

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
 Data File : BG055905.D
 Acq On : 6 Dec 2022 16:00
 Operator : CG/JU
 Sample : N5863-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WOOD-CHIP-PILE

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-BG111622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055905.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.209	320	327	339	rVB	199311	302096	22.79%	3.033%
2	5.697	403	410	425	rVB	428625	690002	52.04%	6.928%
3	6.314	510	515	525	rVB	10761	17296	1.30%	0.174%
4	7.325	678	687	696	rBV	462035	796027	60.04%	7.993%
5	8.165	823	830	837	rBV	110563	182416	13.76%	1.832%
6	9.340	1023	1030	1039	rVB	288930	504982	38.09%	5.070%
7	10.991	1303	1311	1318	rBV	166371	294847	22.24%	2.961%
8	13.417	1717	1724	1731	rBV	709856	1088212	82.08%	10.927%
9	14.798	1952	1959	1965	rBV	295861	462998	34.92%	4.649%
10	15.192	2021	2026	2034	rBV2	9105	15366	1.16%	0.154%
11	16.138	2182	2187	2194	rVB	105913	157804	11.90%	1.584%
12	16.285	2205	2212	2225	rBV	596267	954351	71.98%	9.583%
13	16.490	2240	2247	2252	rBV8	6700	14508	1.09%	0.146%
14	17.401	2398	2402	2411	rBV9	11600	22645	1.71%	0.227%
15	17.536	2419	2425	2430	rVV	375325	573619	43.26%	5.760%
16	17.583	2430	2433	2438	rVB2	31233	42681	3.22%	0.429%
17	17.759	2459	2463	2469	rVB3	12847	16980	1.28%	0.170%
18	17.983	2497	2501	2505	rBV4	14287	17542	1.32%	0.176%
