

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
 Data File : BG057607.D
 Acq On : 30 May 2023 15:28
 Operator : CG/JU
 Sample : 02955-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP05

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: BG057607.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.861	389	395	405	rBV	117584	192164	5.59%	1.255%
2	7.488	666	672	680	rBV	73619	132976	3.87%	0.869%
3	8.340	811	817	824	rBV	57218	97099	2.82%	0.634%
4	9.520	1010	1018	1030	rBV	177090	321720	9.35%	2.102%
5	11.177	1293	1300	1308	rVB	78657	138778	4.03%	0.907%
6	13.580	1703	1709	1719	rVB	493272	743982	21.62%	4.861%
7	14.960	1938	1944	1950	rVB	131972	199713	5.80%	1.305%
8	16.293	2166	2171	2177	rVB	77480	117172	3.41%	0.765%
9	16.440	2190	2196	2204	rBV	509258	796886	23.16%	5.206%
10	17.697	2402	2410	2423	rVB2	279954	569767	16.56%	3.722%
11	18.537	2548	2553	2565	rVB	234300	396731	11.53%	2.592%
12	19.054	2635	2641	2650	rVB	114482	252907	7.35%	1.652%
13	19.507	2712	2718	2725	rBV	119307	257437	7.48%	1.682%
14	19.789	2755	2766	2785	rVB	670233	1569846	45.63%	10.256%
15	20.035	2803	2808	2816	rVB	182371	319940	9.30%	2.090%
16	20.265	2842	2847	2853	rVB	1383012	1772943	51.53%	11.583%
17	20.846	2940	2946	2954	rBV	259300	443321	12.89%	2.896%
18	21.287	3012	3021	3028	rBV	1751864	3440503	100.00%	22.477%
19	21.674	3079	3087	3093	rVB	221665	455309	13.23%	2.975%
20	21.874	3115	3121	3132	rVB3	83879	240936	7.00%	1.574%
21	21.998	3136	3142	3150	rBV2	233664	406441	11.81%	2.655%
22	22.603	3237	3245	3254	rBV	207855	475991	13.83%	3.110%
23	23.678	3420	3428	3442	rVB2	165451	462425	13.44%	3.021%
24	24.941	3634	3643	3655	rVB3	143689	443451	12.89%	2.897%
25	25.487	3728	3736	3751	rVB	140638	432279	12.56%	2.824%
26	26.450	3890	3900	3912	rVB2	97298	362373	10.53%	2.367%
27	28.242	4197	4205	4220	rVB4	60173	263525	7.66%	1.722%

