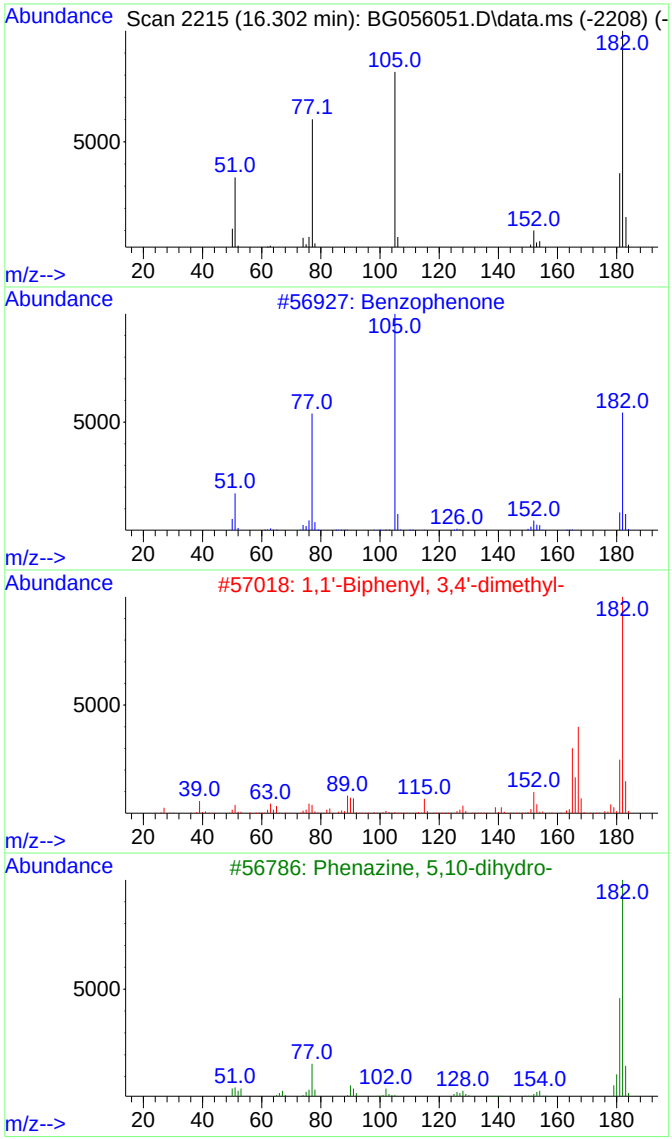
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

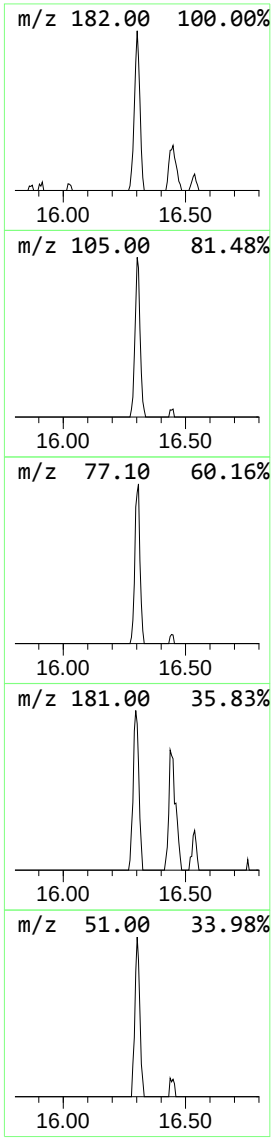
****

Peak Number 4 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.302	5.38 ng	38875	Acenaphthene-d10	14.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	49
3	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	49
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056051.D
Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(1-3)

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

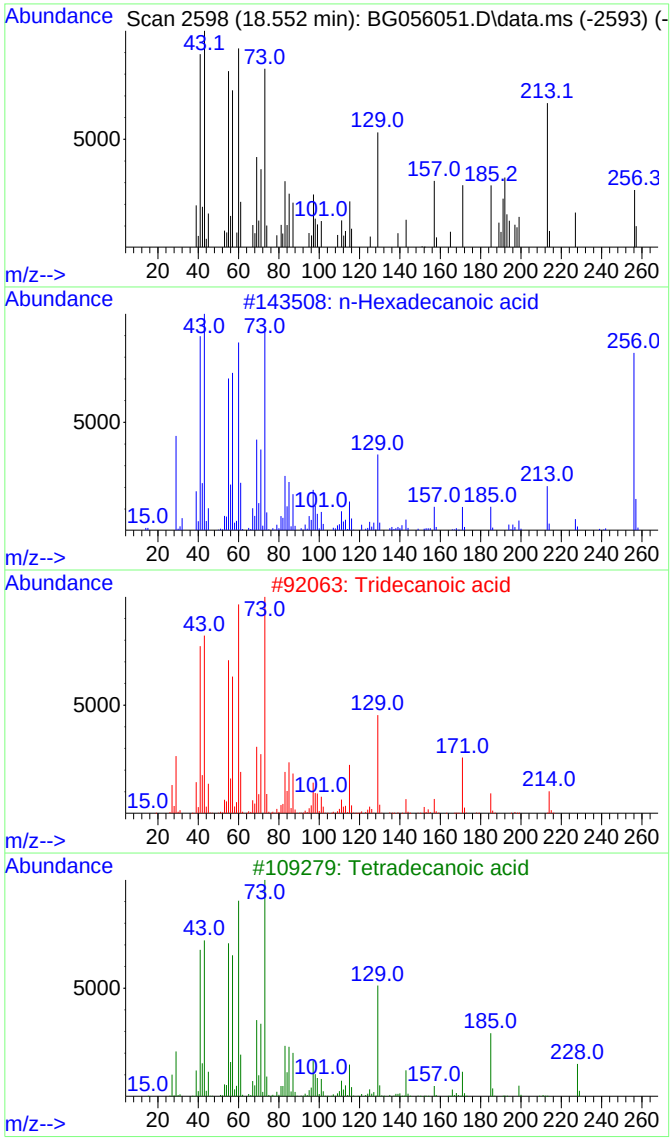
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

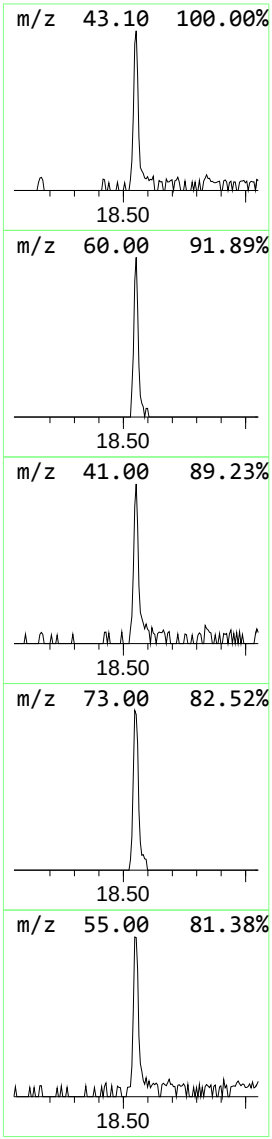
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.552	9.31 ng	91601	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	45
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	38
5	n-Decanoic acid	172	C10H20O2	000334-48-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056051.D
Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(1-3)