19	18.288	2548	2553	2557	rBV7	9507	18465	1.39%	0.185%
20	18.400	2567	2572	2580	rBV	200762	313181	23.62%	3.145%
21	18.699	2618	2623	2627	rBV7	14271	30944	2.33%	0.311%
22	18.946	2662	2665	2669	rBV5	11843	16356	1.23%	0.164%
23	19.099	2688	2691	2694	rBV5	12344	21239	1.60%	0.213%
24	19.463	2750	2753	2757	rVB	20615	21660	1.63%	0.217%
25	19.522	2759	2763	2764	rBV2	28891	38107	2.87%	0.383%
26	19.546	2764	2767	2769	rVV3	46386	66893	5.05%	0.672%
27	19.581	2770	2773	2776	rVV	56660	83711	6.31%	0.841%
28	19.616	2776	2779	2783	rVV	57695	71585	5.40%	0.719%
29	19.657	2783	2786	2792	rVV	72562	104830	7.91%	1.053%
30	19.939	2831	2834	2839	rVB	44573	61830	4.66%	0.621%
31	20.127	2860	2866	2871	rBV	987136	1325843	100.00%	13.313%
32	20.339	2898	2902	2907	rBV	89291	116745	8.81%	1.172%
33	20.856	2988	2990	2994	rVB	71411	78291	5.90%	0.786%
34	21.426	3082	3087	3101	rVB4	135198	324279	24.46%	3.256%
35	21.819	3148	3154	3159	rBV	333744	559051	42.17%	5.613%
36	25.168	3717	3724	3734	rVB2	195829	551928	41.63%	5.542%

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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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

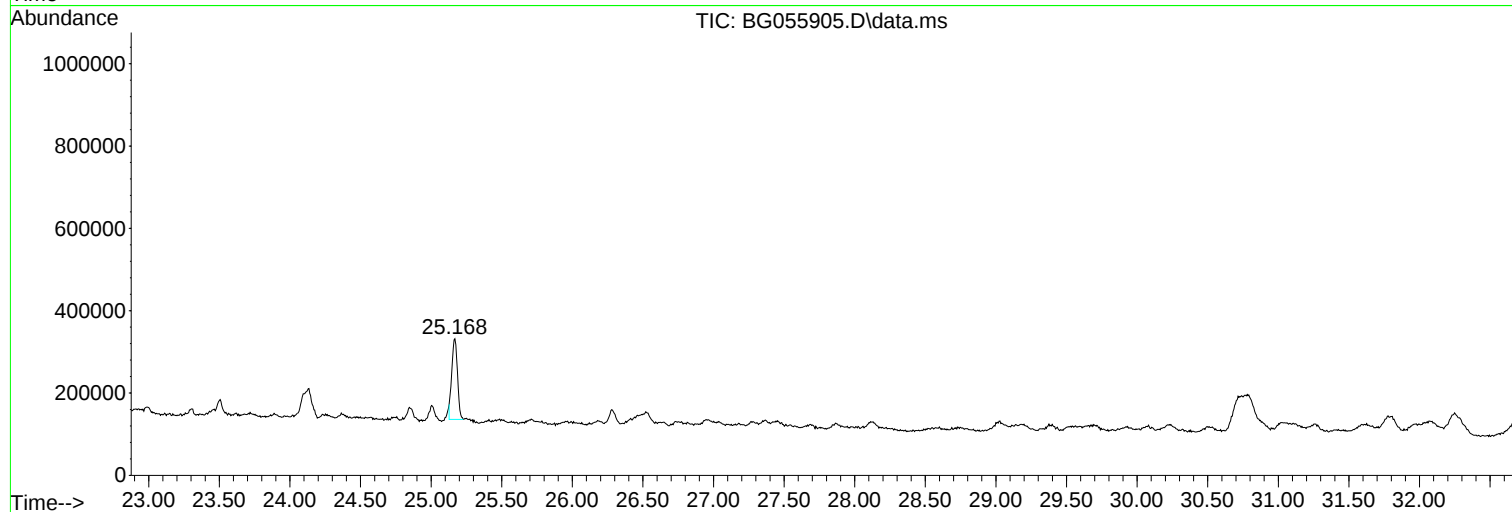
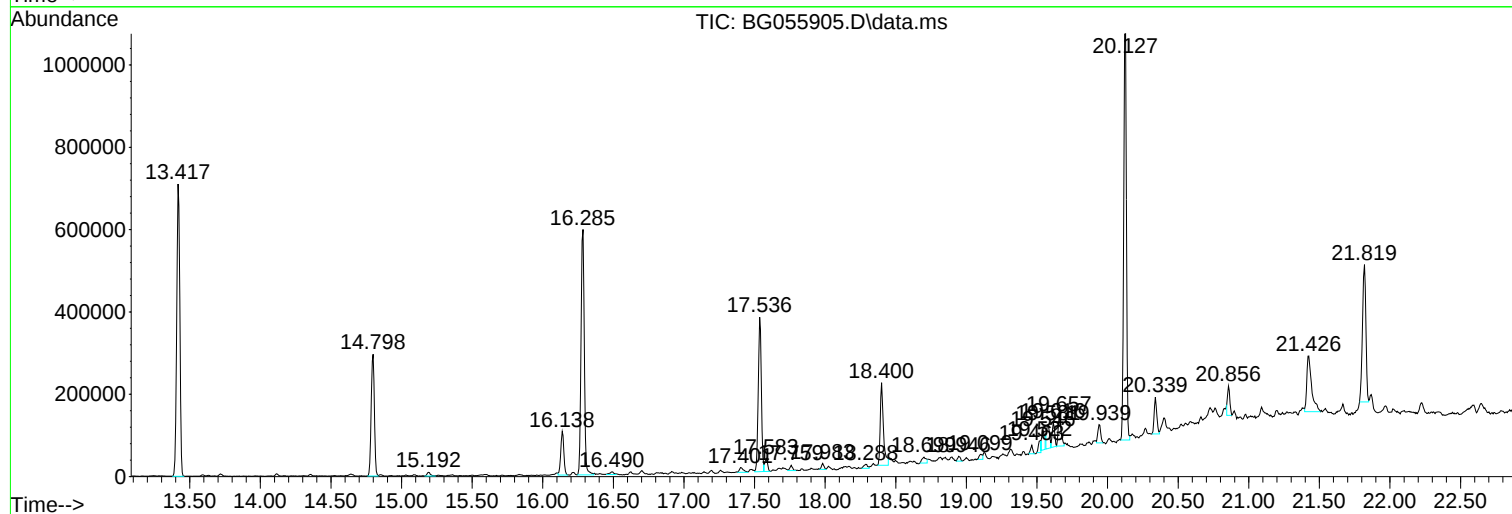
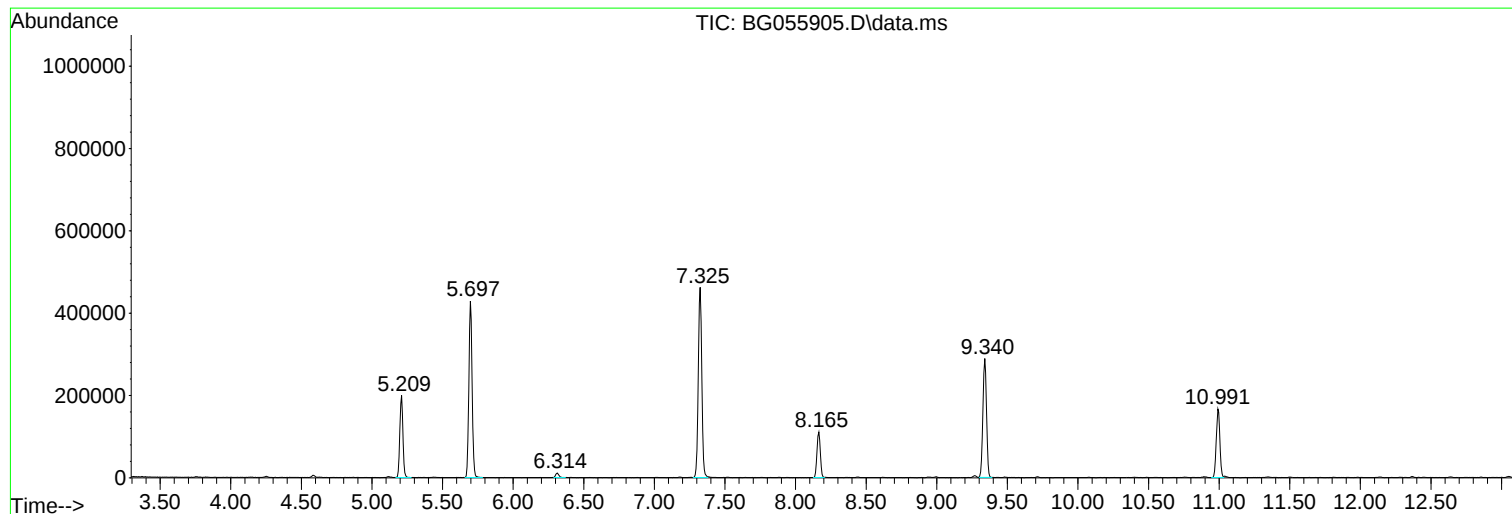
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampleId :