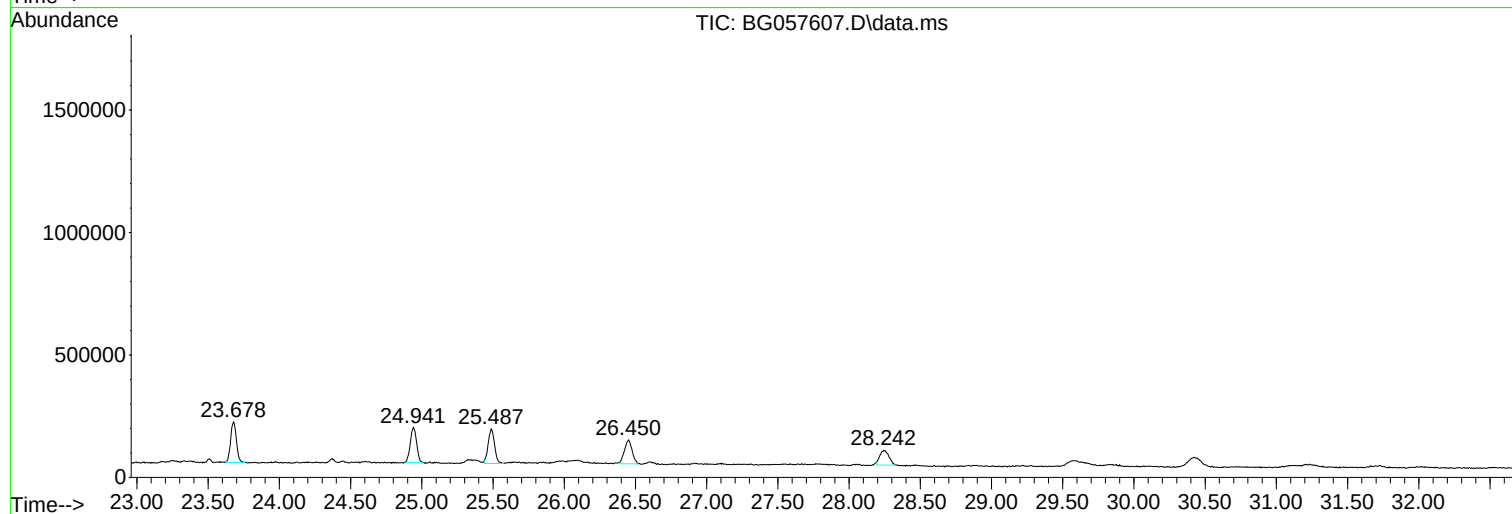
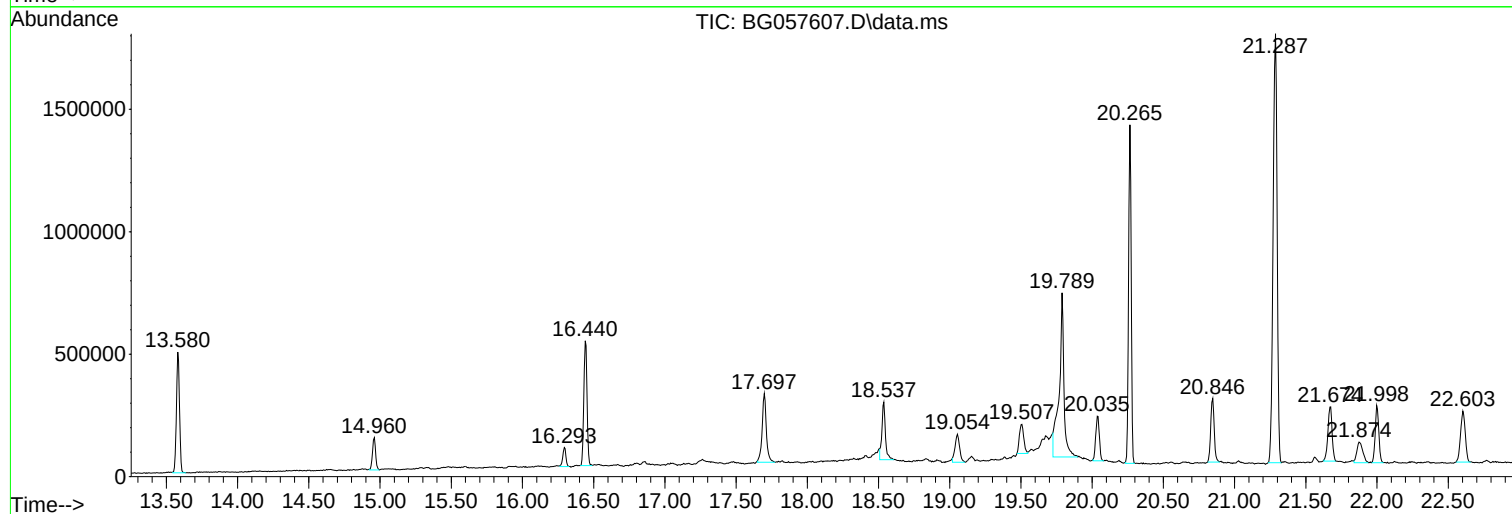
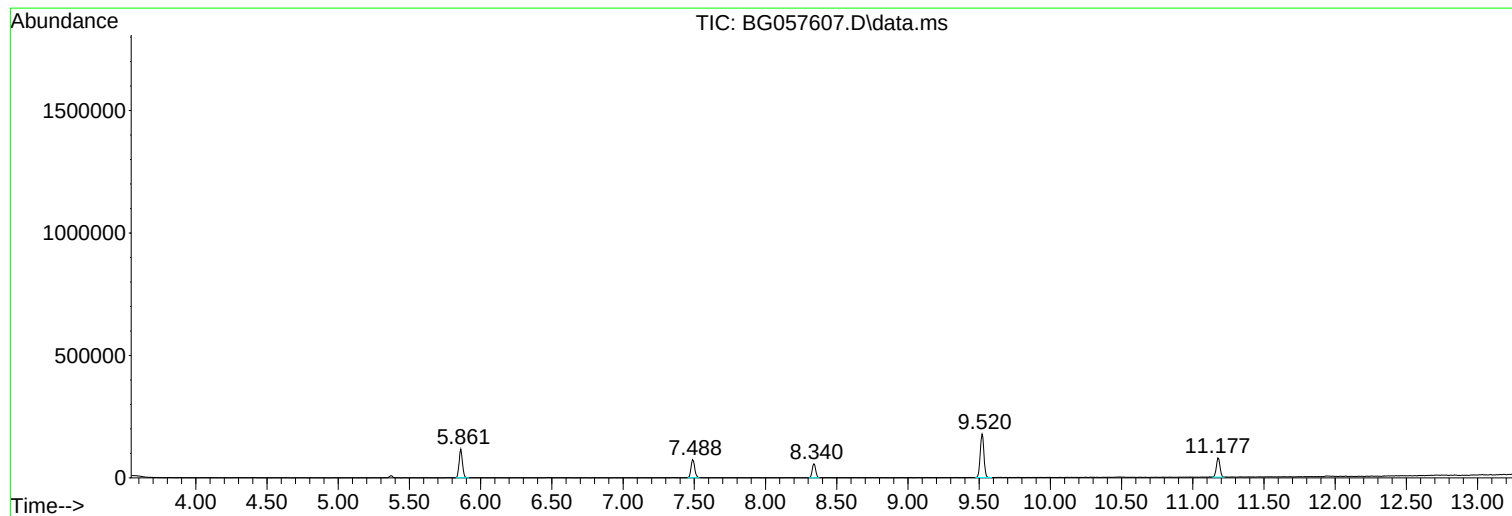
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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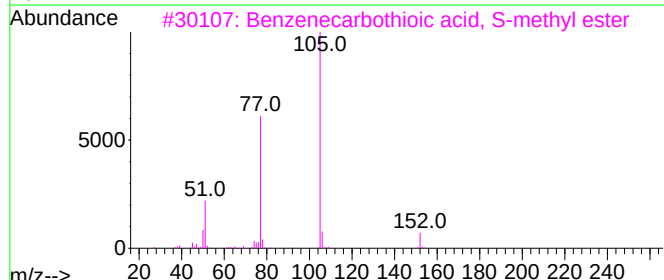
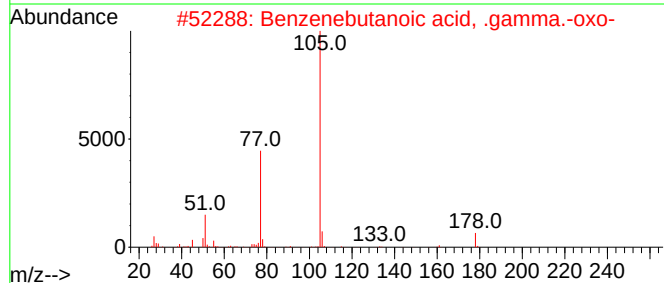
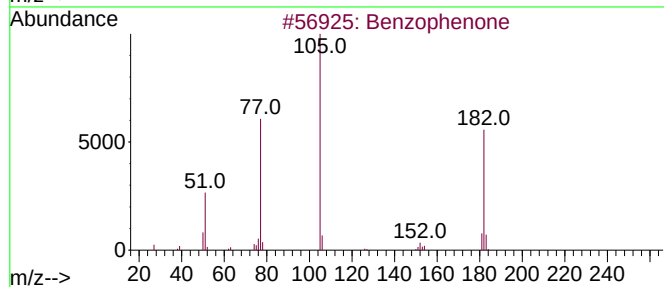
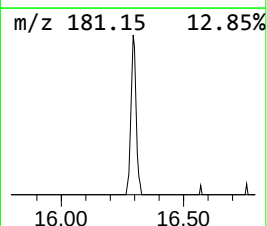
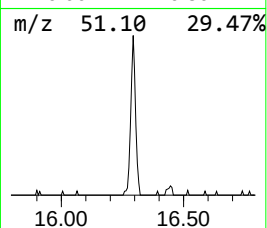
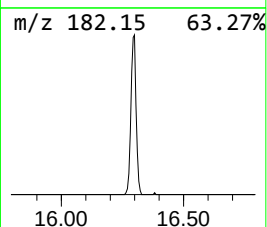
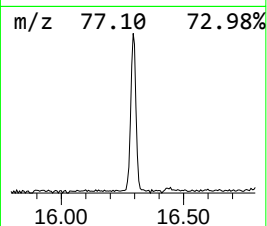
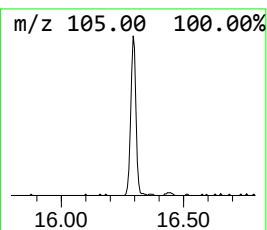
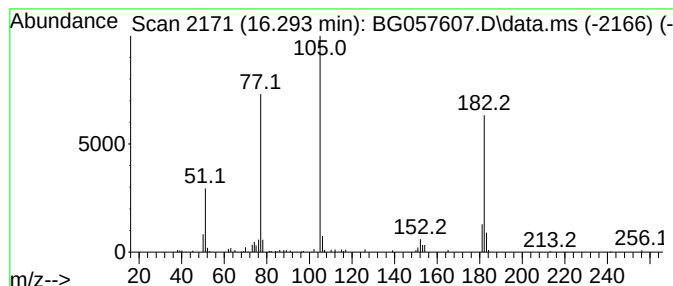
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 1 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	11.73 ng	117172	Acenaphthene-d10	14.960

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	46
5			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43



