

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057932.D
 Acq On : 1 Jul 2023 00:02
 Operator : CG/JU
 Sample : 03360-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CE-88N-062023

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-BG062723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057932.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.015	323	328	334	rBV	29632	41583	1.68%	0.220%
2	5.485	401	408	420	rVB	614906	939489	37.87%	4.978%
3	7.077	671	679	688	rBV	628146	1046451	42.18%	5.545%
4	7.912	814	821	828	rBV	148131	240623	9.70%	1.275%
5	9.069	1011	1018	1029	rBV	364045	641314	25.85%	3.398%
6	10.714	1291	1298	1310	rVB	216670	385802	15.55%	2.044%
7	13.170	1709	1716	1728	rVB	1083811	1636604	65.97%	8.672%
8	14.545	1942	1950	1958	rBV	397899	624721	25.18%	3.310%
9	15.902	2172	2181	2187	rBV	189063	277358	11.18%	1.470%
10	16.037	2196	2204	2215	rBV	848783	1351314	54.47%	7.160%
11	16.231	2230	2237	2248	rBV	164304	260122	10.48%	1.378%
12	17.289	2410	2417	2422	rBV	523314	792111	31.93%	4.197%
13	17.330	2422	2424	2430	rVV	124190	162156	6.54%	0.859%
14	17.424	2434	2440	2444	rVV	34674	54620	2.20%	0.289%
15	17.471	2444	2448	2454	rVV3	20447	28203	1.14%	0.149%
16	18.176	2561	2568	2572	rBV2	129529	213146	8.59%	1.129%
17	18.211	2572	2574	2581	rVV	55654	88103	3.55%	0.467%
18	18.294	2584	2588	2593	rVV	25439	42090	1.70%	0.223%
19	18.358	2593	2599	2604	rVV3	53741	118826	4.79%	0.630%
20	18.399	2604	2606	2611	rVB3	27630	30206	1.22%	0.160%
21	18.664	2647	2651	2655	rBV	27732	36518	1.47%	0.194%
22	18.911	2685	2693	2697	rBV5	16323	33306	1.34%	0.176%
23	19.081	2717	2722	2728	rBV2	38899	71073	2.86%	0.377%
24	19.222	2741	2746	2755	rBV3	31112	56240	2.27%	0.298%
25	19.345	2761	2767	2772	rBV	458379	624612	25.18%	3.310%
26	19.451	2781	2785	2795	rVB8	26448	46130	1.86%	0.244%
27	19.586	2804	2808	2811	rBV	23931	30854	1.24%	0.163%
28	19.674	2818	2823	2824	rBV	79521	96266	3.88%	0.510%
29	19.704	2824	2828	2836	rVB	434995	667203	26.89%	3.535%
30	19.780	2836	2841	2848	rVB4	26094	47392	1.91%	0.251%
31	19.909	2852	2863	2868	rBV	1796488	2480928	100.00%	13.146%
32	20.027	2878	2883	2891	rBV4	42235	98712	3.98%	0.523%
33	20.197	2901	2912	2918	rBV3	69073	175875	7.09%	0.932%
34	20.297	2925	2929	2933	rBV2	35258	45317	1.83%	0.240%
35	20.356	2933	2939	2943	rBV2	55769	91185	3.68%	0.483%
36	20.497	2959	2963	2966	rBV	37833	51178	2.06%	0.271%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057932.D
 Acq On : 1 Jul 2023 00:02
 Operator : CG/JU
 Sample : 03360-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CE-88N-062023

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-BG062723.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.538	2967	2970	2974	rVB	33390	45256	1.82%	0.240%
38	20.703	2994	2998	3002	rBV3	22203	29376	1.18%	0.156%
39	20.949	3036	3040	3047	rVB	39886	66890	2.70%	0.354%
40	21.196	3075	3082	3091	rBV4	151214	340262	13.72%	1.803%
41	21.278	3092	3096	3102	rVB2	44758	76439	3.08%	0.405%
42	21.543	3132	3141	3145	rBV3	533304	1217379	49.07%	6.451%
43	21.584	3145	3148	3157	rVB	203869	354226	14.28%	1.877%
44	21.737	3169	3174	3181	rBV2	65486	107079	4.32%	0.567%
45	22.254	3259	3262	3268	rVB3	43443	71286	2.87%	0.378%
46	22.324	3270	3274	3282	rVB3	64261	114373	4.61%	0.606%
47	23.000	3386	3389	3397	rVB3	36168	68502	2.76%	0.363%
48	23.687	3498	3506	3514	rBV	176523	589523	23.76%	3.124%
49	23.934	3544	3548	3556	rVB	39814	82093	3.31%	0.435%
50	24.392	3618	3626	3638	rVB2	113344	325032	13.10%	1.722%
51	24.533	3641	3650	3660	rBV	172023	469232	18.91%	2.486%
52	24.686	3666	3676	3685	rBV	306952	922485	37.18%	4.888%
53	28.247	4275	4282	4305	rVB3	73377	364772	14.70%	1.933%