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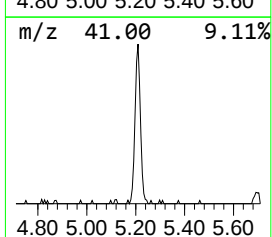
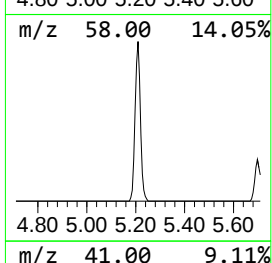
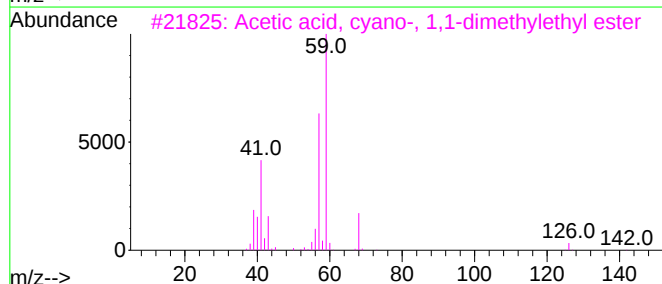
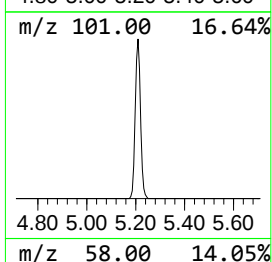
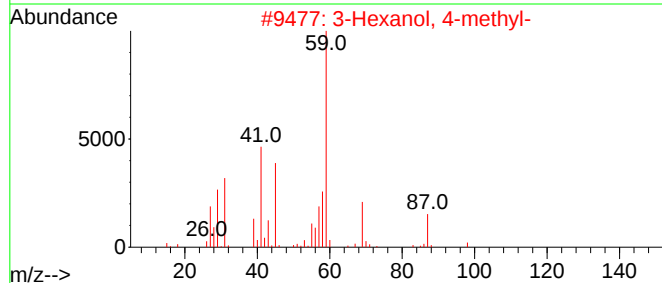
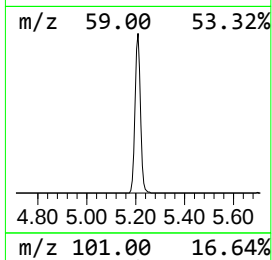
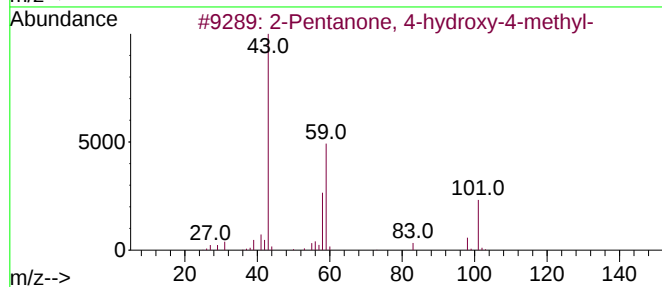
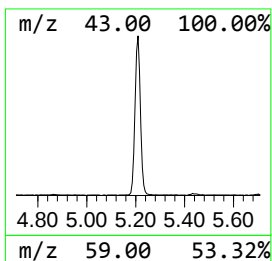
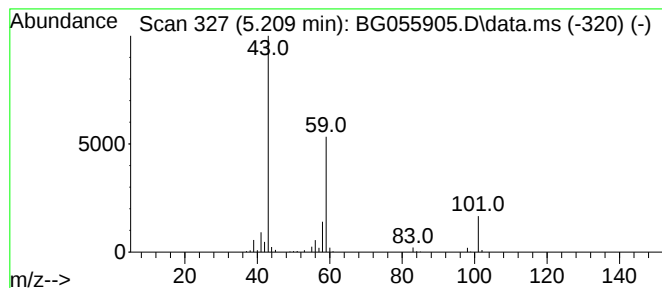
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.209	33.12 ng	302096	1,4-Dichlorobenzene-d4	8.165

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		



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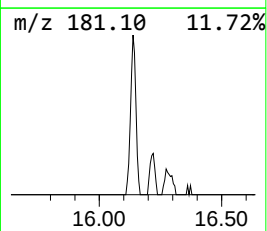
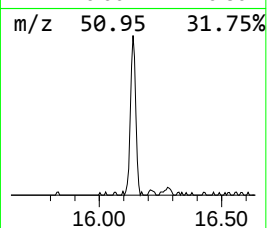
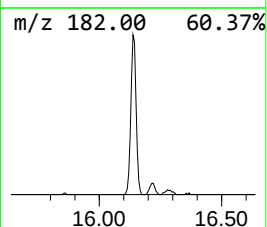
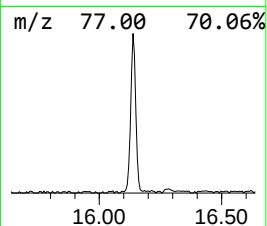
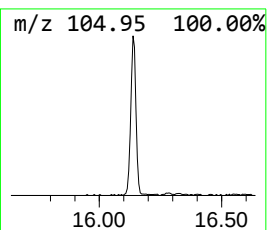
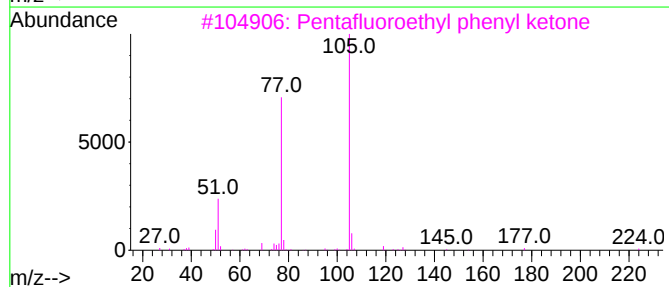
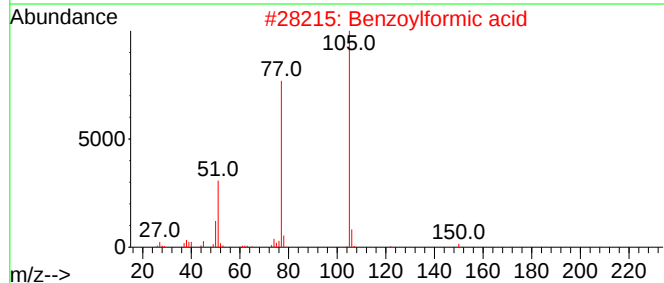
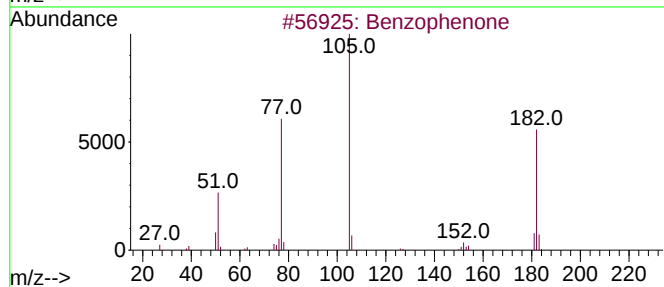
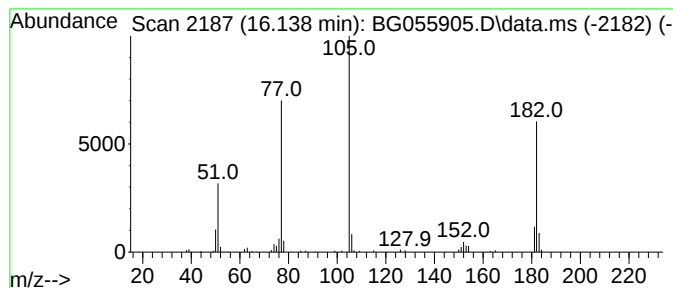
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.138	6.82 ng	157804	Acenaphthene-d10	14.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzoylformic acid	150	C8H6O3	000611-73-4	49
3			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
4			Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	47
5			2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47