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

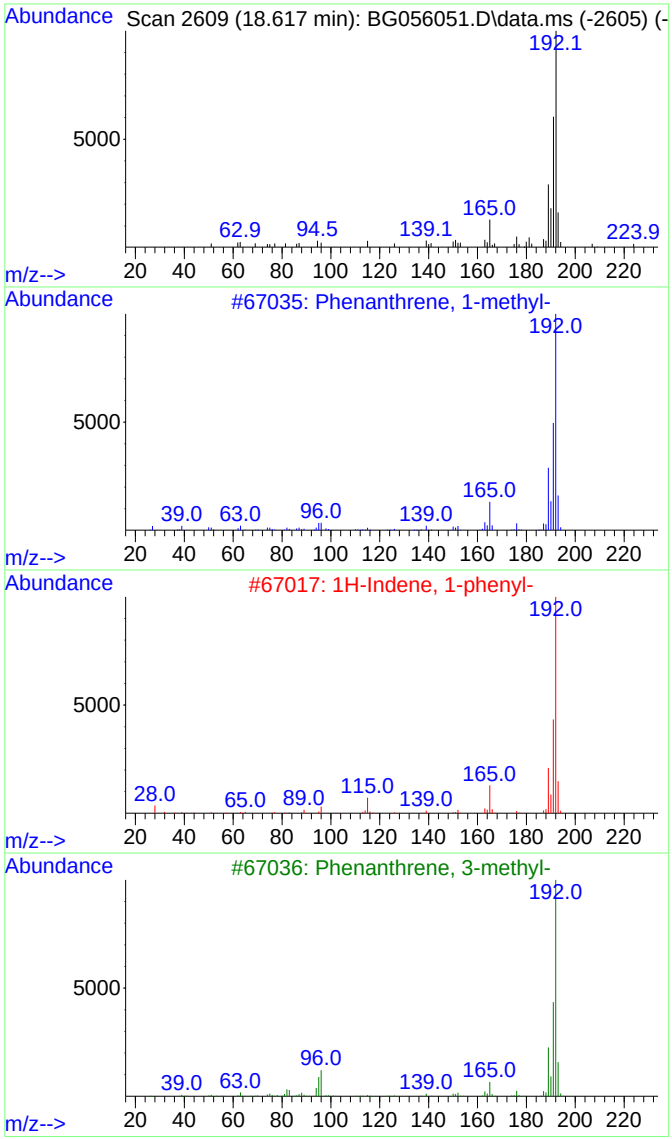
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

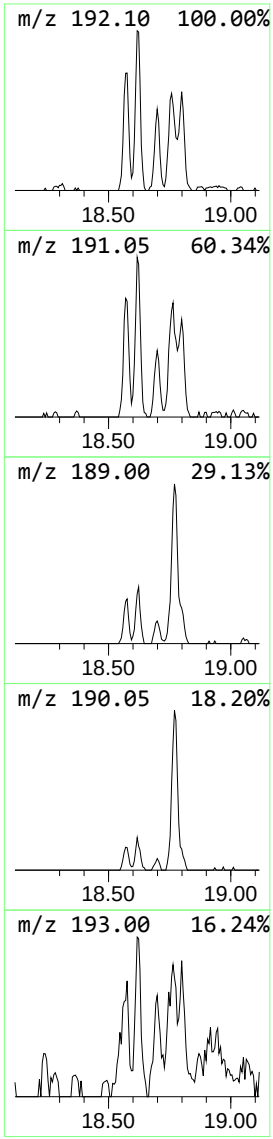
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.617	5.45 ng	53595	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056051.D
Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(1-3)

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

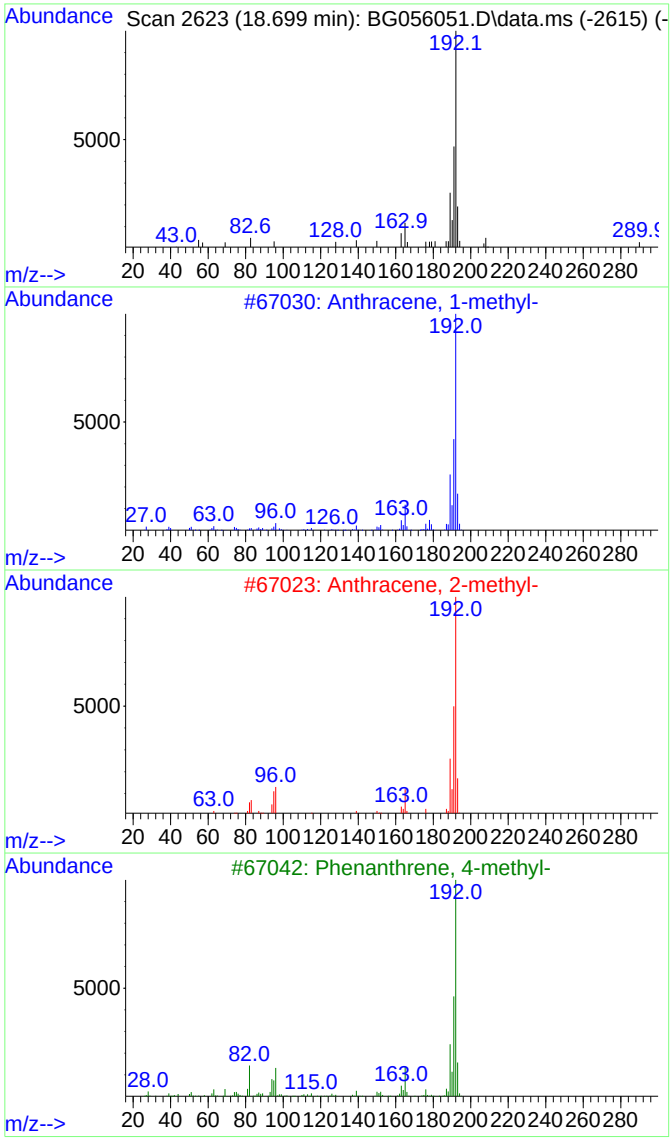
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

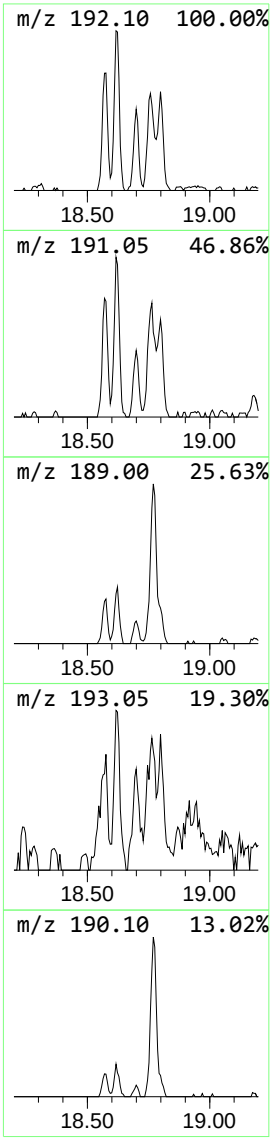
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.699	2.23 ng	21929	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056051.D
Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(1-3)

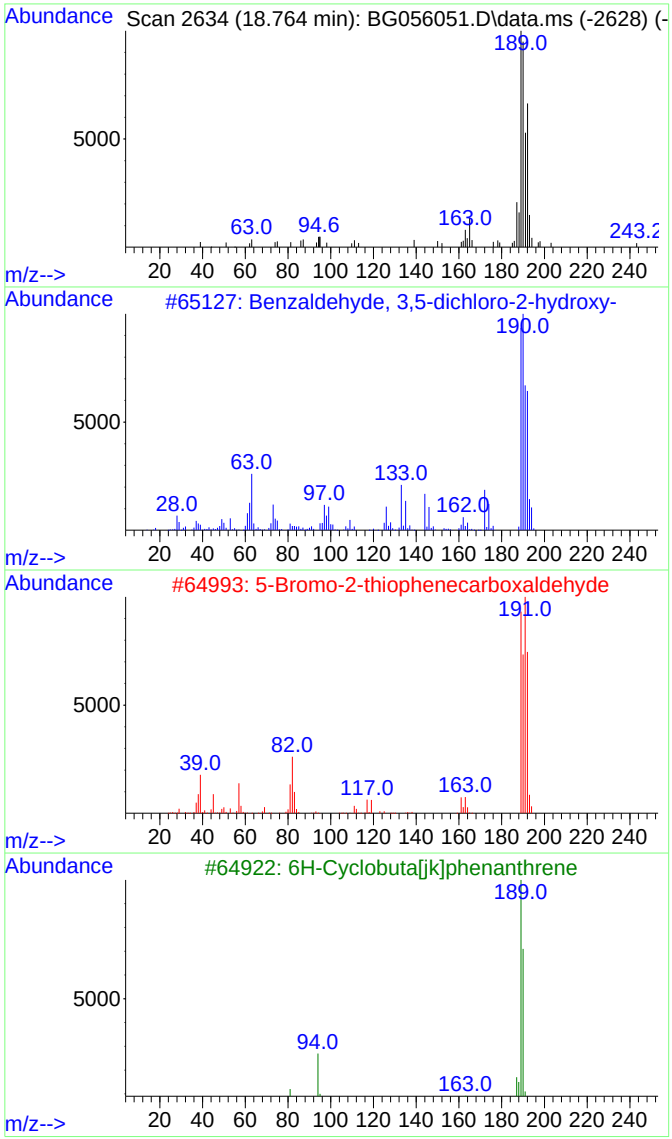
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