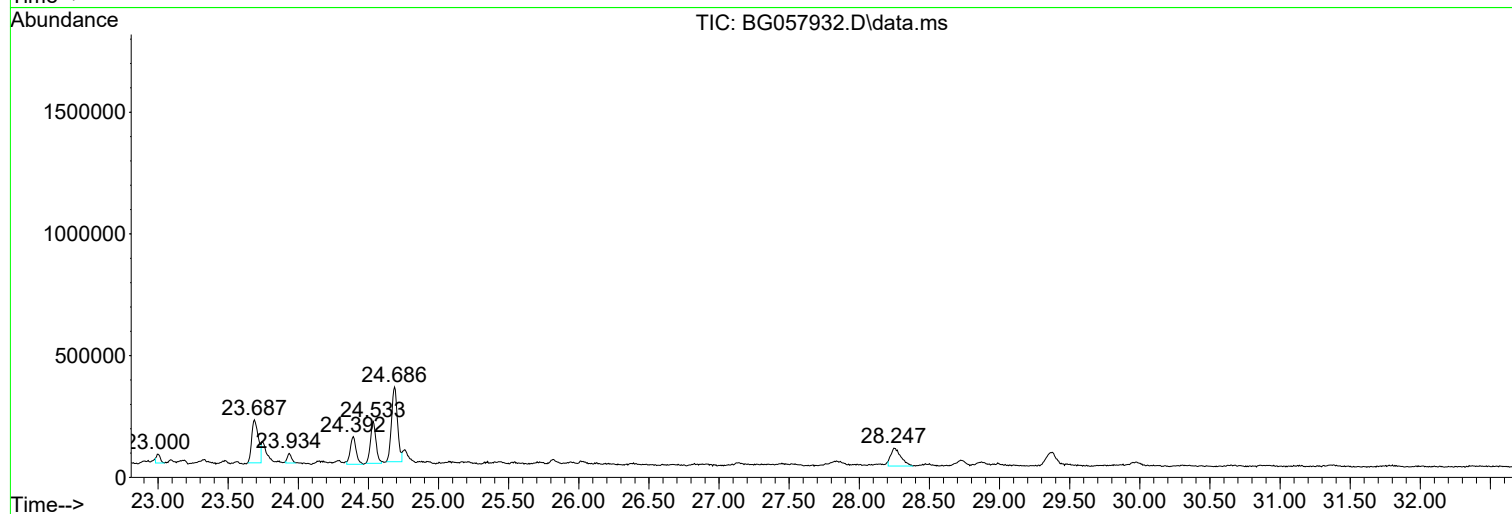
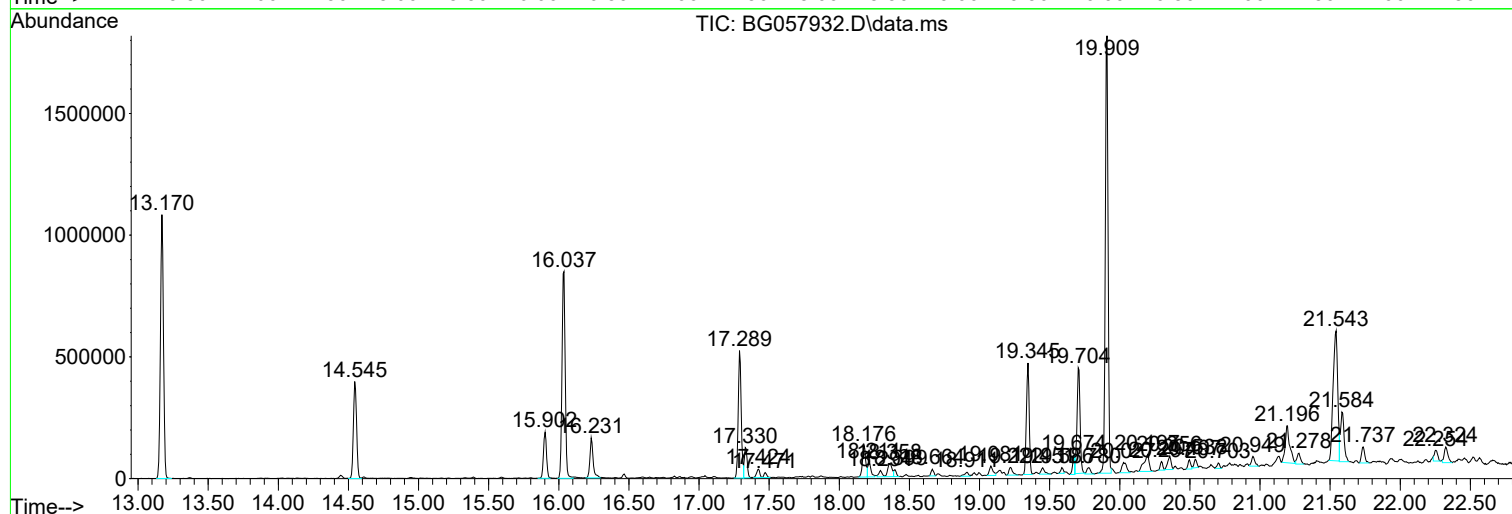
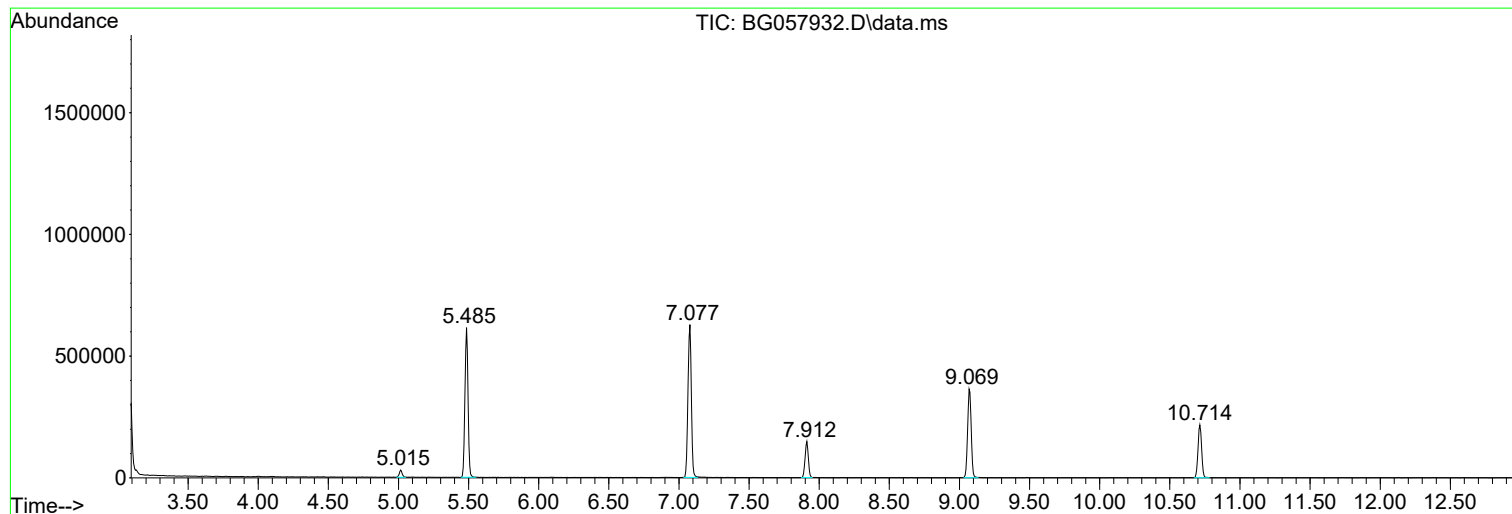
Sum of corrected areas: 18871836