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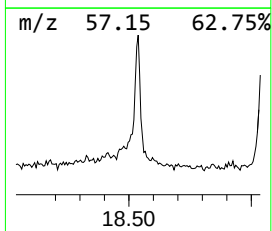
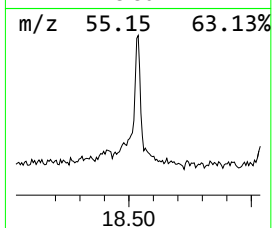
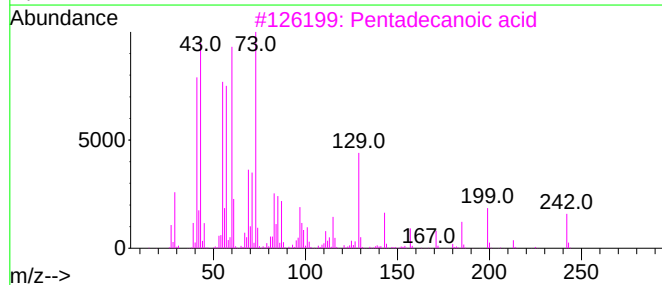
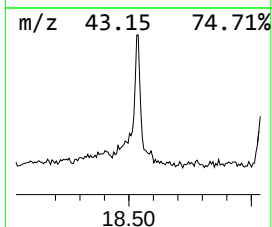
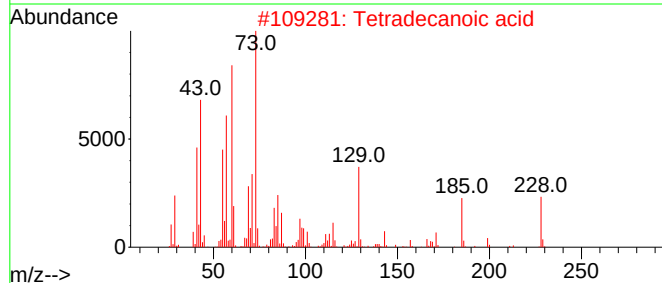
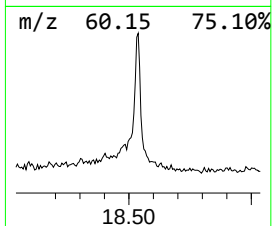
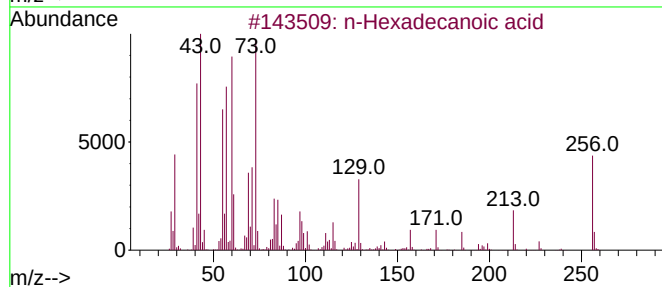
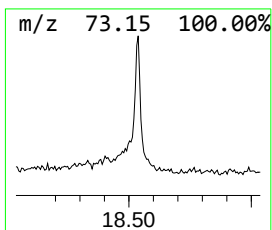
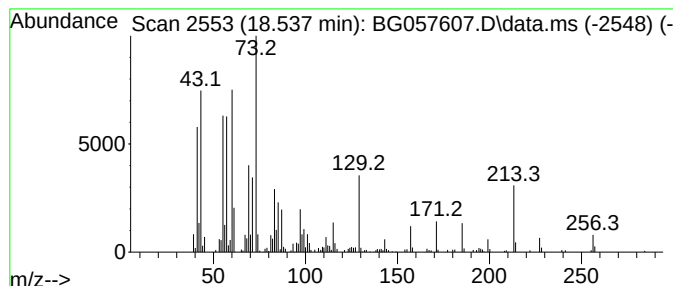
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.538	13.93 ng	396731	Phenanthrene-d10	17.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	87
5			Octadecanoic acid	284	C18H36O2	000057-11-4	81



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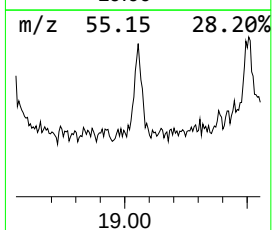
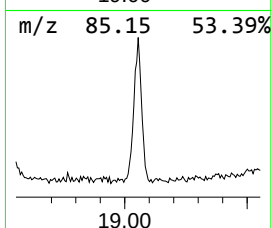
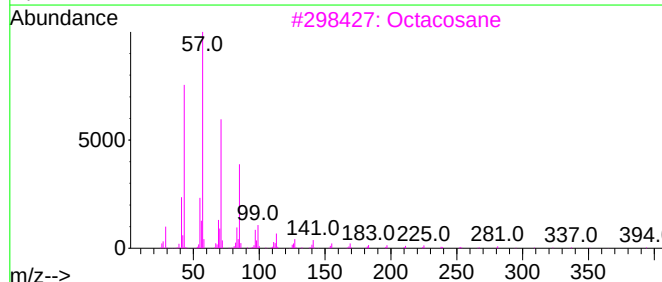
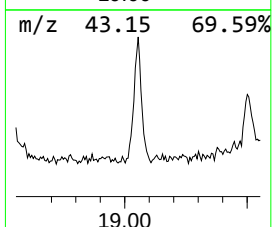
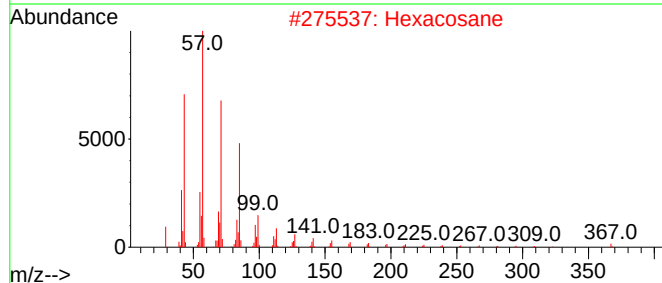
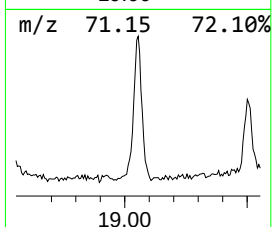
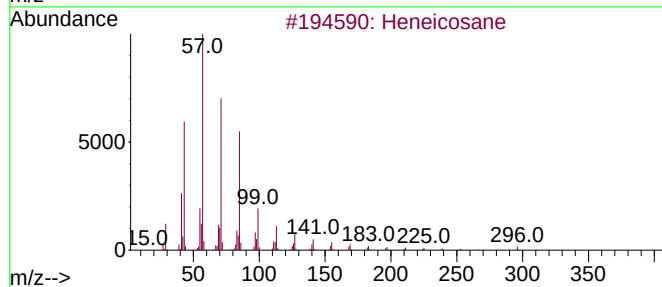
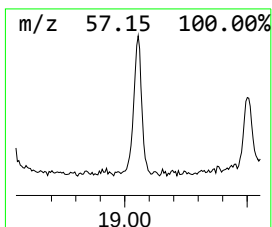
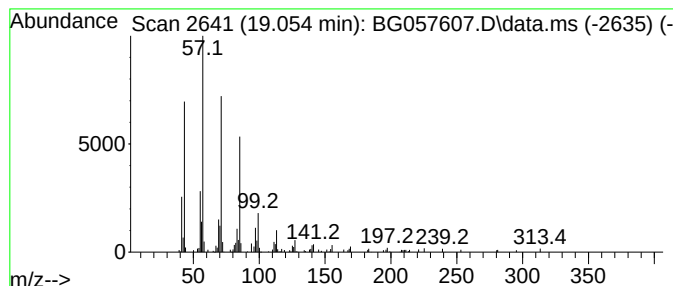
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Peak Number 3 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.054	8.88 ng	252907	Phenanthrene-d10	17.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5			Eicosane	282	C20H42	000112-95-8	87