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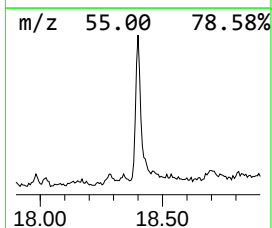
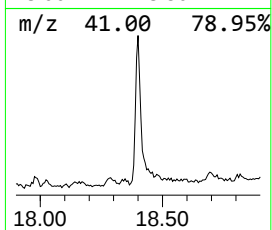
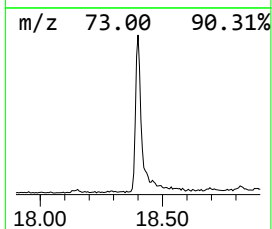
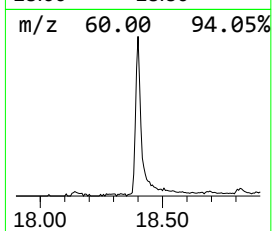
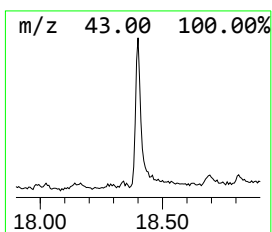
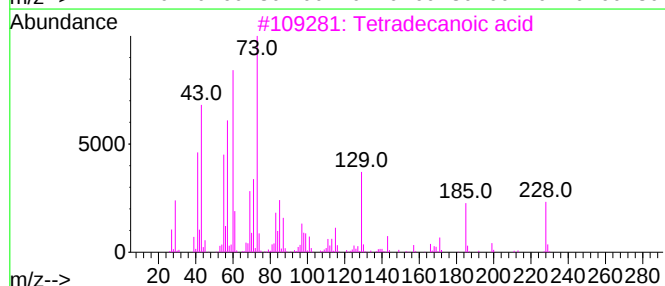
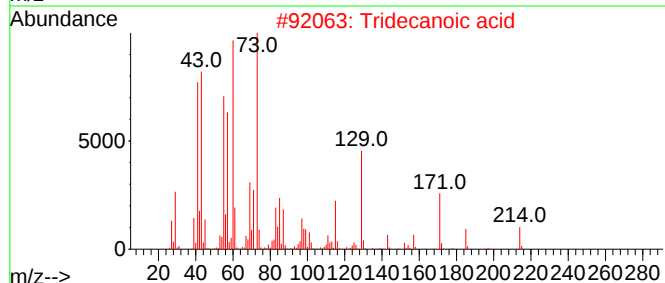
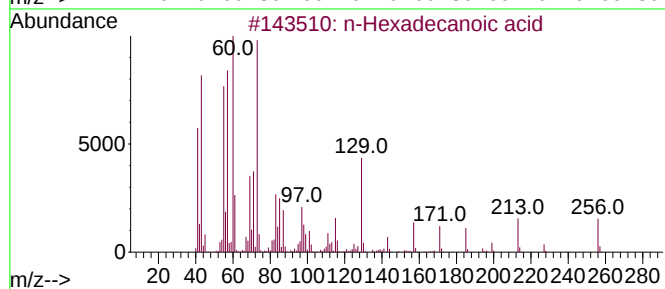
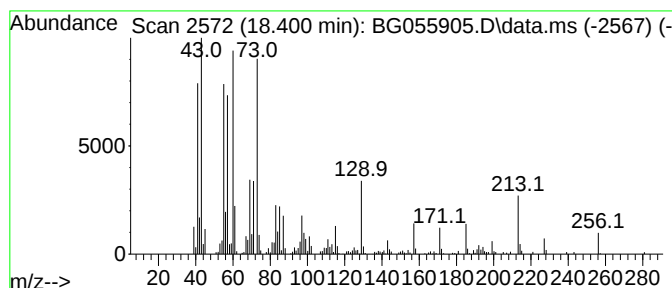
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.400	10.92 ng	313181	Phenanthrene-d10	17.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			n-Decanoic acid	172	C10H20O2	000334-48-5	60



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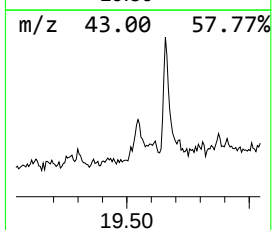
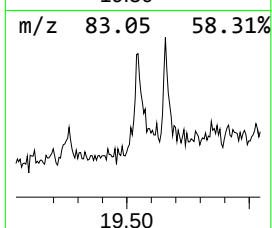
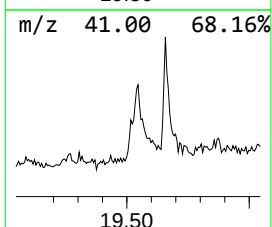
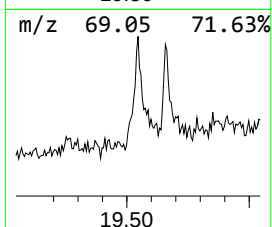
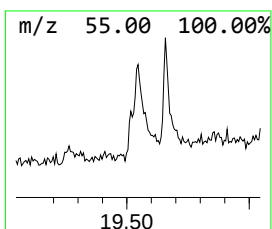
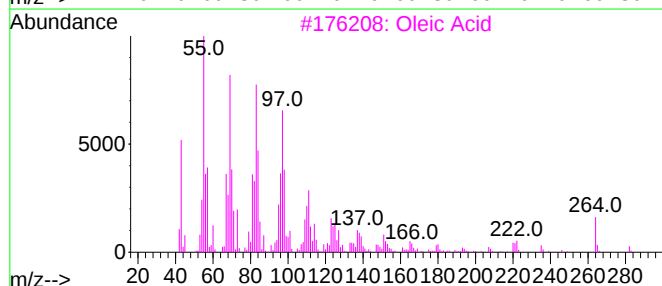
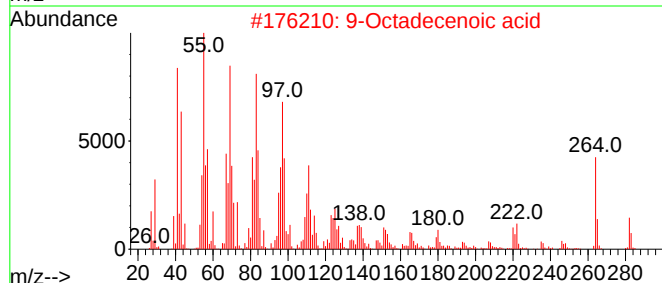
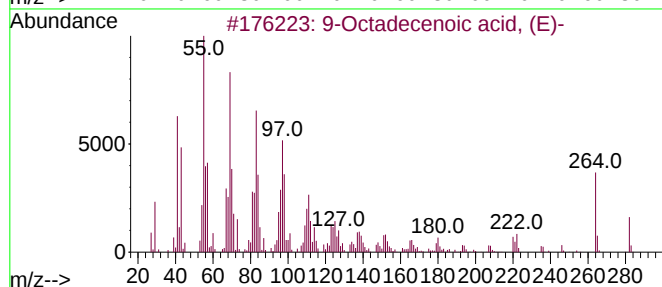
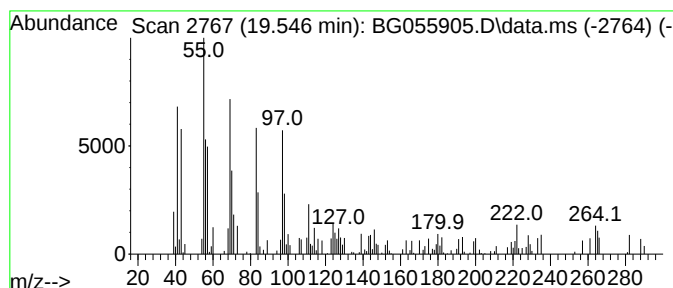
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Peak Number 4 9-Octadecenoic acid, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.546	2.33 ng	66893	Phenanthrene-d10	17.536	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
2	9-Octadecenoic acid	282	C18H34O2	002027-47-6	87
3	Oleic Acid	282	C18H34O2	000112-80-1	81