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057932.D
Acq On : 1 Jul 2023 00:02
Operator : CG/JU
Sample : 03360-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.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\BG063023\
Data File : BG057932.D
Acq On : 1 Jul 2023 00:02
Operator : CG/JU
Sample : 03360-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

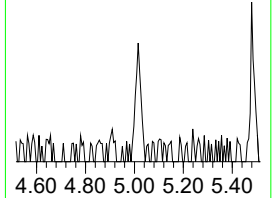
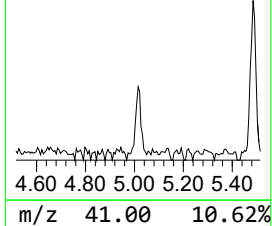
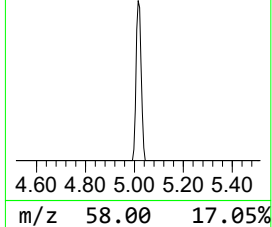
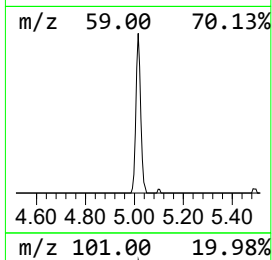
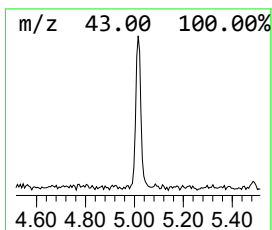
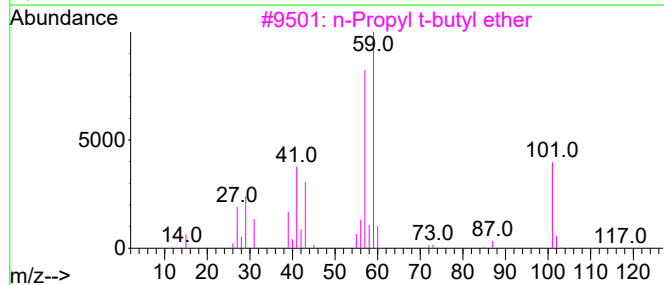
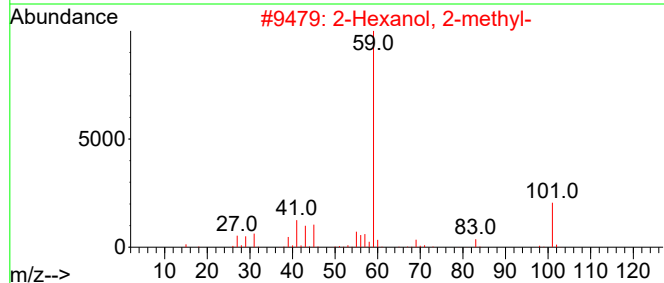
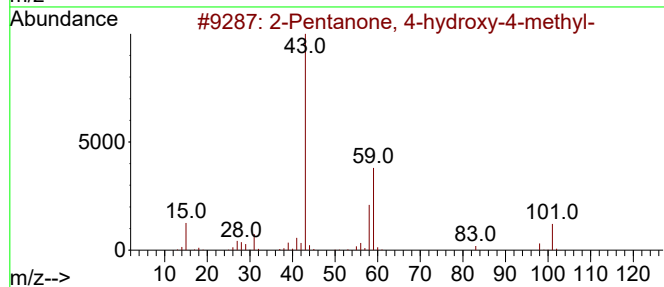
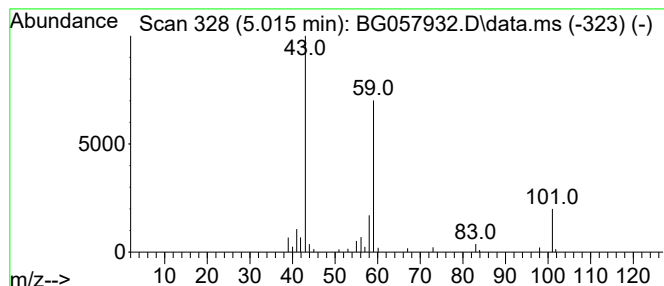
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.015	3.46 ng	41583	1,4-Dichlorobenzene-d4	7.912

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33		
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28		
4	Hexanamide	115	C6H13NO	000628-02-4	12		
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057932.D
Acq On : 1 Jul 2023 00:02
Operator : CG/JU
Sample : 03360-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

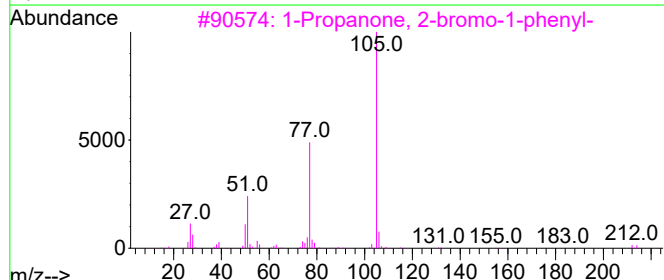
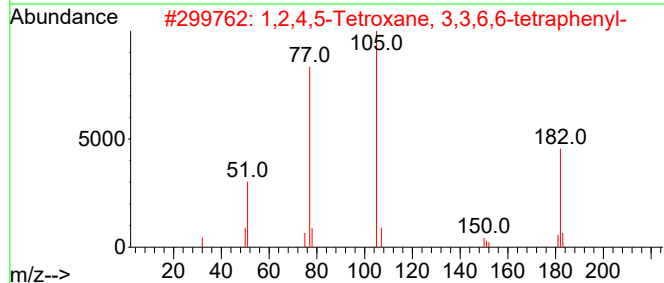
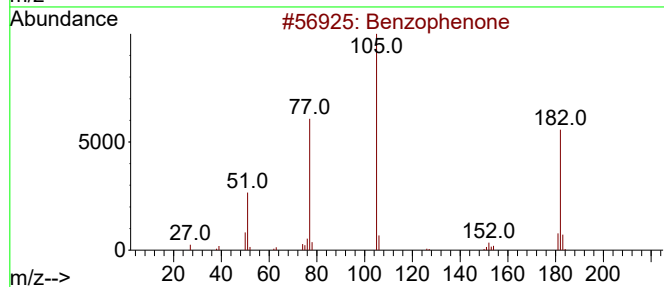
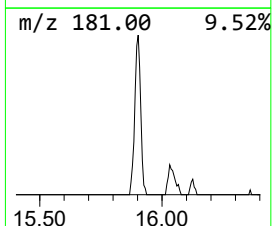
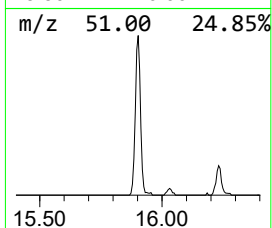
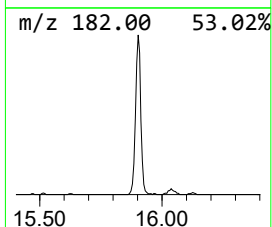
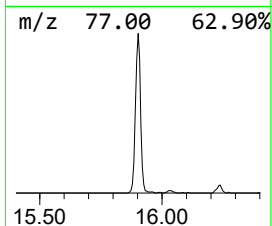
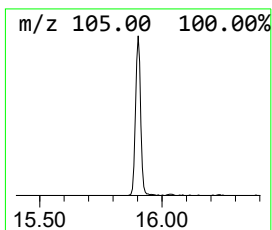
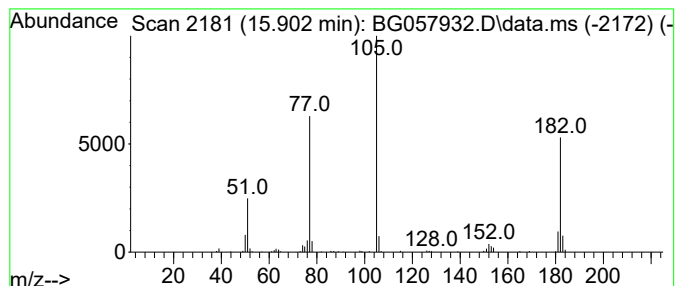
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.902	8.88 ng	277358	Acenaphthene-d10	14.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057932.D
Acq On : 1 Jul 2023 00:02
Operator : CG/JU
Sample : 03360-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