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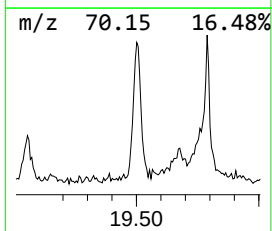
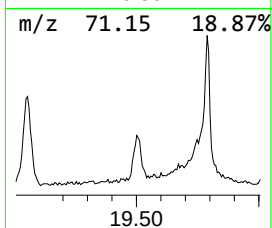
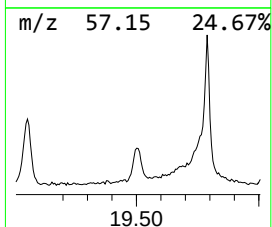
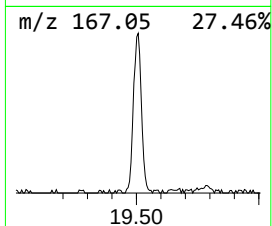
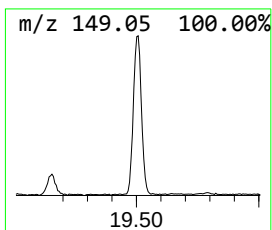
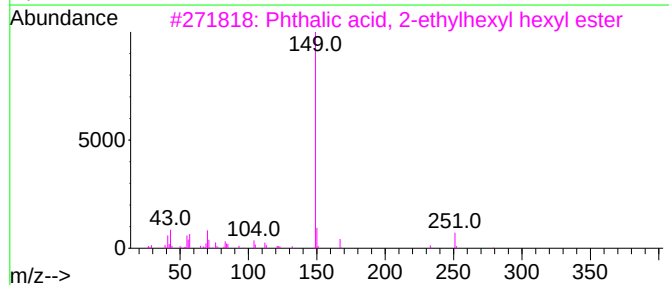
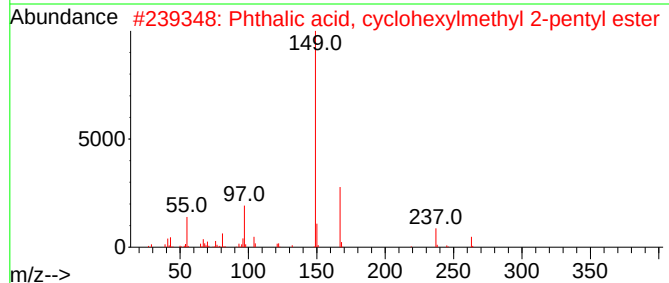
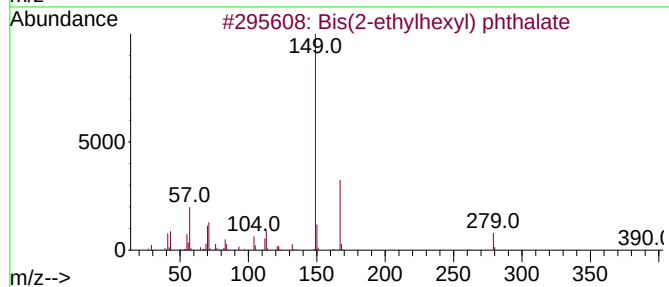
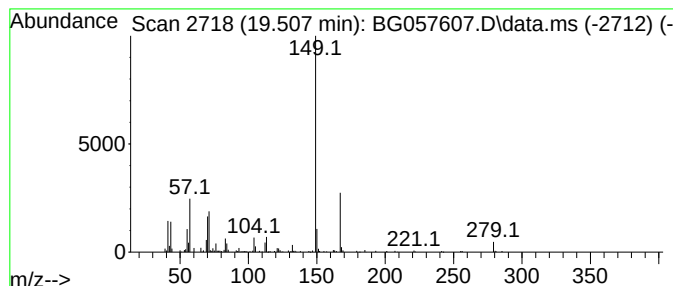
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Peak Number 4 Phthalic acid, cyclohexylme... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.507	9.04 ng	257437	Phenanthrene-d10	17.698	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	Phthalic acid, cyclohexylmethyl ...	332	C20H28O4	1000315-55-5	64
3	Phthalic acid, 2-ethylhexyl hexy...	362	C22H34O4	1000309-02-5	64
4	Phthalic acid, isohexyl 4-methyl...	334	C20H30O4	1010356-87-5	64
5	Phthalic acid, hept-2-yl isohexy...	348	C21H32O4	1000356-97-3	64



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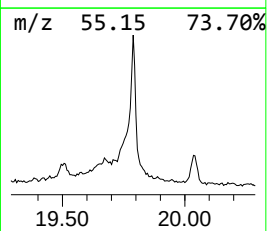
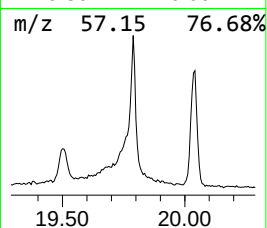
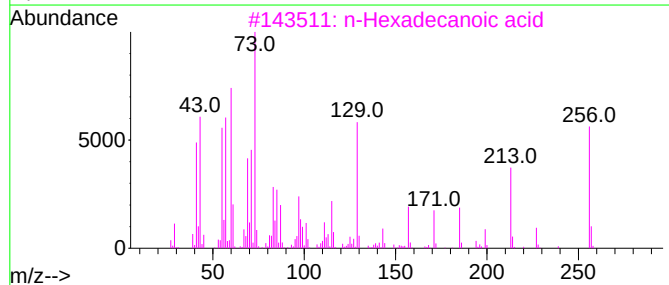
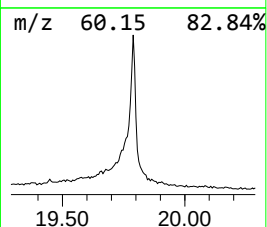
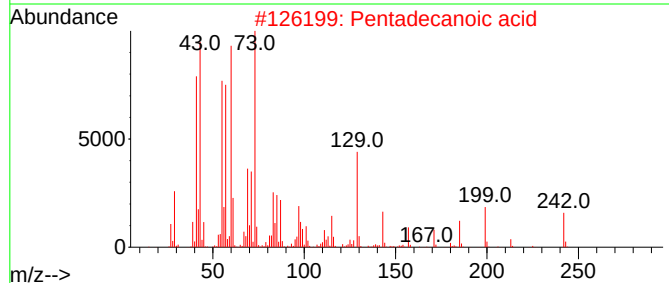
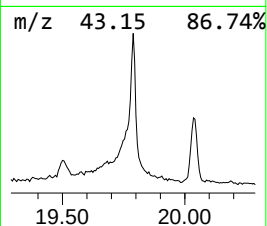
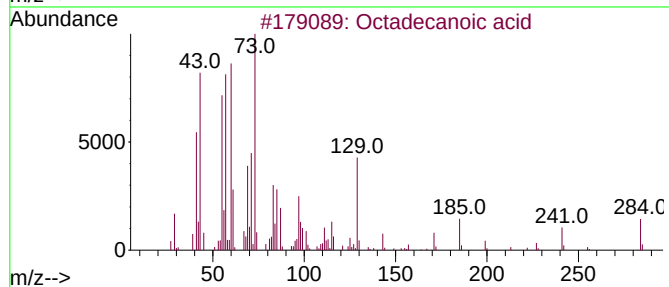
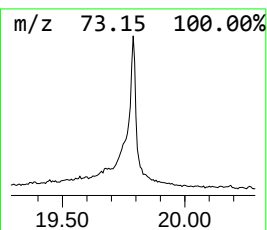
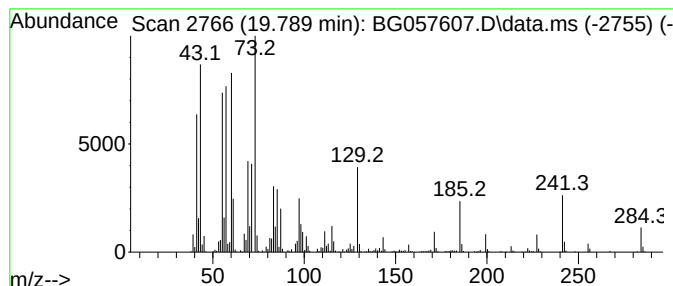
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.789	55.10 ng	1569850	Phenanthrene-d10	17.698	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