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	76
5	1-Tridecene	182	C13H26	002437-56-1	76



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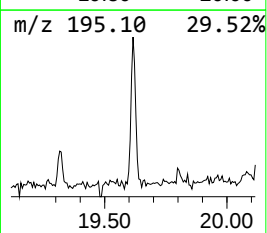
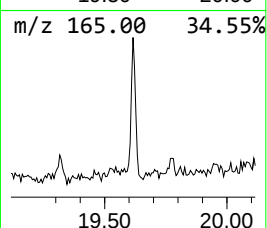
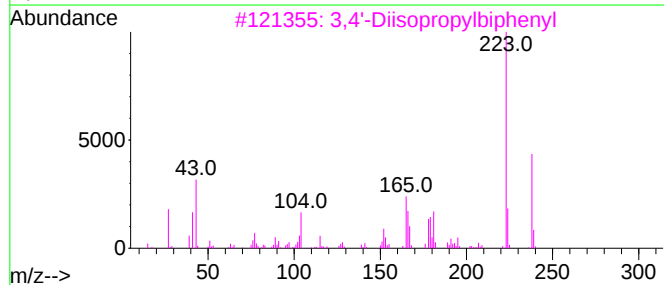
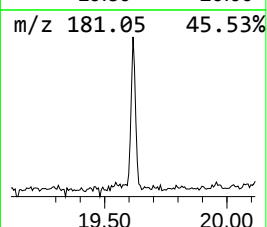
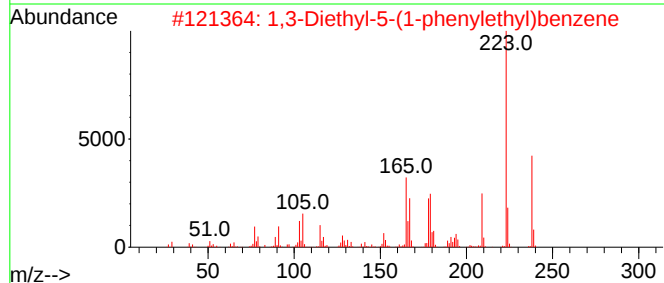
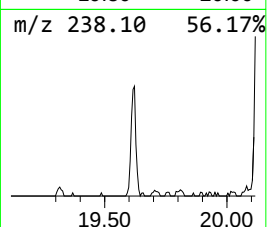
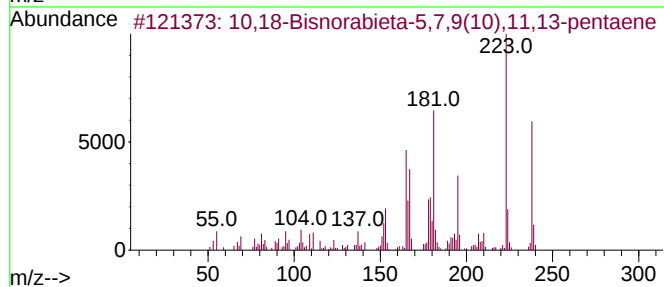
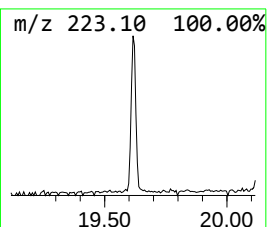
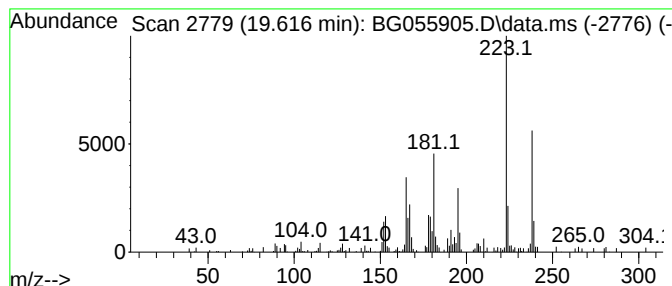
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.616	2.50 ng	71585	Phenanthrene-d10	17.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22		006566-19-4	98
2	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22		1000482-32-6	76
3	3,4'-Diisopropylbiphenyl	238	C18H22		061434-46-6	70
4	Anthracene, 1,4-dimethoxy-	238	C16H14O2		013076-29-4	58
5	Phenol, 2,6-bis(1,1-dimethylethy...	238	C14H22O5		000950-59-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055905.D
Acq On : 6 Dec 2022 16:00
Operator : CG/JU
Sample : N5863-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE

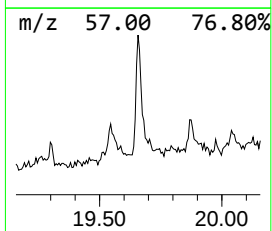
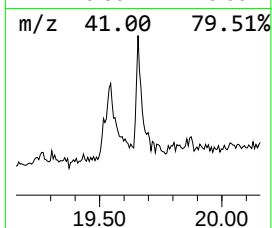
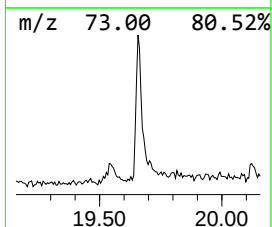
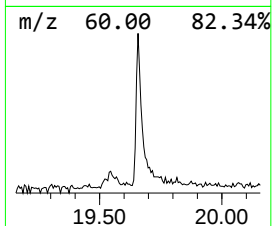
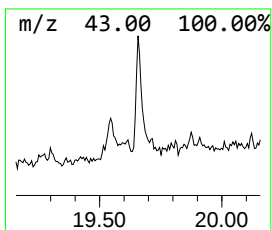
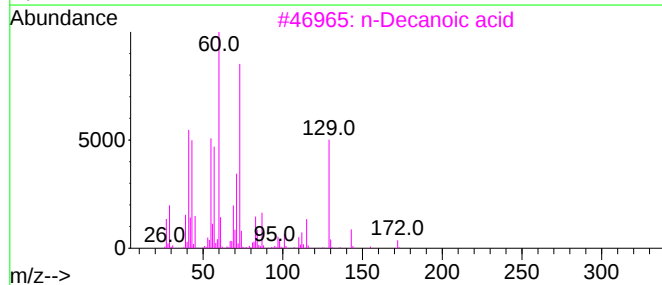