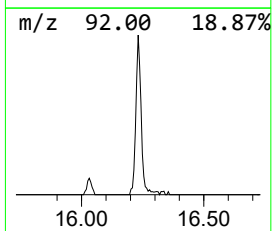
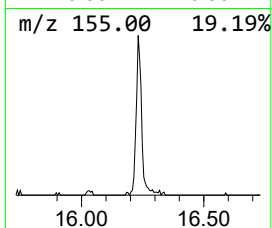
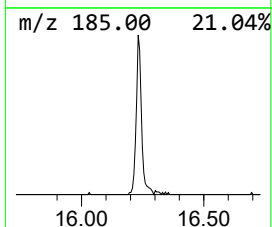
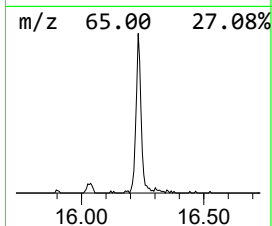
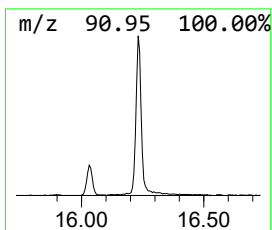
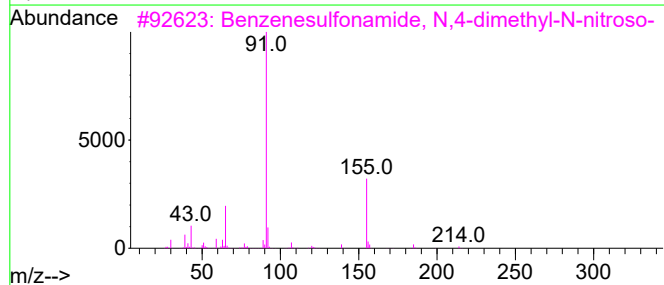
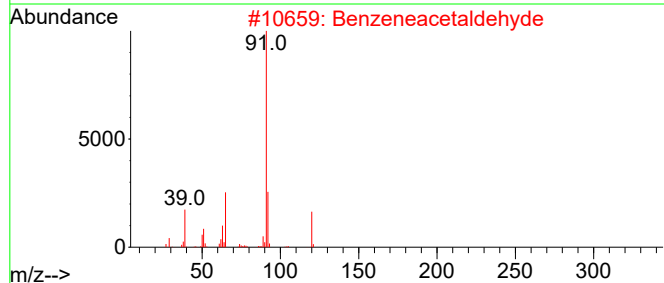
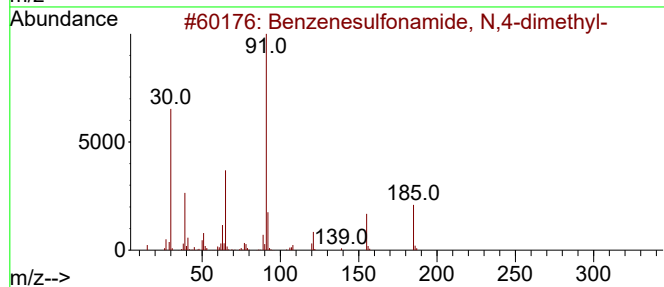
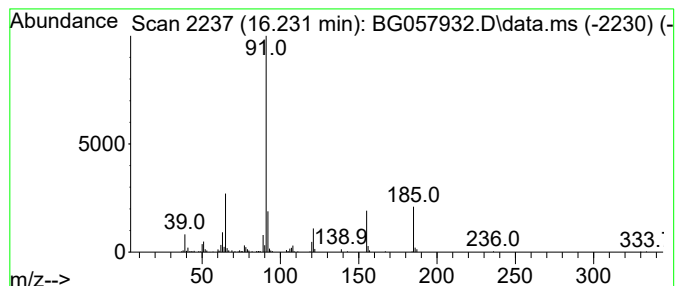
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzenesulfonamide, N,4-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.231	6.57 ng	260122	Phenanthrene-d10	17.289

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	95
2			Benzeneacetaldehyde	120	C8H8O	000122-78-1	50
3			Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	50
4			(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	47
5			Toluene-4-sulfonic acid, 2-benzy...	366	C18H22O6S	118653-93-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057932.D
Acq On : 1 Jul 2023 00:02
Operator : CG/JU
Sample : 03360-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