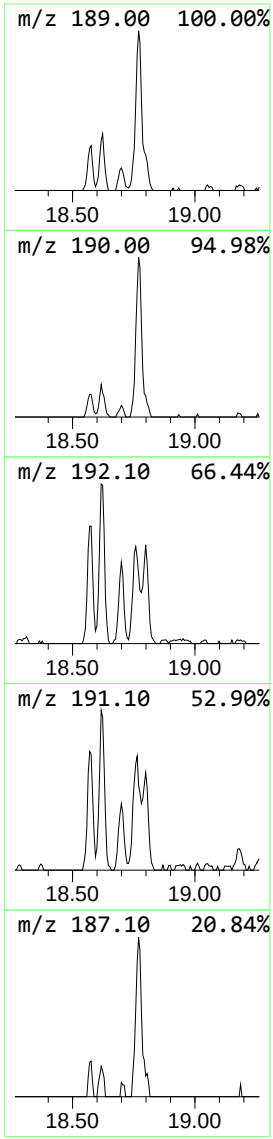
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.764	8.83 ng	86908	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43





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Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(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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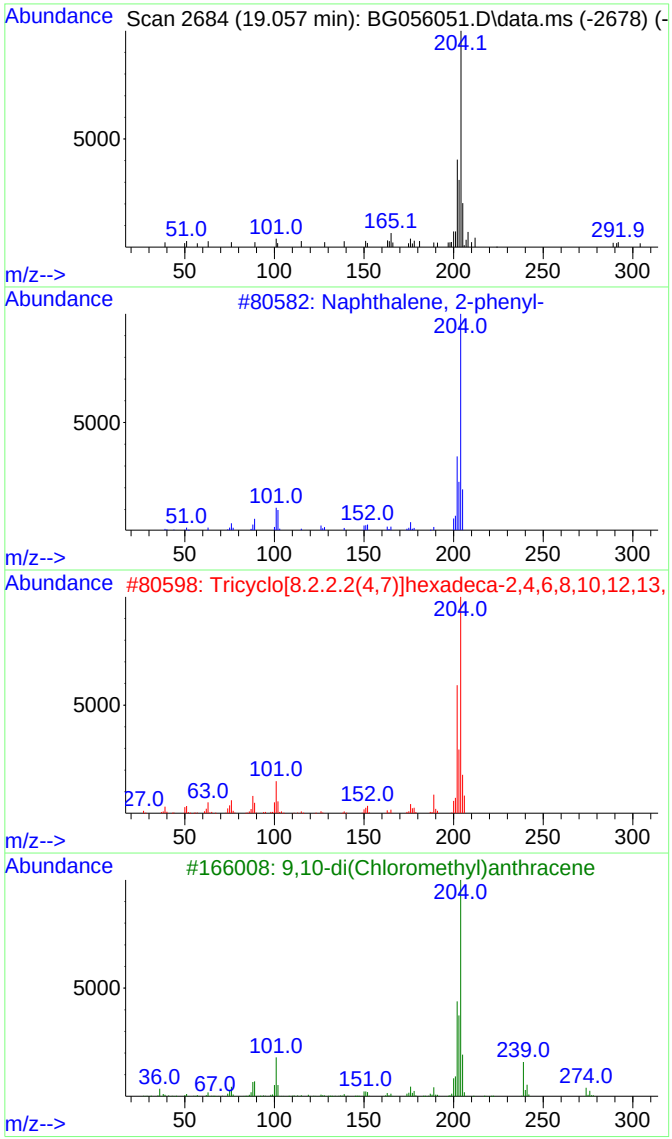
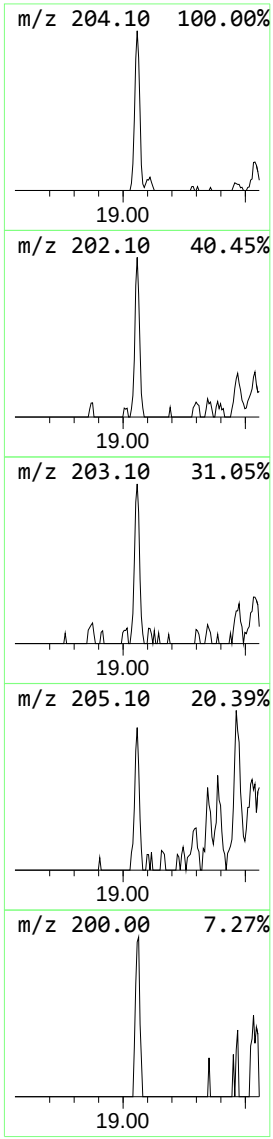
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.058	3.98 ng	39197	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	56
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	46





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Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-22-(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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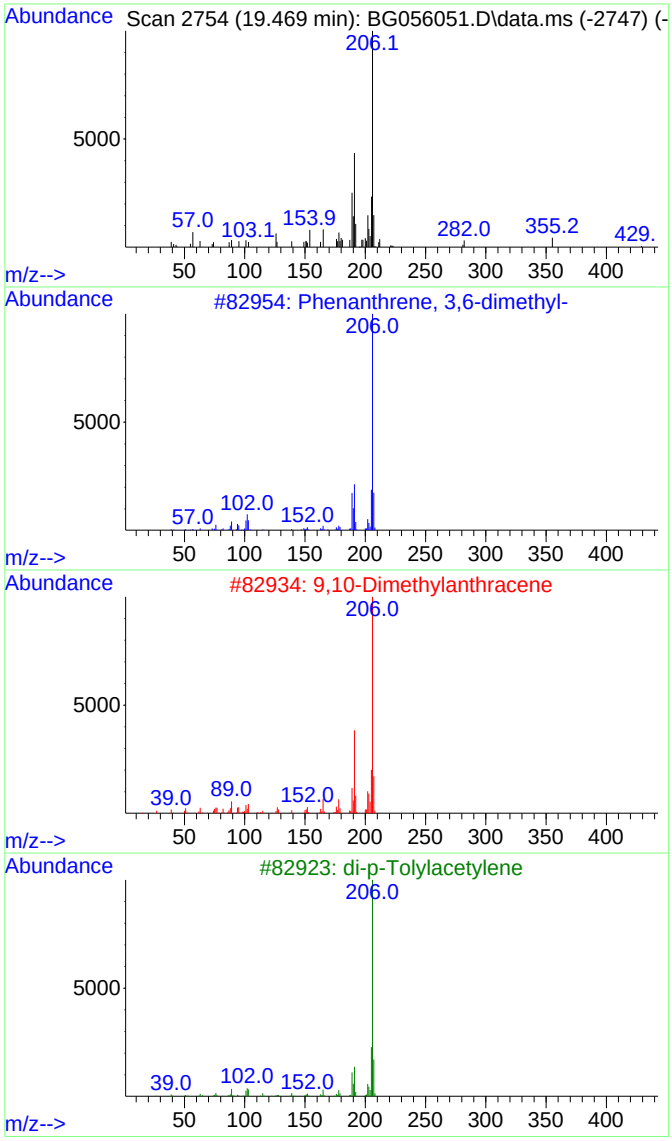
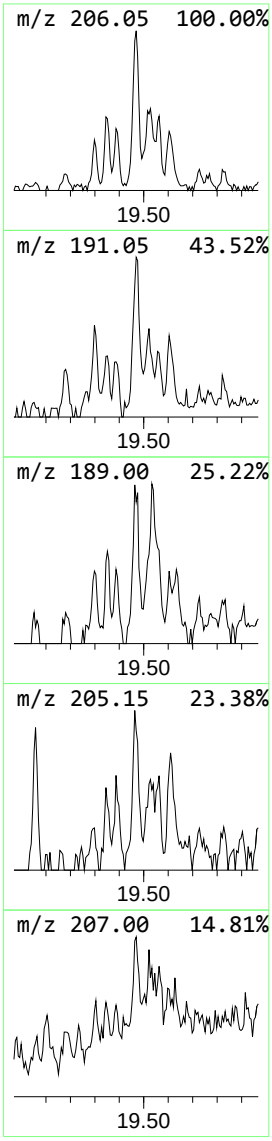
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.469	4.80 ng	47258	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	80