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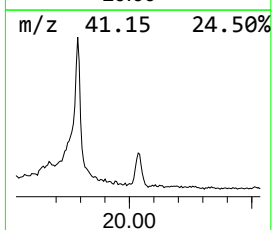
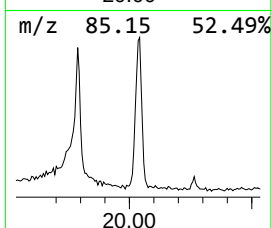
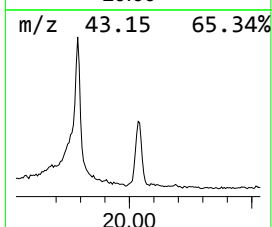
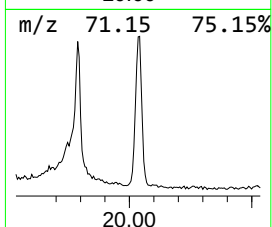
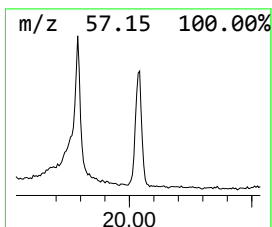
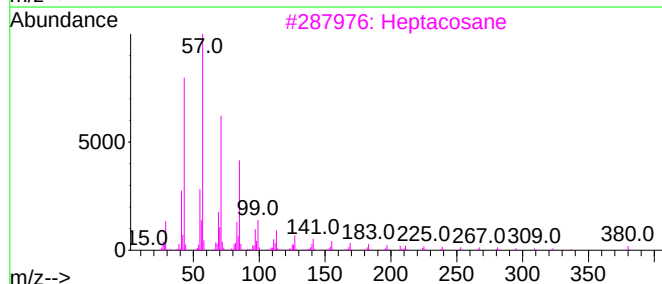
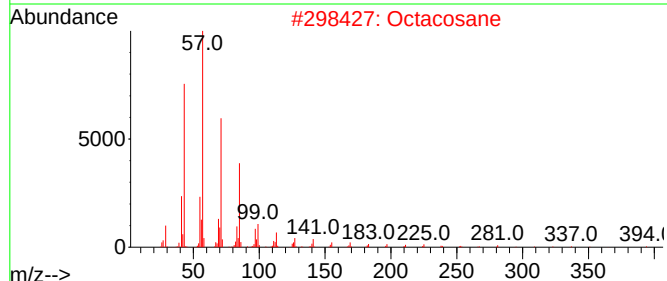
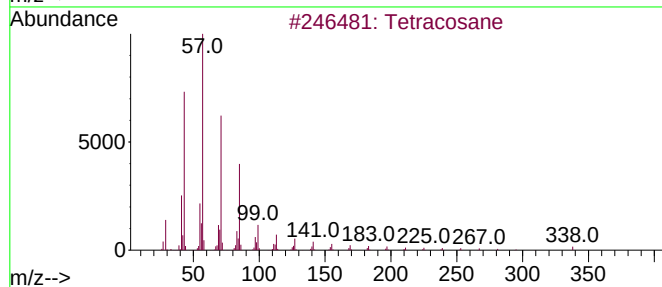
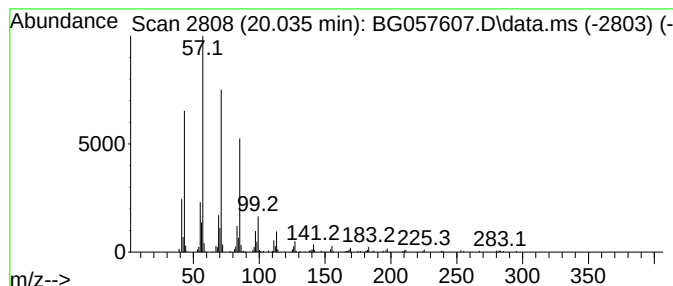
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.035	15.74 ng	319940	Chrysene-d12	21.997

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Octacosane	394	C28H58	000630-02-4	87
3			Heptacosane	380	C27H56	000593-49-7	87
4			Heptadecane	240	C17H36	000629-78-7	86
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057607.D
Acq On : 30 May 2023 15:28
Operator : CG/JU
Sample : 02955-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