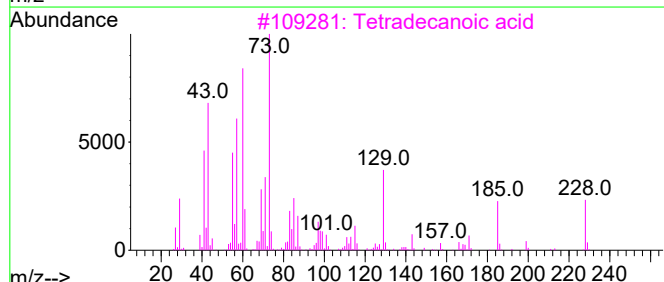
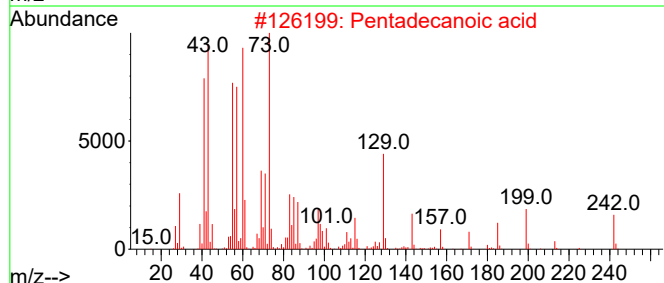
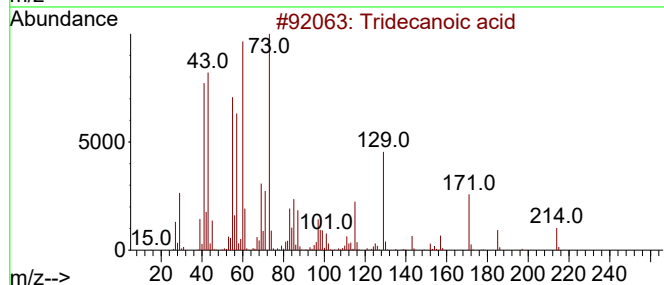
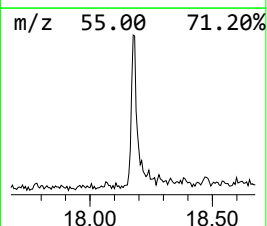
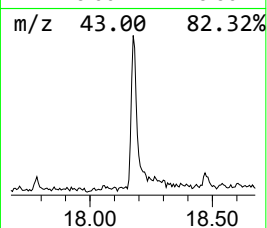
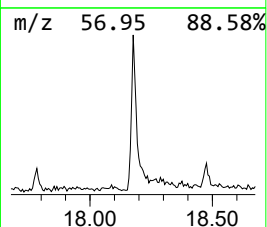
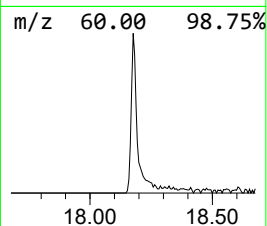
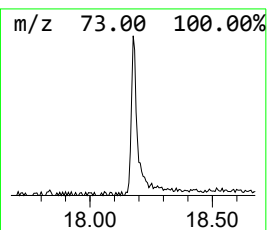
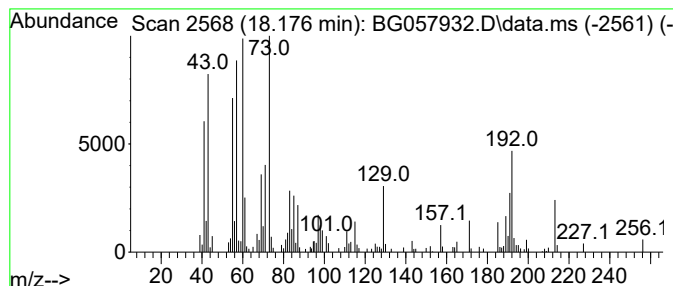
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.176	5.38 ng	213146	Phenanthrene-d10	17.289

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	78
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5		Dodecanoic acid	200	C12H24O2	000143-07-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057932.D
Acq On : 1 Jul 2023 00:02
Operator : CG/JU
Sample : 03360-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

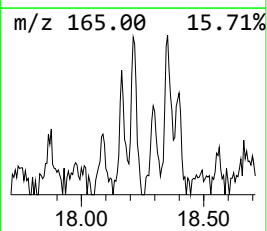
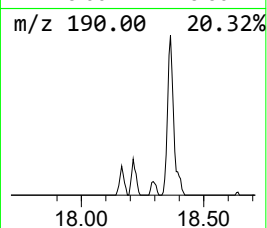
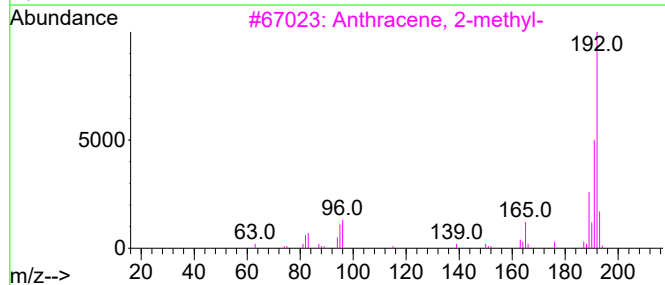
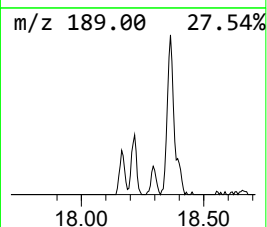
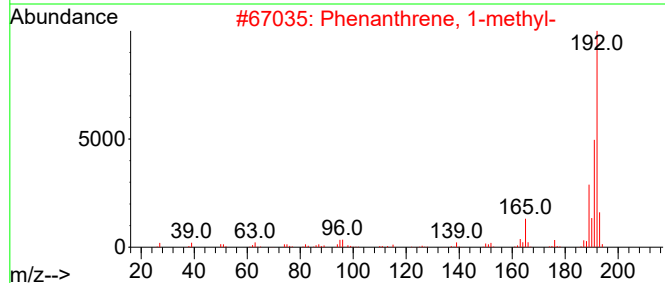
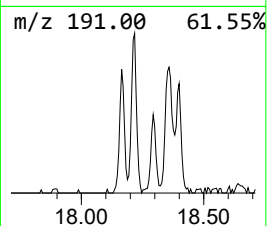
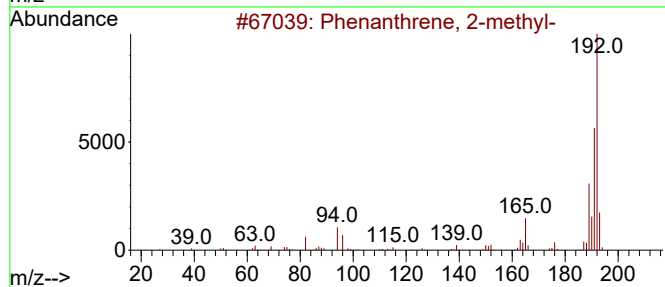
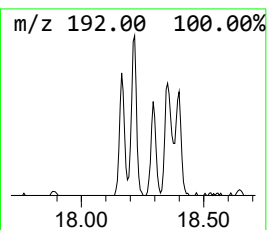
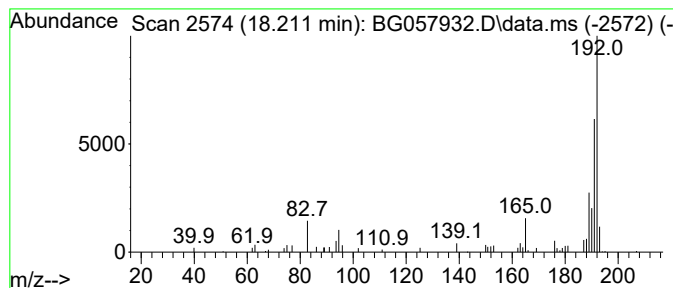
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.211	2.22 ng	88103	Phenanthrene-d10	17.289