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Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(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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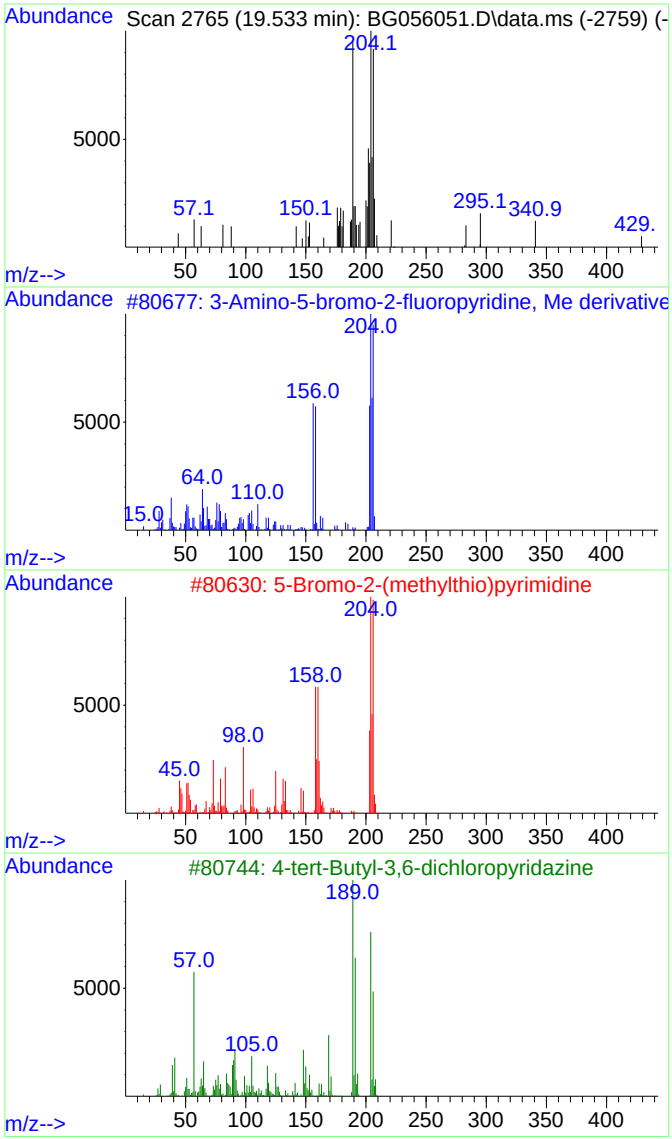
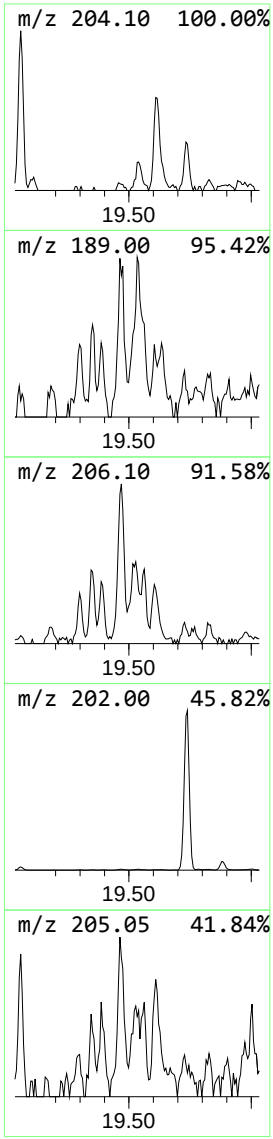
Peak Number 11 unknown19.533 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.533	3.43 ng	33750	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Amino-5-bromo-2-fluoropyridine...	204	C6H6BrFN2	1000496-58-8	47
2	5-Bromo-2-(methylthio)pyrimidine	204	C5H5BrN2S	014001-67-3	47
3	4-tert-Butyl-3,6-dichloropyridazine	204	C8H10Cl2N2	022808-29-3	43
4	4-Pyridinol 3,5-dichloro-2-ethyl...	205	C8H9Cl2NO	1000253-55-0	35
5	Cyclopropa[a]dibenzo[c,f]cyclohe...	236	C17H16O	1000210-38-0	35