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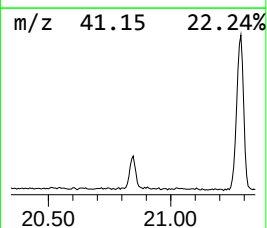
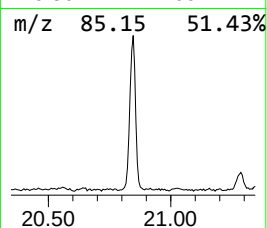
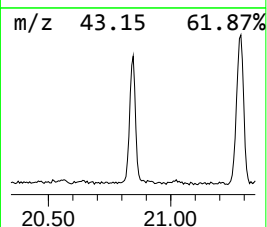
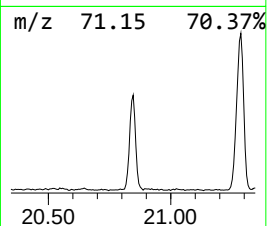
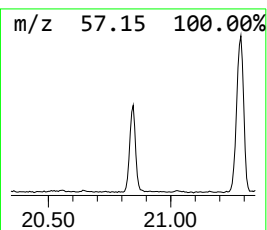
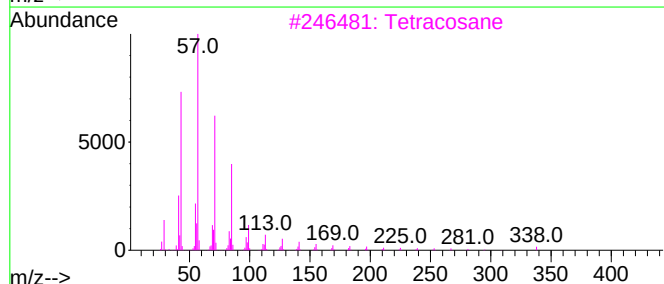
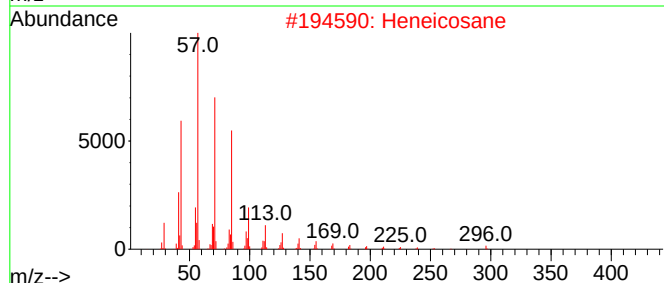
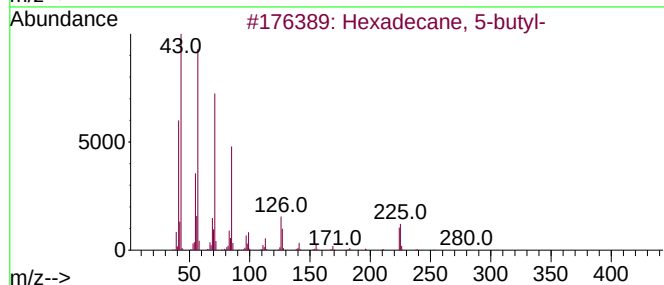
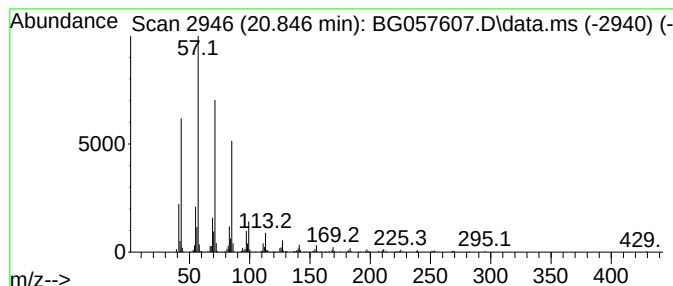
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane, 5-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.846	21.81 ng	443321	Chrysene-d12	21.997

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
2		Heneicosane	296	C21H44	000629-94-7	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Octadecane	254	C18H38	000593-45-3	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
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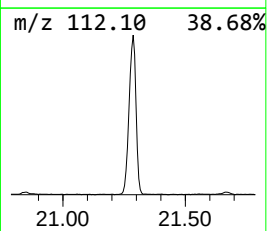
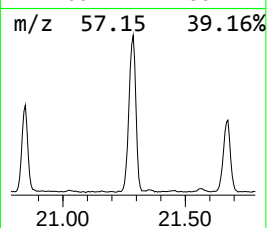
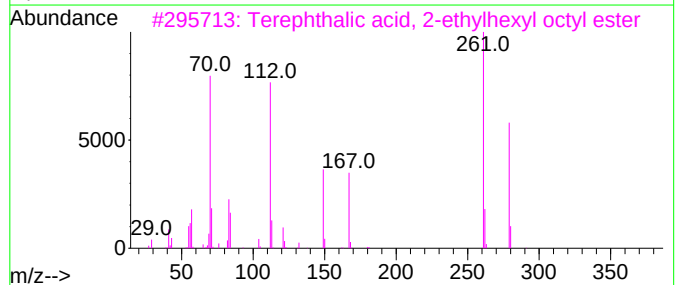
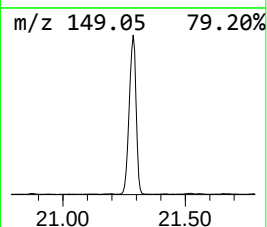
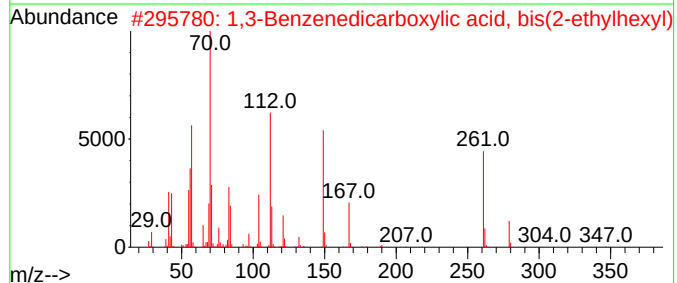
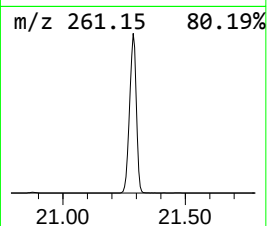
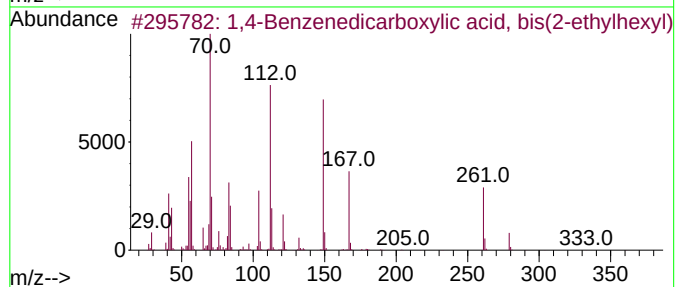
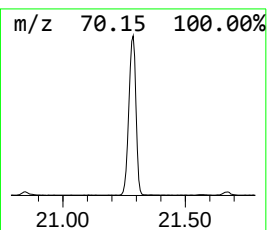
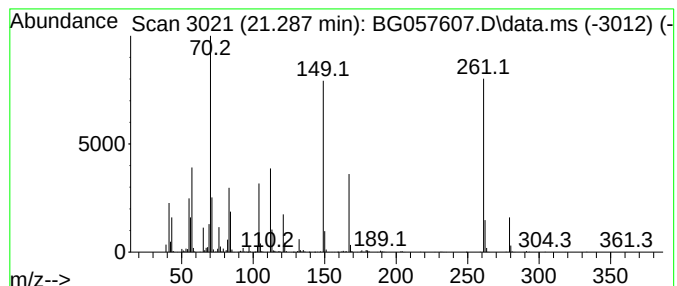
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,4-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.287	169.30 ng	3440500	Chrysene-d12	21.997

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	62
2			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	53
3			Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	47
4			Phthalic acid, 3,5-difluoropheny...	348	C19H18F2O4	1000315-54-1	38
5			Terephthalic acid, 4-bromophenyl...	432	C22H25BrO4	1000323-68-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
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Sample : 02955-13
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ALS Vial : 4 Sample Multiplier: 1