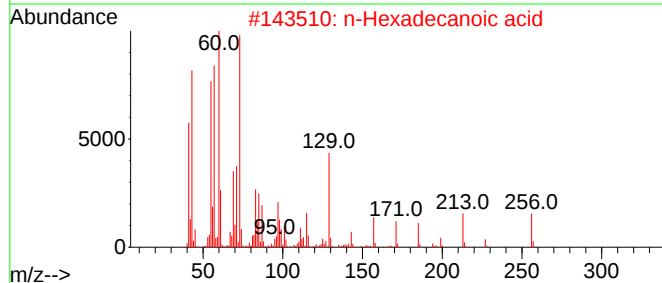
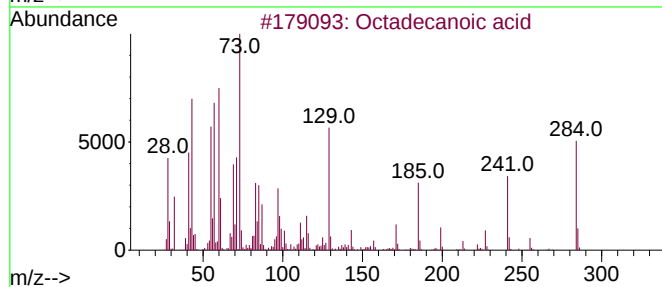
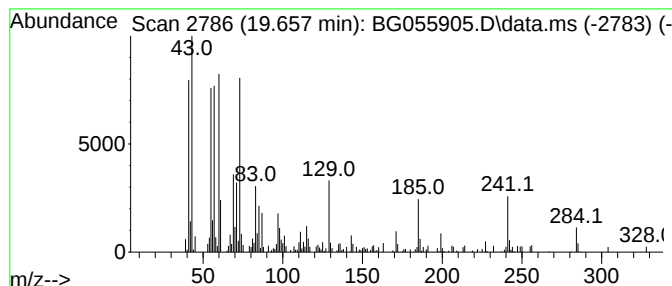
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.657	3.66 ng	104830	Phenanthrene-d10	17.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			n-Decanoic acid	172	C10H20O2	000334-48-5	78
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055905.D
Acq On : 6 Dec 2022 16:00
Operator : CG/JU
Sample : N5863-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE

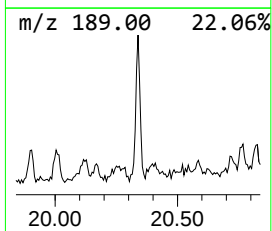
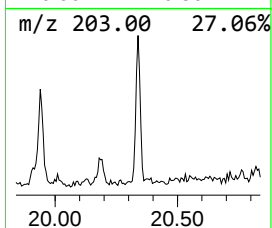
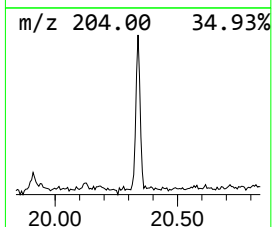
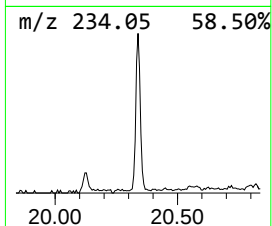
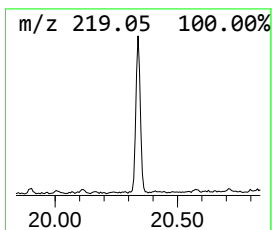
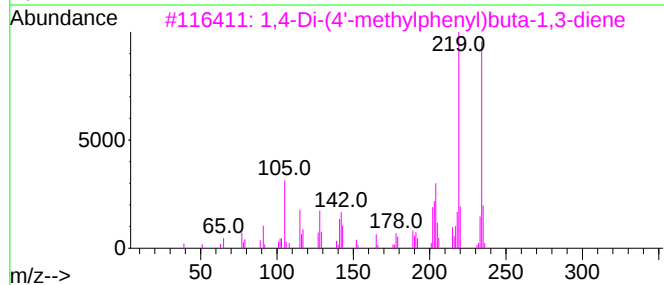
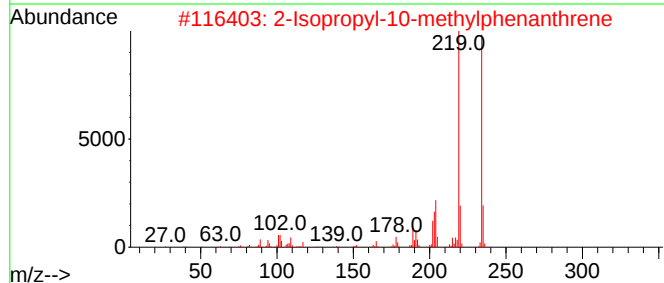
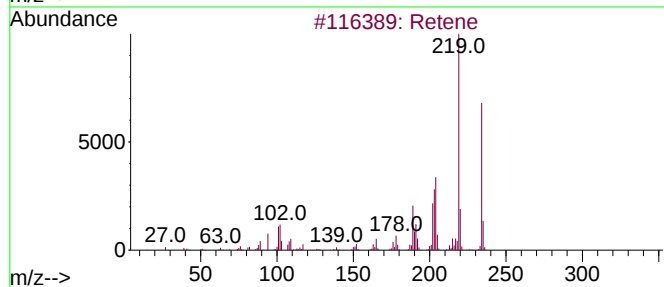
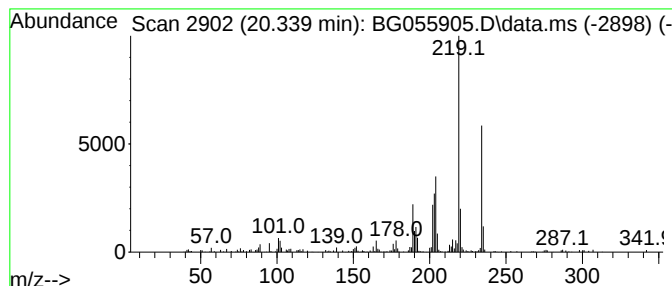
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Retene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.339	4.18 ng	116745	Chrysene-d12	21.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Retene	234	C18H18	000483-65-8	98
2			2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3			1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	72
4			4-(1H-Inden-1-ylidenemethyl)phen...	219	C16H13N	000487-61-6	55
5			Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055905.D
Acq On : 6 Dec 2022 16:00