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Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(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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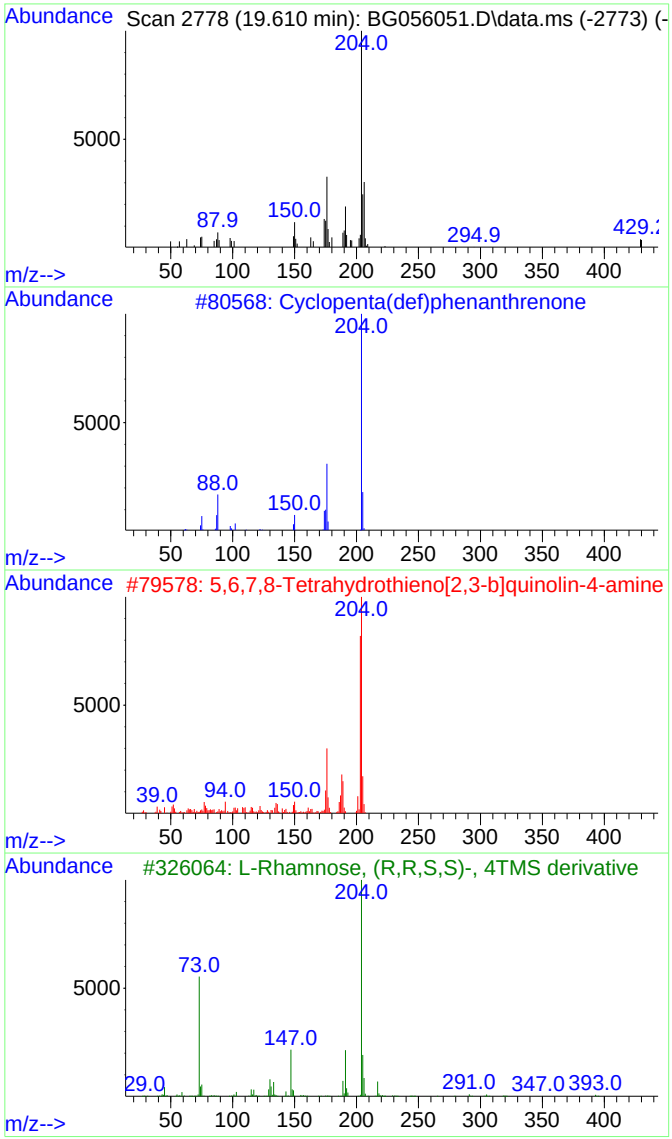
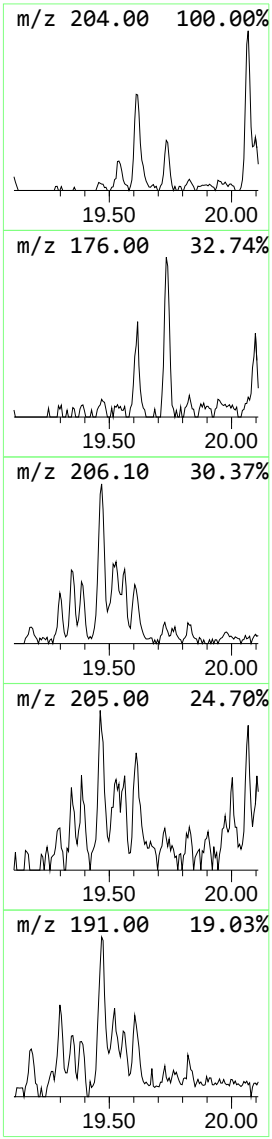
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.610	3.43 ng	33745	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	50
4	Carbostyril, 3-ethyl-4-hydroxy-7...	219	C12H13NO3	022048-12-0	50
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(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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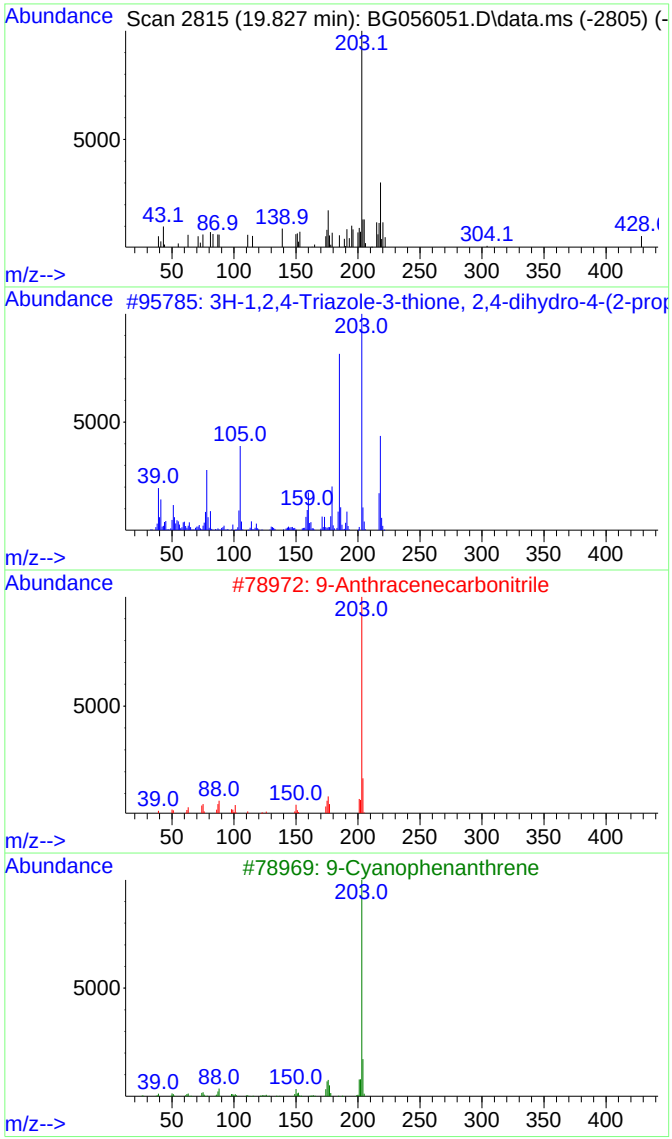
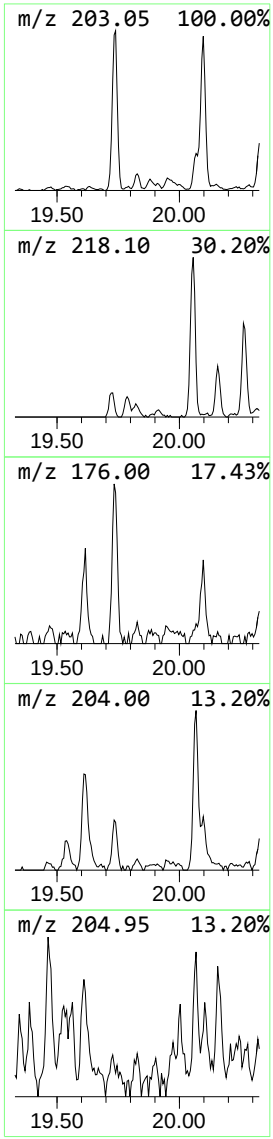
Peak Number 13 3H-1,2,4-Triazole-3-thione,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.827	4.55 ng	44783	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2,4-Triazole-3-thione, 2,4-...	218	C10H10N4S	091813-63-7	59
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	55
3	9-Cyanophenanthrene	203	C15H9N	002510-55-6	55
4	Ar-himachalen-2-ol	218	C15H22O	119660-66-1	52
5	8-Acetyl-7-methoxycoumarin	218	C12H10O4	089019-07-8	50





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Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(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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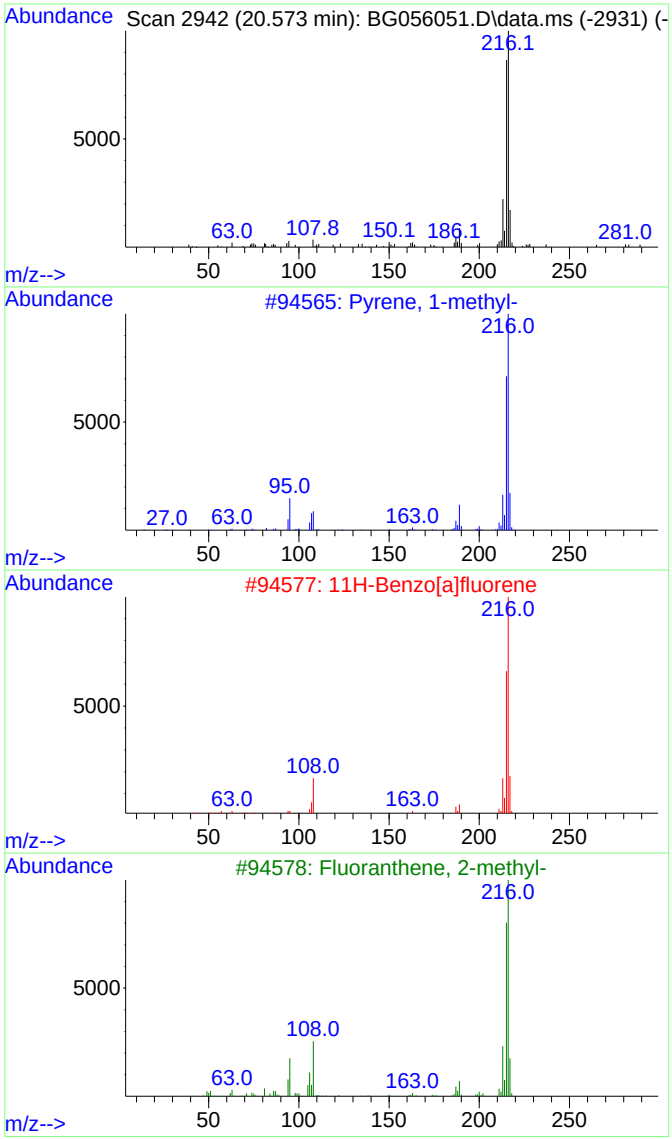
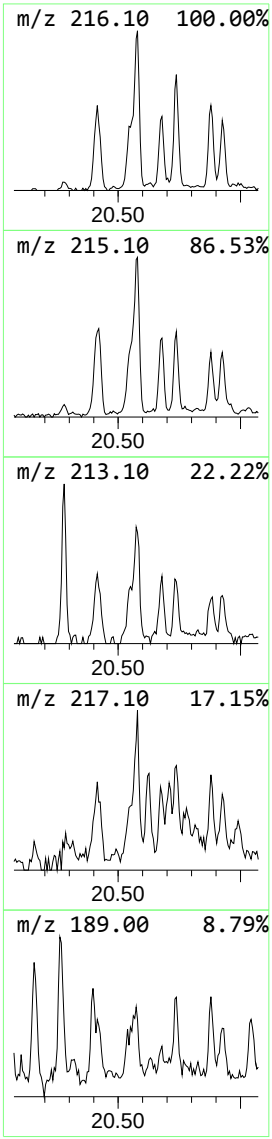
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.573	3.38 ng	104437	Chrysene-d12	22.007