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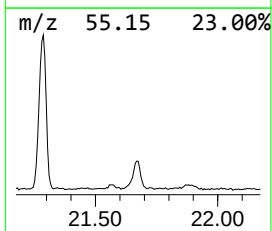
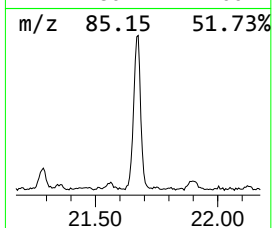
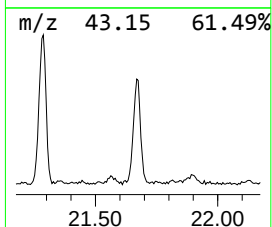
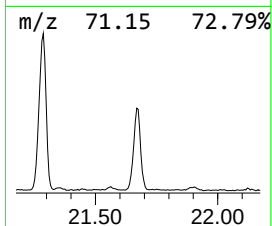
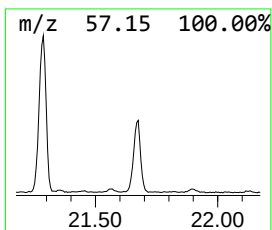
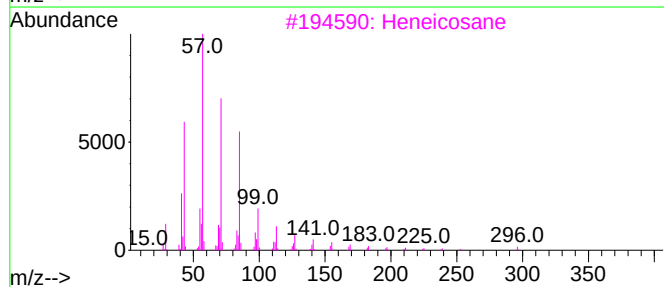
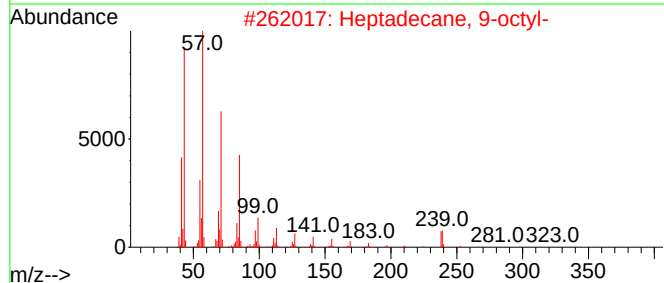
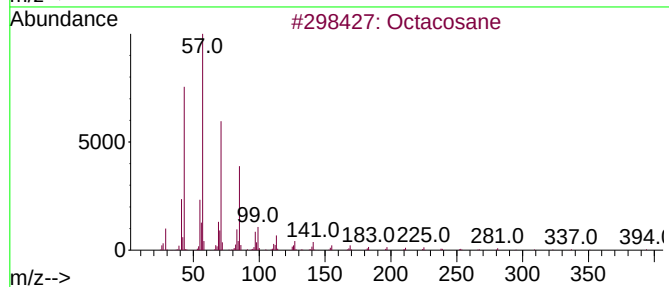
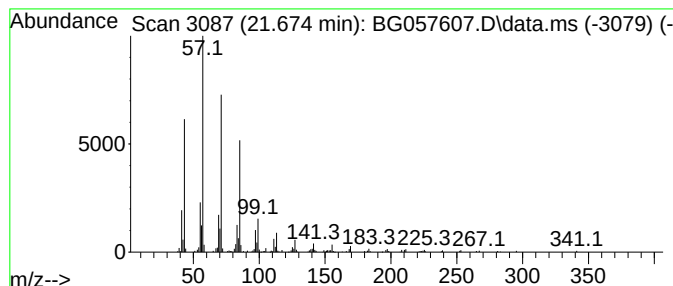
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.674	22.40 ng	455309	Chrysene-d12	21.997

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Triacontane	422	C30H62	000638-68-6	91
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
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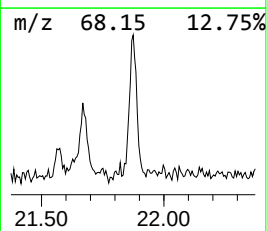
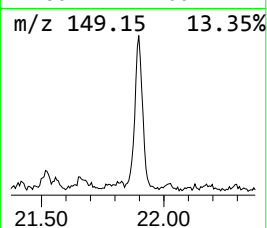
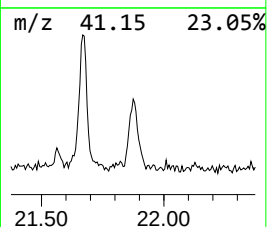
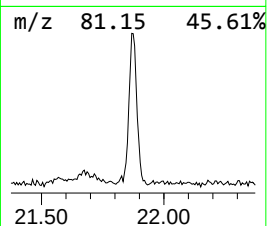
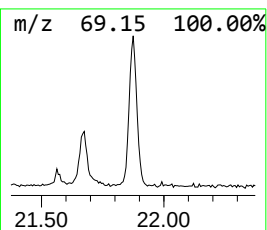
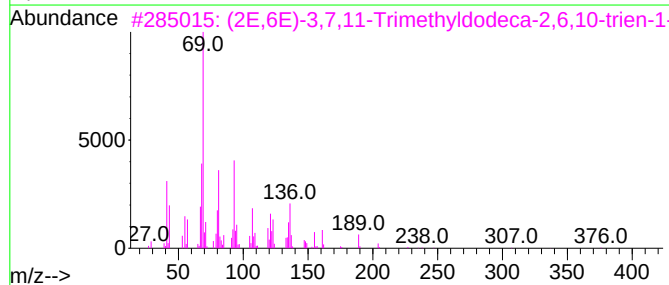
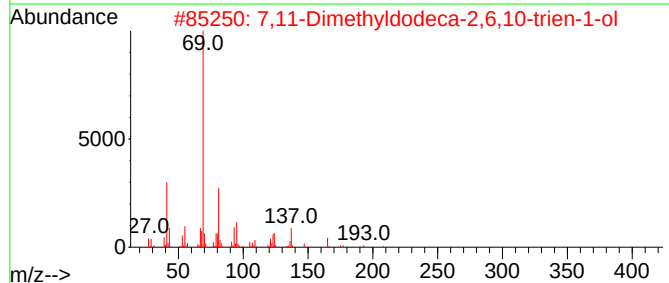
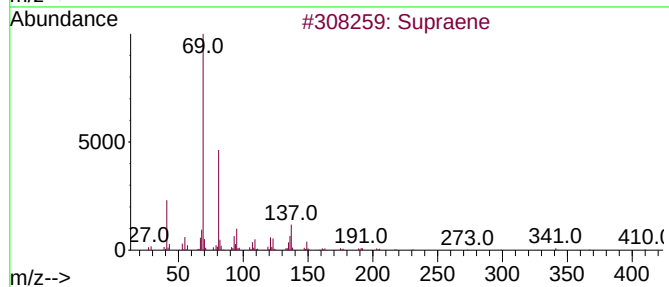
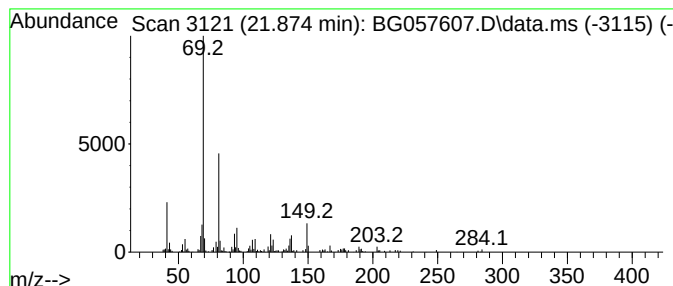
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Supraene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.874	11.86 ng	240936	Chrysene-d12	21.997