Operator : CG/JU
Sample : N5863-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE

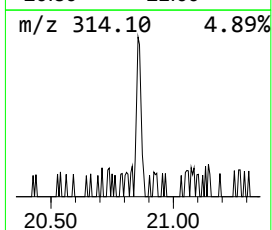
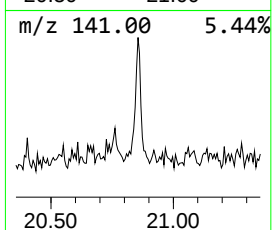
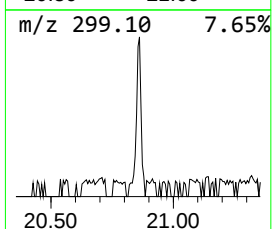
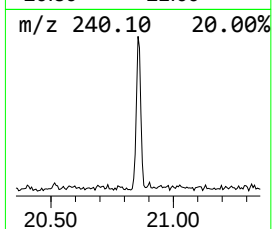
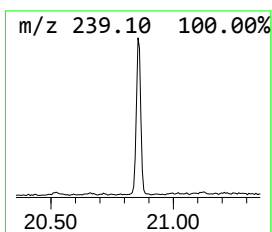
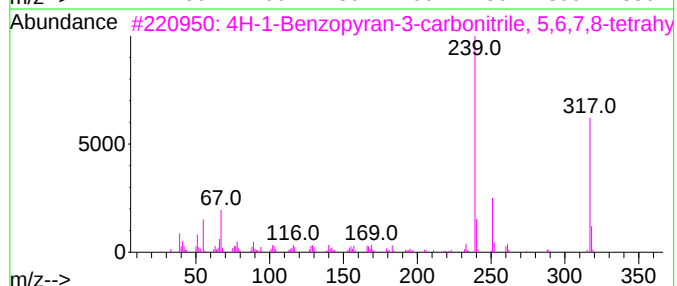
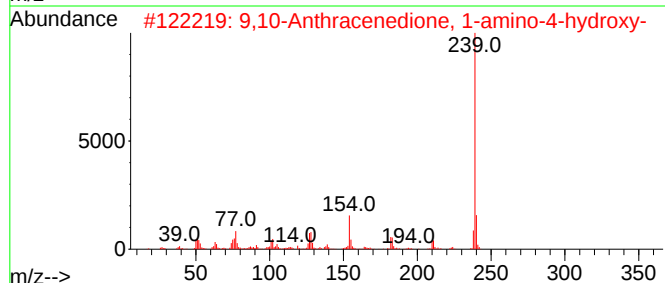
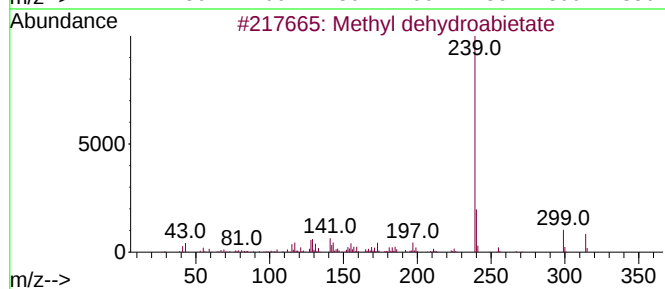
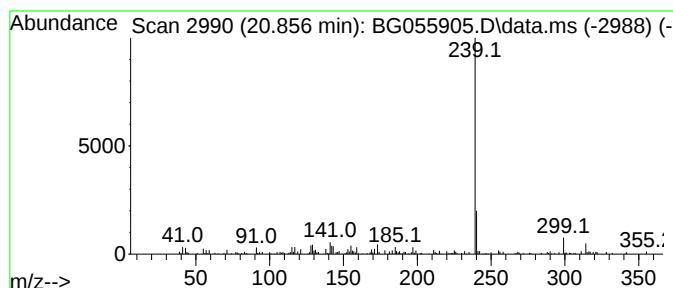
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Methyl dehydroabietate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.856	2.80 ng	78291	Chrysene-d12	21.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl dehydroabietate	314	C21H30O2	001235-74-1	90
2			9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	64
3			4H-1-Benzopyran-3-carbonitrile, ...	317	C19H15N3O2	1000319-30-6	42
4			Terephthalic acid, di(2-methylph...	346	C22H18O4	1000323-60-7	42
5			1-Pyrroline, 2-methylthio-4,4,5-...	310	C16H26N2S2	1000190-49-2	39



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055905.D
Acq On : 6 Dec 2022 16:00
Operator : CG/JU
Sample : N5863-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE

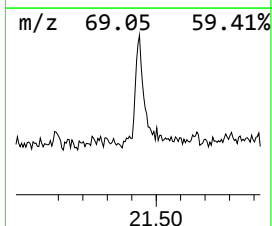
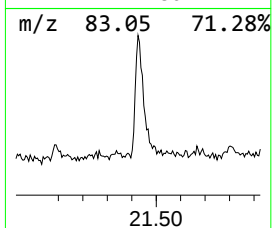
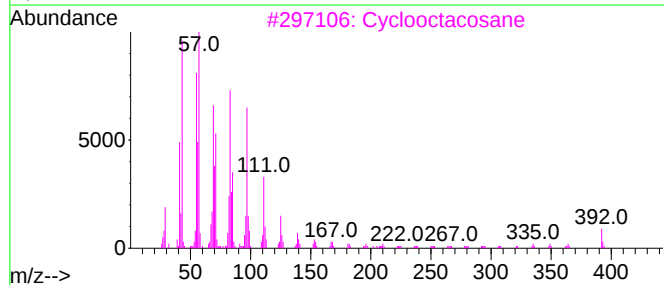
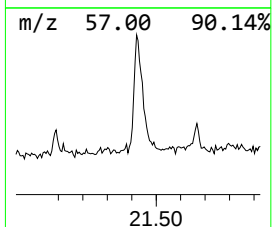
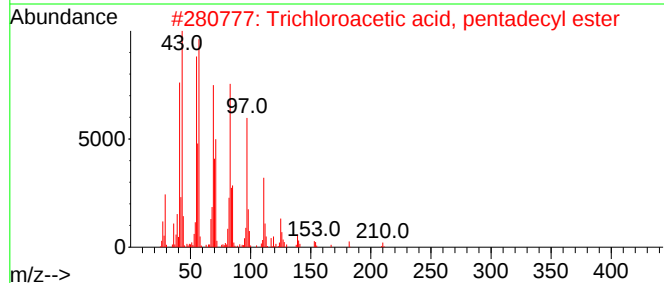