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
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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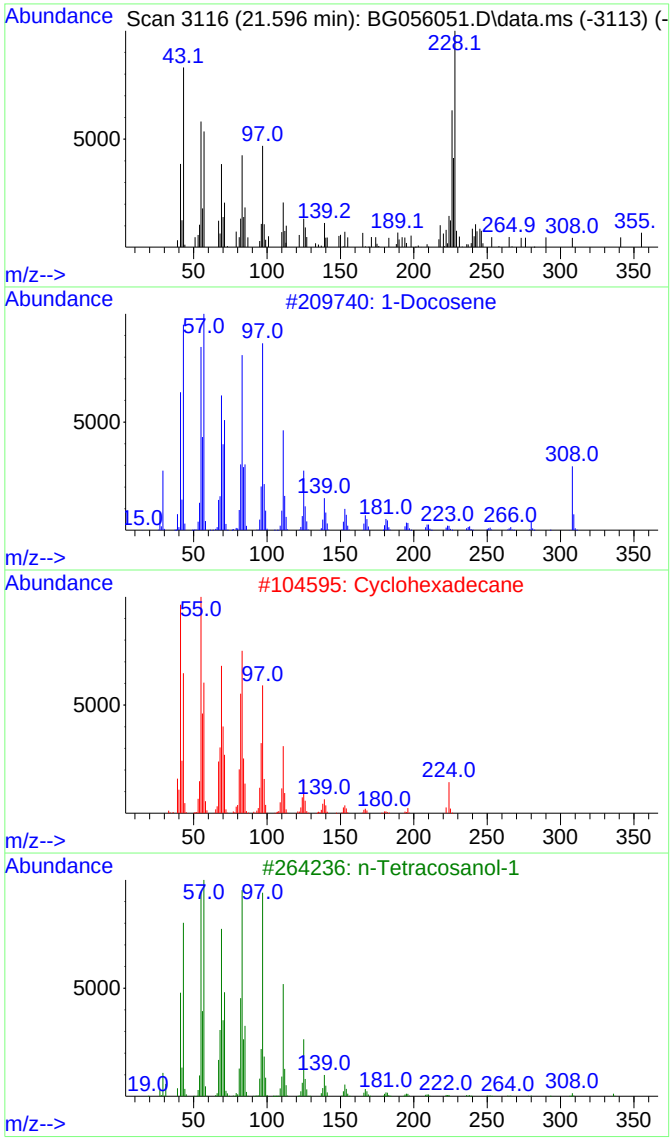
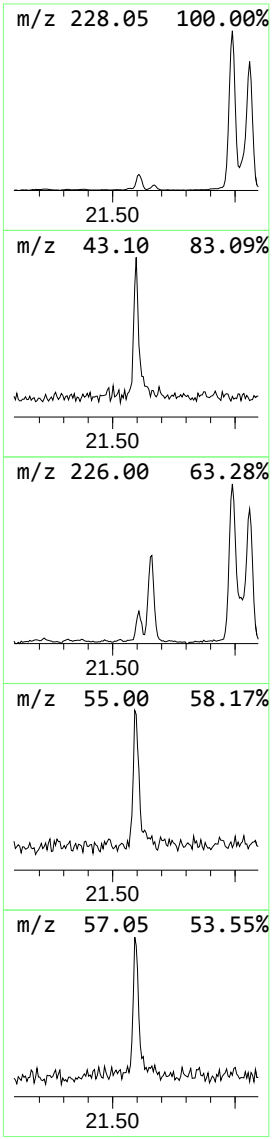
Peak Number 15 1-Docosene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.596	3.20 ng	98723	Chrysene-d12	22.007

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	92
2	Cyclohexadecane	224	C16H32	000295-65-8	38
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	30
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	25
5	1-Tetracosene	336	C24H48	010192-32-2	25





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
RB-22-(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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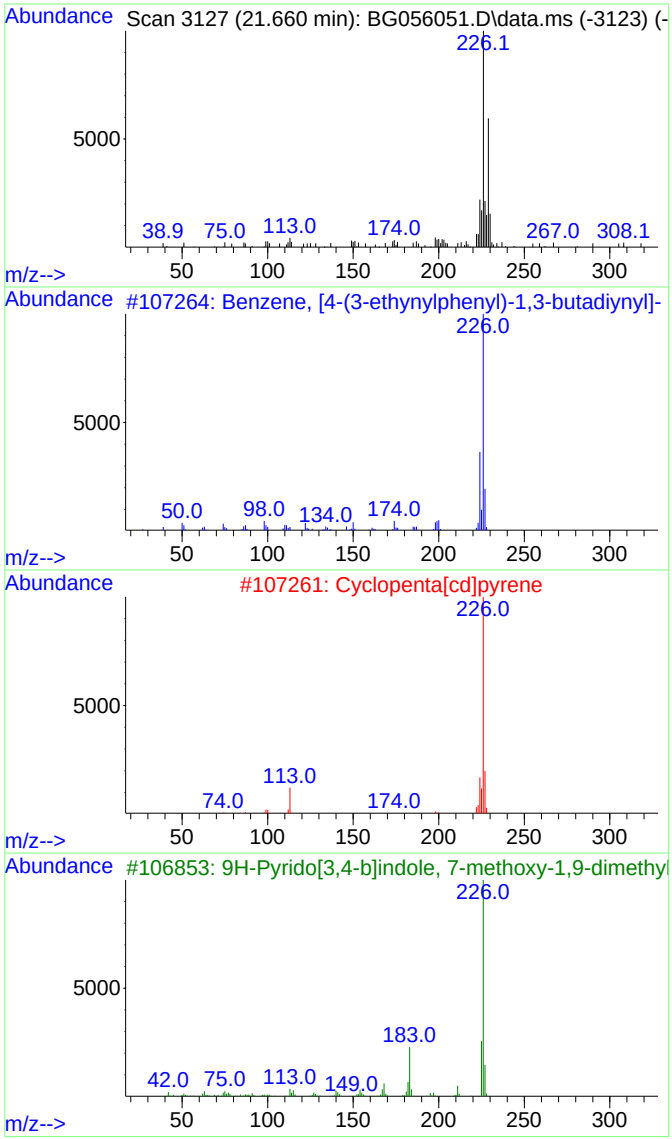
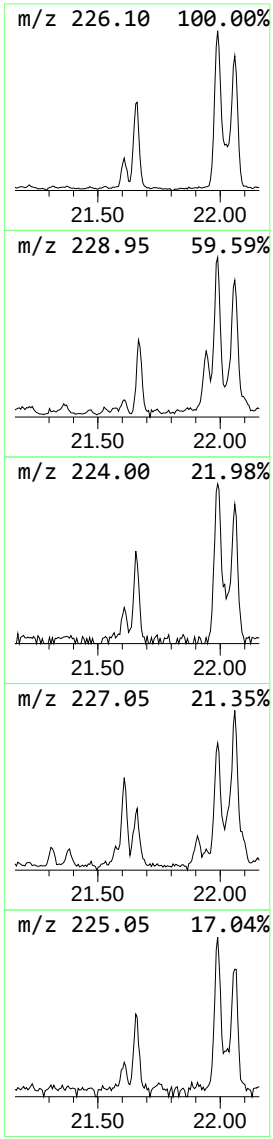
Peak Number 16 Benzene, [4-(3-ethynylpheny... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.660	2.29 ng	70802	Chrysene-d12	22.007

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	53
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
3	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	43
4	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	43
5	Pentanedioic acid, 1-(6-bromo-9-...	625	C35H48BrNO4	049646-95-9	38