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	68
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057932.D
Acq On : 1 Jul 2023 00:02
Operator : CG/JU
Sample : 03360-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

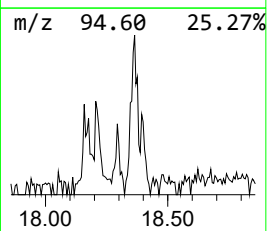
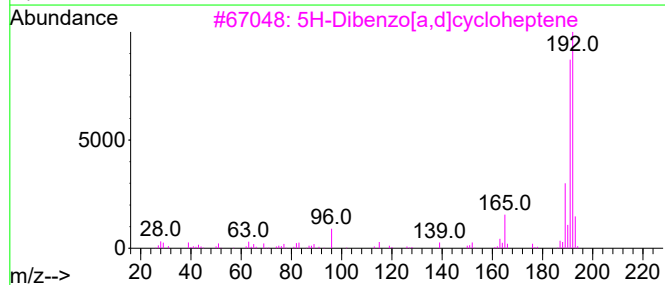
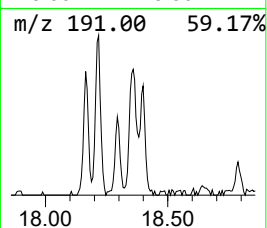
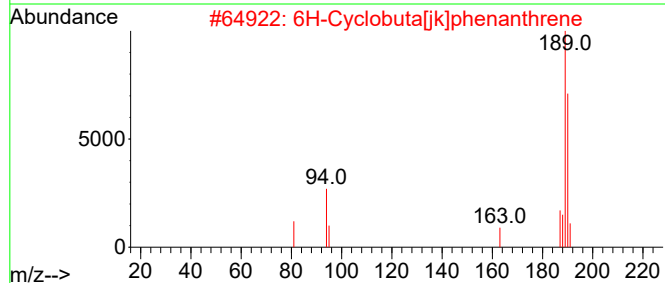
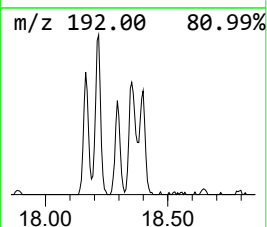
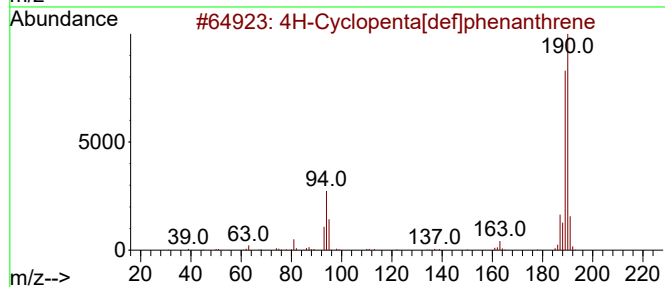
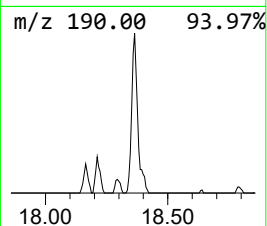
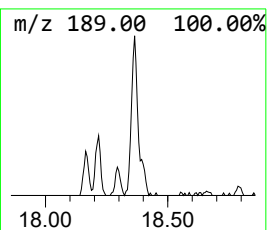
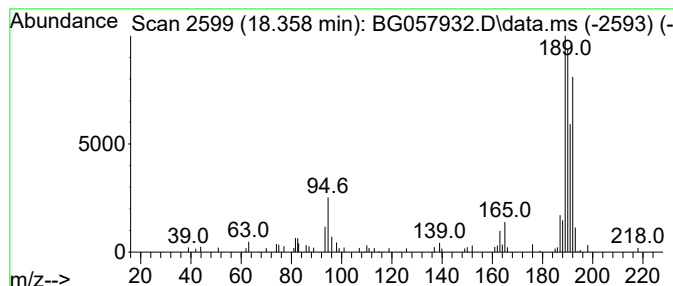
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.358	3.00 ng	118826	Phenanthrene-d10	17.289

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057932.D
Acq On : 1 Jul 2023 00:02
Operator : CG/JU
Sample : 03360-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