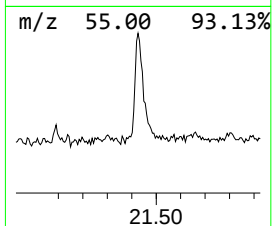
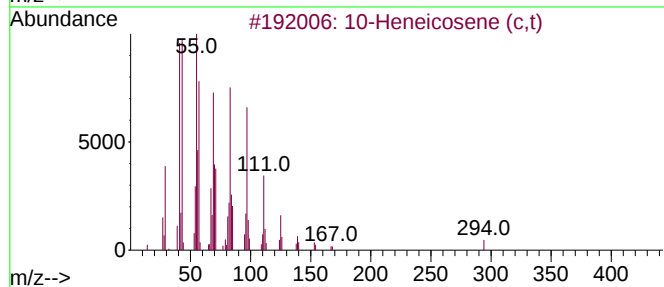
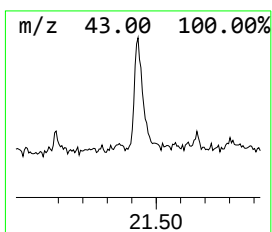
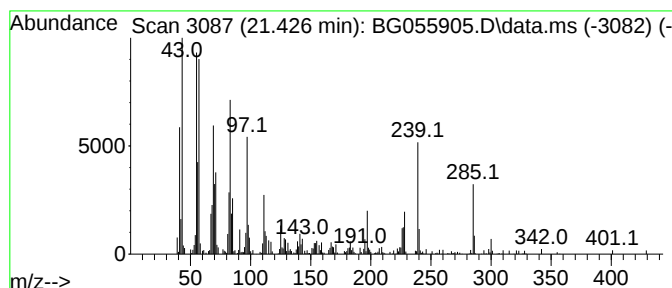
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 10-Heneicosene (c,t) Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.426	11.60 ng	324279	Chrysene-d12	21.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Heneicosene (c,t)	294	C21H42	095008-11-0	87
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	78
3			Cyclooctacosane	392	C28H56	000297-24-5	60
4			Cyclotetracosane	336	C24H48	000297-03-0	60
5			Octacosanol	410	C28H58O	000557-61-9	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055905.D
Acq On : 6 Dec 2022 16:00
Operator : CG/JU
Sample : N5863-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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-...	5.209	33.1	ng	302096	1	8.165	182416	20.0
Benzophenone	16.138	6.8	ng	157804	3	14.798	462998	20.0
n-Hexadecanoic ...	18.400	10.9	ng	313181	4	17.536	573619	20.0
9-Octadecenoic ...	19.546	2.3	ng	66893	4	17.536	573619	20.0
10,18-Bisnorabi...	19.616	2.5	ng	71585	4	17.536	573619	20.0
Octadecanoic acid	19.657	3.7	ng	104830	4	17.536	573619	20.0
Retene	20.339	4.2	ng	116745	5	21.819	559051	20.0
Methyl dehydroa...	20.856	2.8	ng	78291	5	21.819	559051	20.0
10-Heneicosene ...	21.426	11.6	ng	324279	5	21.819	559051	20.0