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Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-22-(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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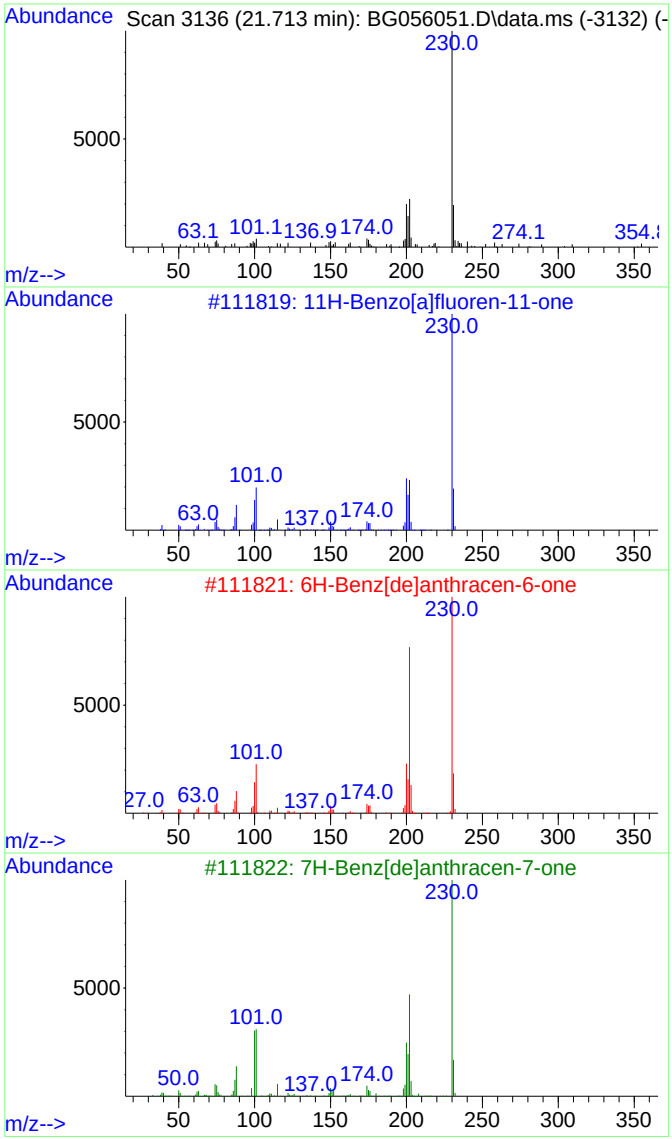
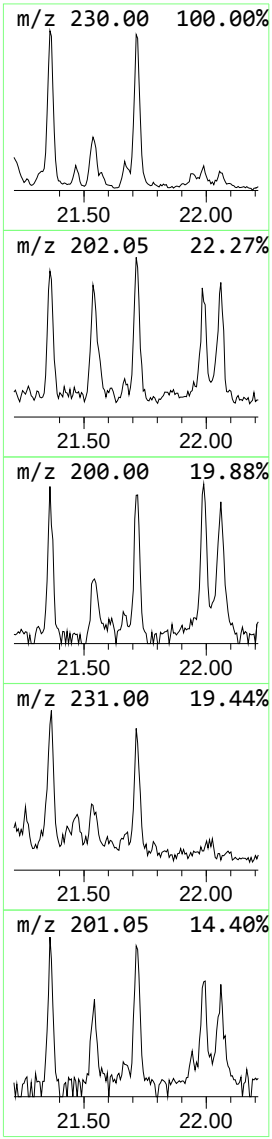
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.713	2.33 ng	71904	Chrysene-d12	22.007

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	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	53
5	o-Terphenyl	230	C18H14	000084-15-1	53





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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
RB-22-(1-3)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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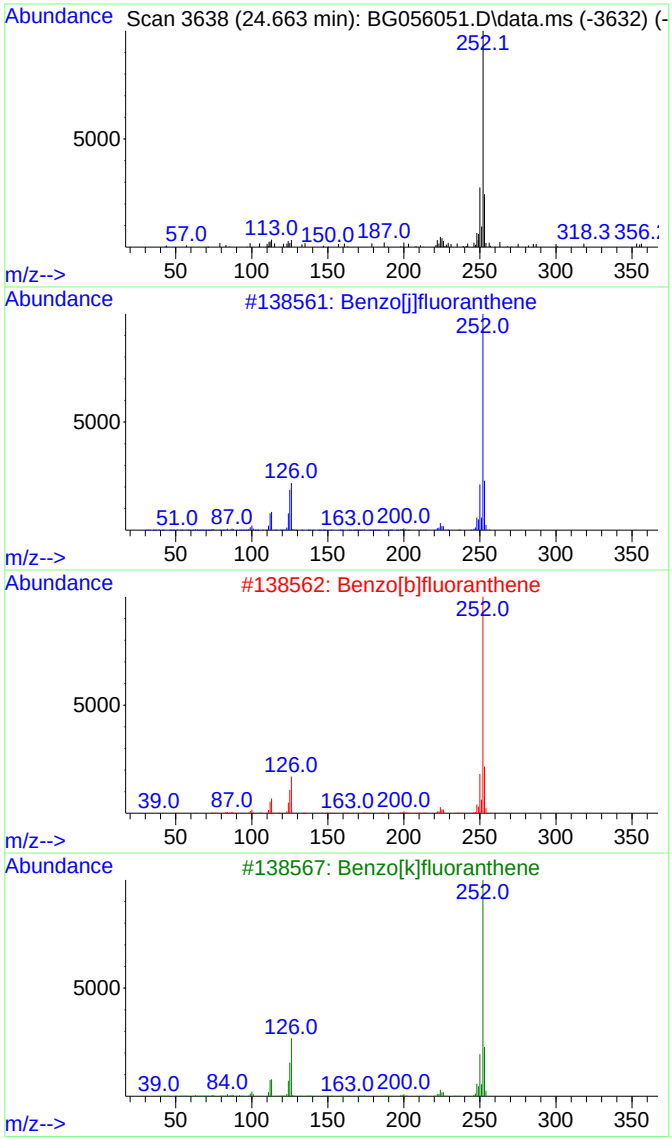
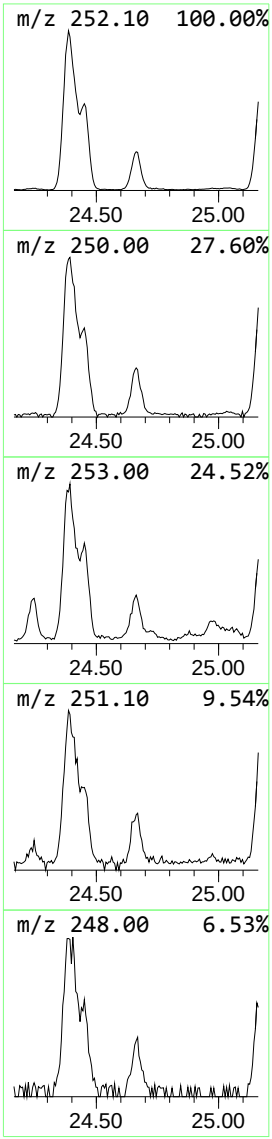
Peak Number 18 Benzo[j]fluoranthene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.663	5.14 ng	72423	Perylene-d12	25.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	74
4	Benzo[e]pyrene	252	C20H12	000192-97-2	74
5	Benzo[a]pyrene	252	C20H12	000050-32-8	68