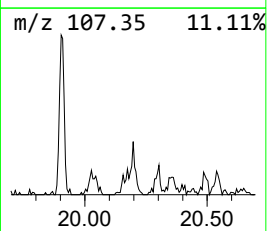
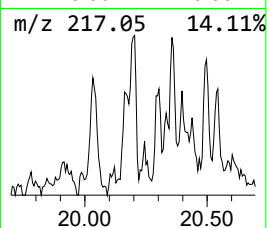
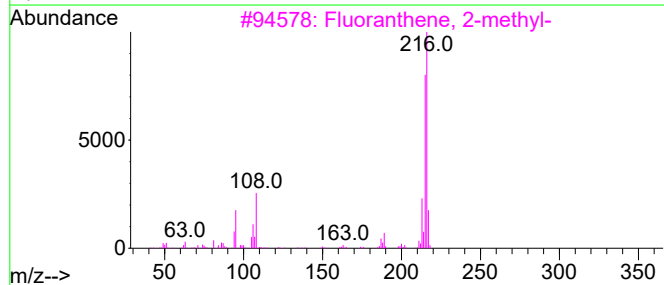
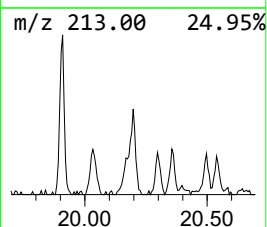
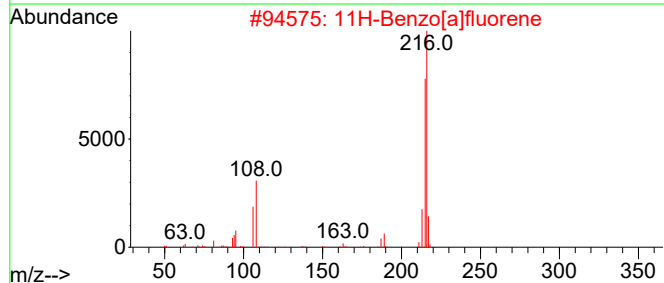
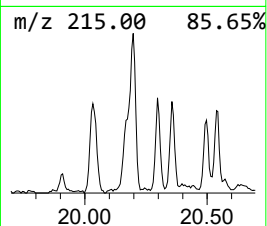
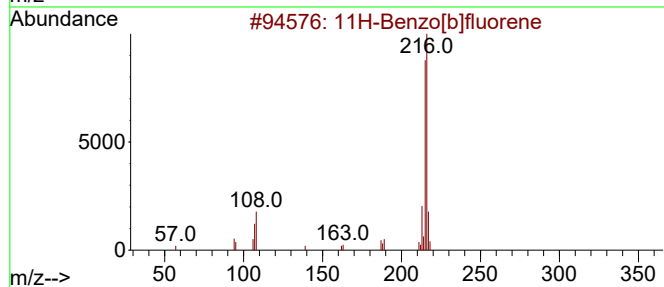
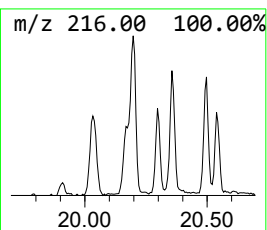
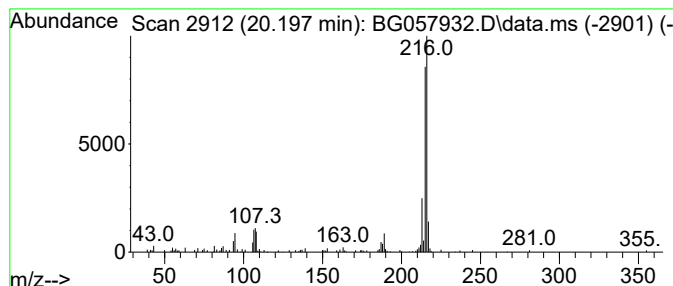
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.197	2.89 ng	175875	Chrysene-d12	21.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057932.D
Acq On : 1 Jul 2023 00:02
Operator : CG/JU
Sample : 03360-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

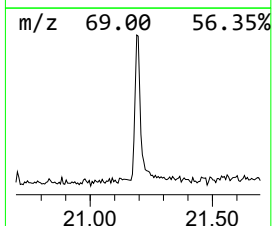
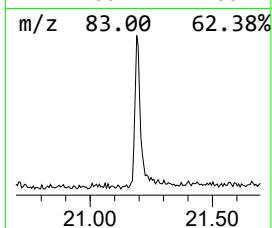
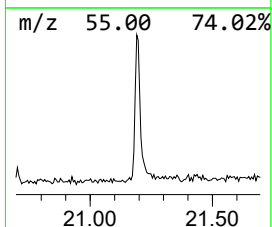
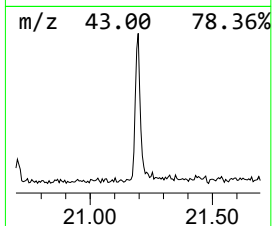
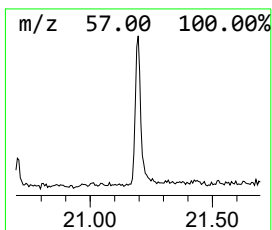
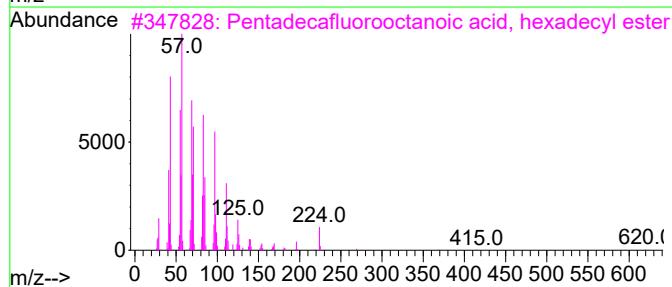
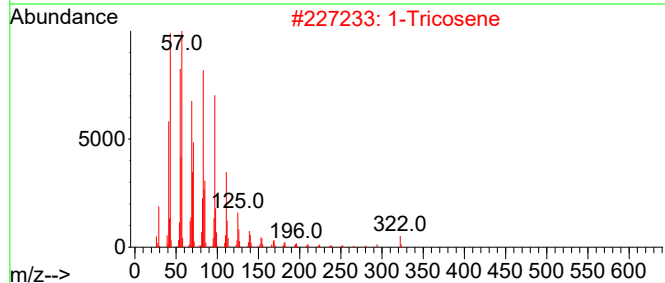
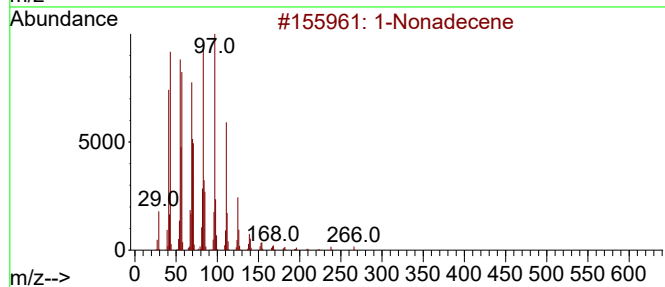
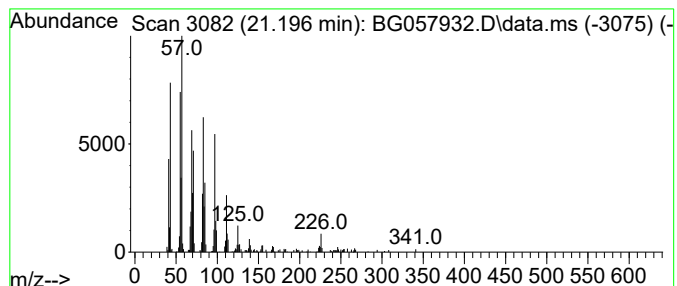
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.196	5.59 ng	340262	Chrysene-d12	21.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene			266	C19H38	018435-45-5	96
2	1-Tricosene			322	C23H46	018835-32-0	94
3	Pentadecafluorooctanoic acid, he...			638	C24H33F15O2	1000406-04-6	94
4	Pentadecafluorooctanoic acid, pe...			624	C23H31F15O2	1000406-04-5	94
5	Heptadecyl heptafluorobutyrate			452	C21H35F7O2	959085-66-6	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057932.D
Acq On : 1 Jul 2023 00:02
Operator : CG/JU
Sample : 03360-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