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TIC Library : C:\Database\NIST20.L
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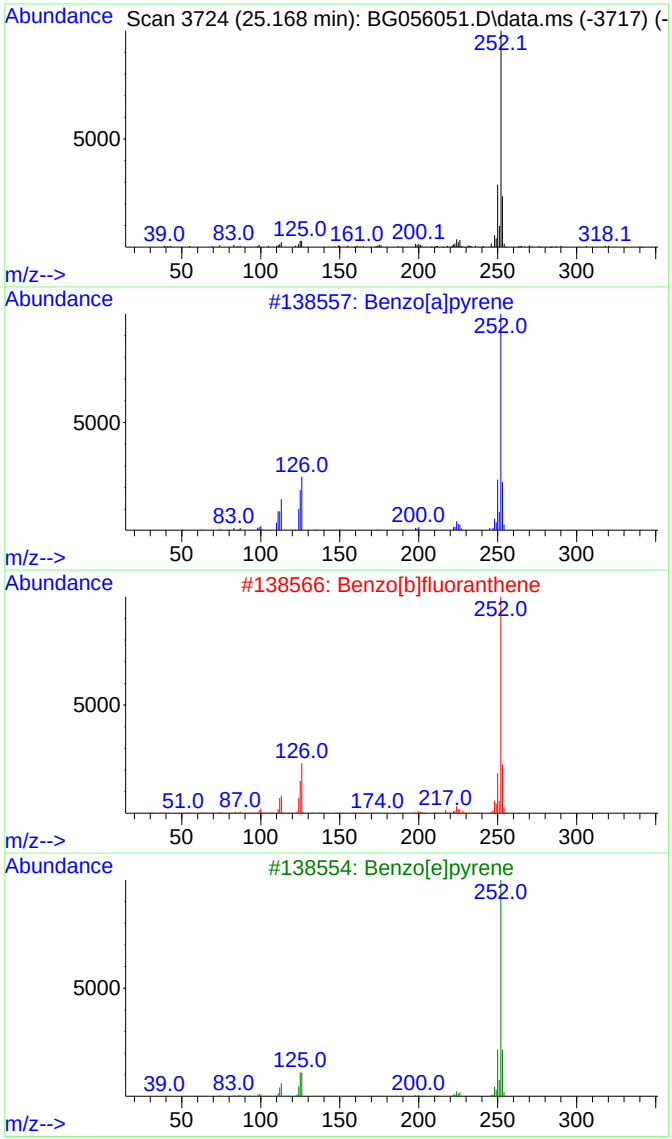
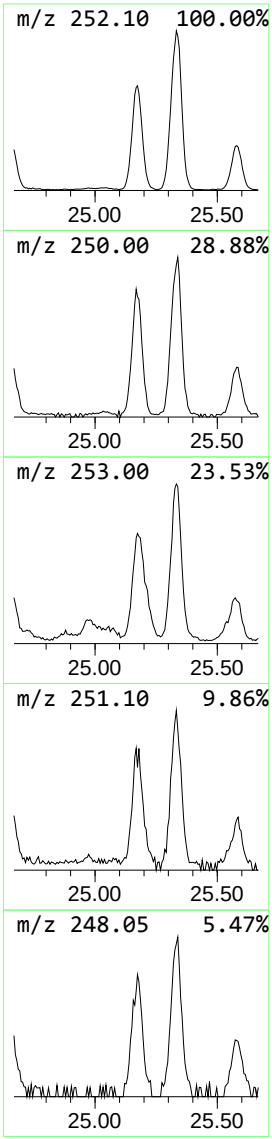
Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.168	17.09 ng	240707	Perylene-d12	25.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3	Benzo[e]pyrene	252	C20H12	000192-97-2	81
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
5	Perylene	252	C20H12	000198-55-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056051.D
Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(1-3)

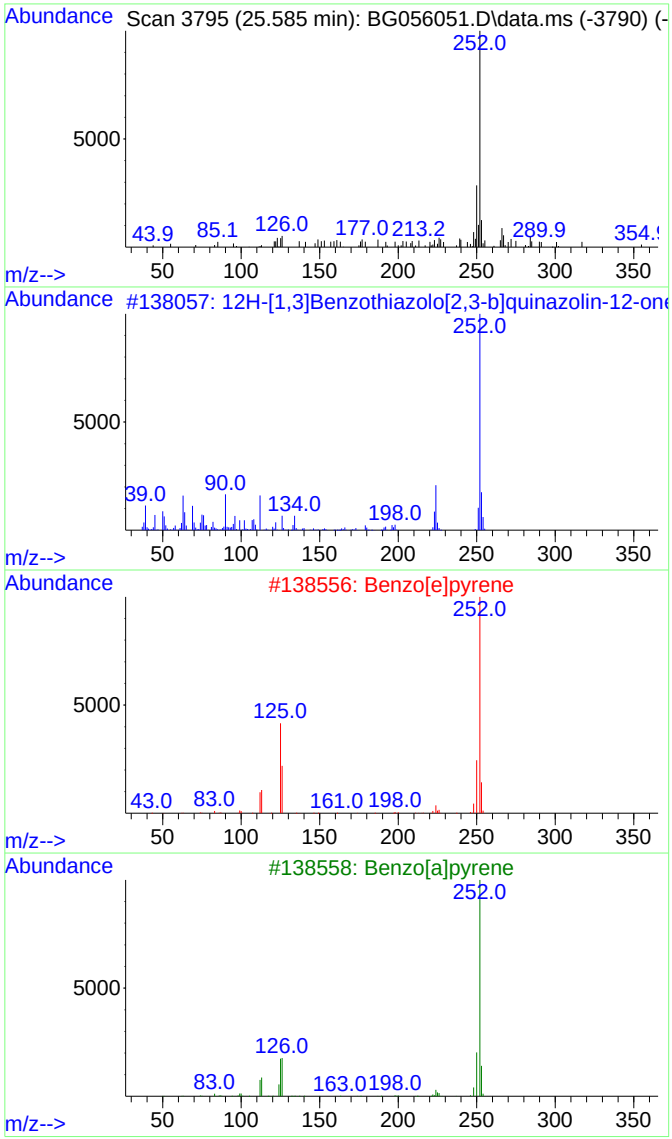
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

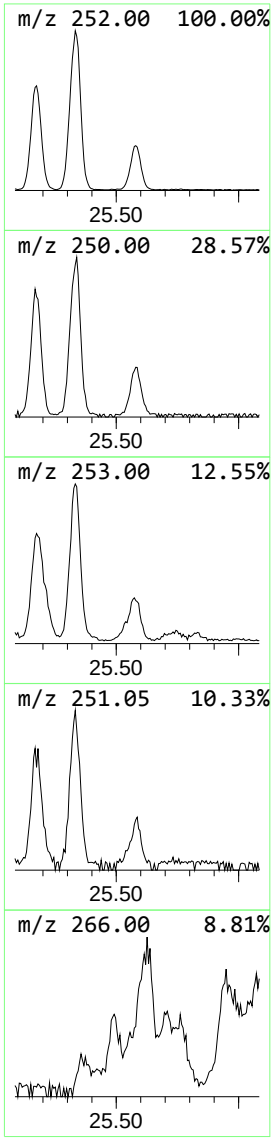
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 12H-[1,3]Benzothiazolo[2,3-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.585	7.27 ng	102316	Perylene-d12	25.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12H-[1,3]Benzothiazolo[2,3-b]qui...	252	C14H8N2OS	1000338-32-6	52
2	Benzo[e]pyrene	252	C20H12	000192-97-2	52
3	Benzo[a]pyrene	252	C20H12	000050-32-8	50
4	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	50
5	2-Propenoic acid, 3-(3,4,5-trime...	252	C13H16O5	007560-49-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056051.D
Acq On : 21 Dec 2022 16:42
Operator : CG/JU
Sample : N6037-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-22-(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...	3.388	12.2	ng	36650	1	8.364	59969	20.0
2-Pentanone, 4-...	5.403	10.2	ng	30626	1	8.364	59969	20.0
Benzophenone	16.302	5.4	ng	38875	3	14.968	144605	20.0
n-Hexadecanoic ...	18.552	9.3	ng	91601	4	17.706	196772	20.0
Phenanthrene, 1...	18.617	5.5	ng	53595	4	17.706	196772	20.0
Anthracene, 1-m...	18.699	2.2	ng	21929	4	17.706	196772	20.0
Benzaldehyde, 3...	18.764	8.8	ng	86908	4	17.706	196772	20.0
Naphthalene, 2-...	19.058	4.0	ng	39197	4	17.706	196772	20.0
Phenanthrene, 3...	19.469	4.8	ng	47258	4	17.706	196772	20.0
unknown19.533	19.533	3.4	ng	33750	4	17.706	196772	20.0
Cyclopenta(def)...	19.610	3.4	ng	33745	4	17.706	196772	20.0
3H-1,2,4-Triazo...	19.827	4.5	ng	44783	4	17.706	196772	20.0
Pyrene, 1-methyl-	20.573	3.4	ng	104437	5	22.007	617108	20.0
1-Docosene	21.596	3.2	ng	98723	5	22.007	617108	20.0
Benzene, [4-(3-...	21.660	2.3	ng	70802	5	22.007	617108	20.0
11H-Benzo[a]flu...	21.713	2.3	ng	71904	5	22.007	617108	20.0
Benzo[j]fluoran...	24.663	5.1	ng	72423	6	25.497	281623	20.0
Benzo[e]pyrene	25.168	17.1	ng	240707	6	25.497	281623	20.0
12H-[1,3]Benzot...	25.585	7.3	ng	102316	6	25.497	281623	20.0