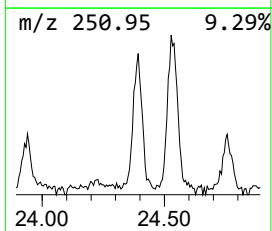
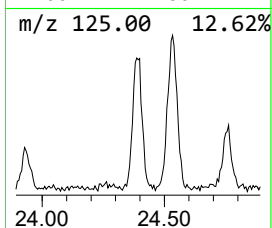
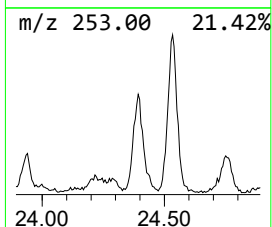
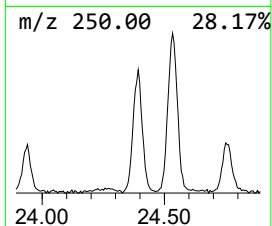
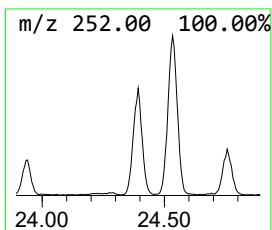
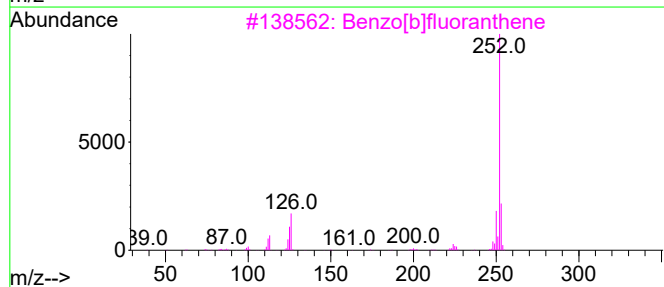
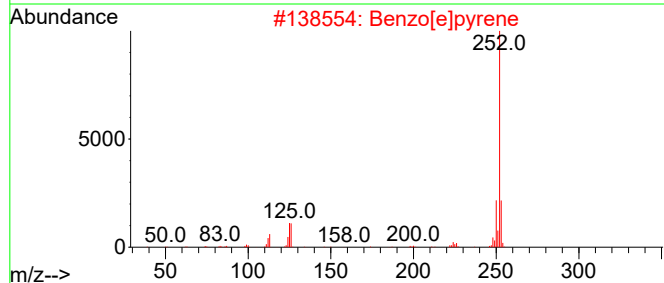
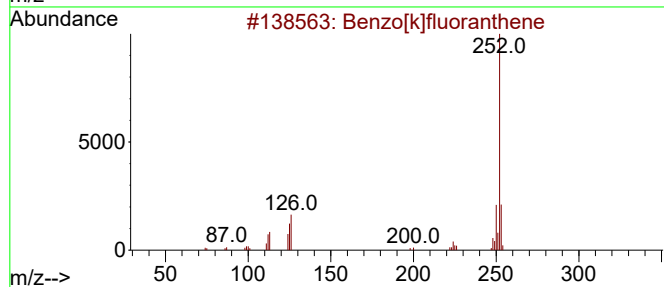
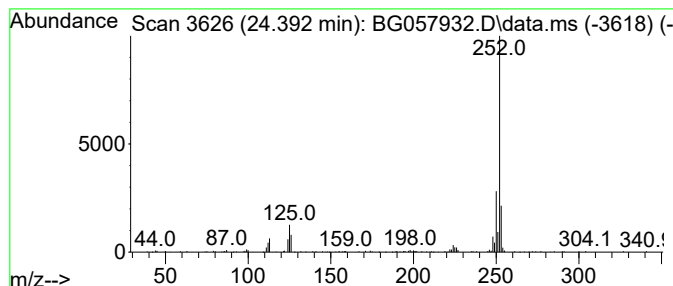
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.392	7.05 ng	325032	Perylene-d12	24.686

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2			Benzo[e]pyrene	252	C20H12	000192-97-2	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Perylene	252	C20H12	000198-55-0	91
5			Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057932.D
Acq On : 1 Jul 2023 00:02
Operator : CG/JU
Sample : 03360-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.015	3.5	ng	41583	1	7.912	240623	20.0
Benzophenone	15.902	8.9	ng	277358	3	14.545	624721	20.0
Benzenesulfonam...	16.231	6.6	ng	260122	4	17.289	792111	20.0
Tridecanoic acid	18.176	5.4	ng	213146	4	17.289	792111	20.0
Phenanthrene, 2...	18.211	2.2	ng	88103	4	17.289	792111	20.0
4H-Cyclopenta[d...	18.358	3.0	ng	118826	4	17.289	792111	20.0
11H-Benzo[b]flu...	20.197	2.9	ng	175875	5	21.543	1217380	20.0
1-Nonadecene	21.196	5.6	ng	340262	5	21.543	1217380	20.0
Benzo[e]pyrene	24.392	7.0	ng	325032	6	24.686	922485	20.0