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Supraene	410	C30H50	007683-64-9	80
2		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
3		(2E,6E)-3,7,11-Trimethyldodeca-2...	376	C25H44O2	078368-57-7	64
4		3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	64
5		4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
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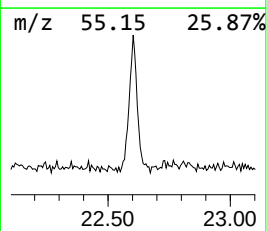
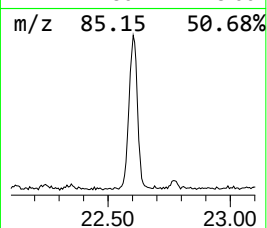
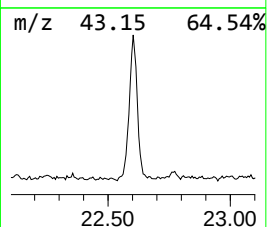
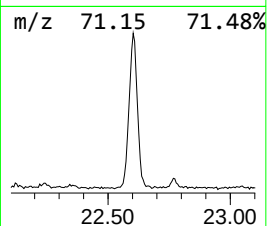
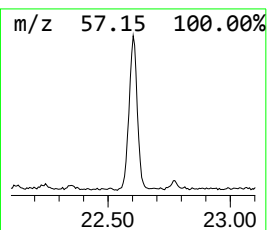
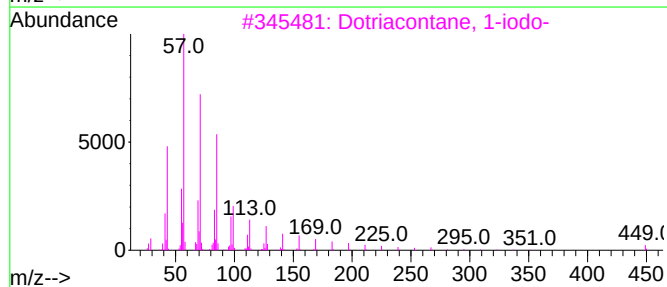
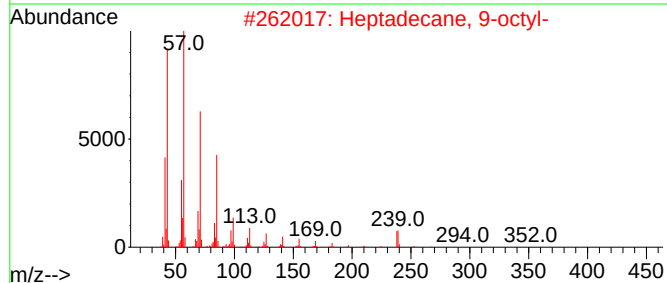
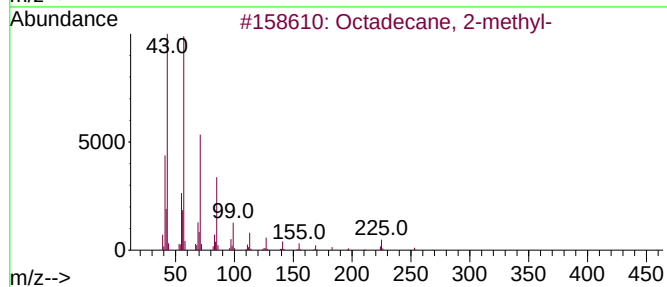
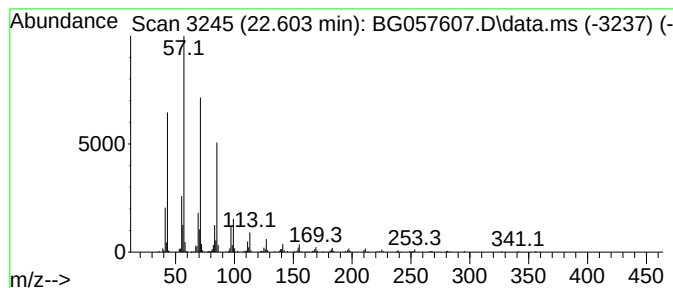
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.603	23.42 ng	475991	Chrysene-d12		21.997	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-		268	C19H40	001560-88-9	93
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
3	Dotriacontane, 1-iodo-		576	C32H65I	1000406-32-4	91
4	Tetracosane		338	C24H50	000646-31-1	90
5	Tetratetracontane		619	C44H90	007098-22-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
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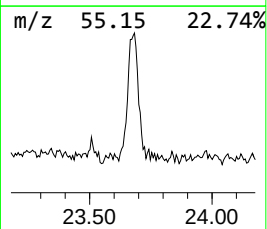
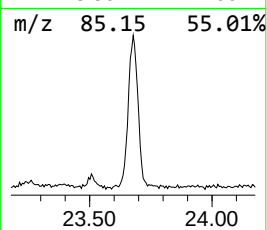
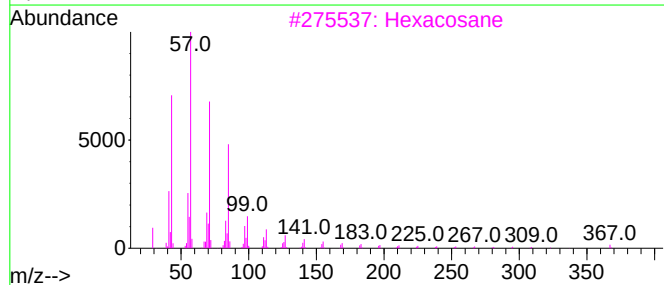
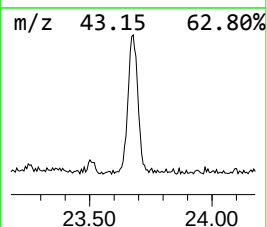
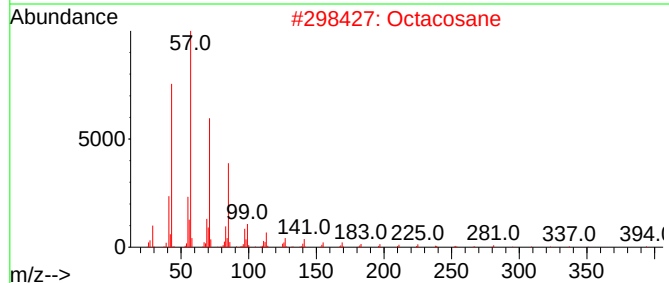
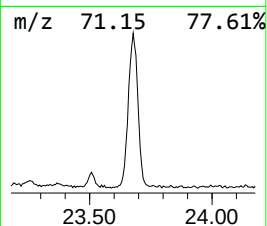
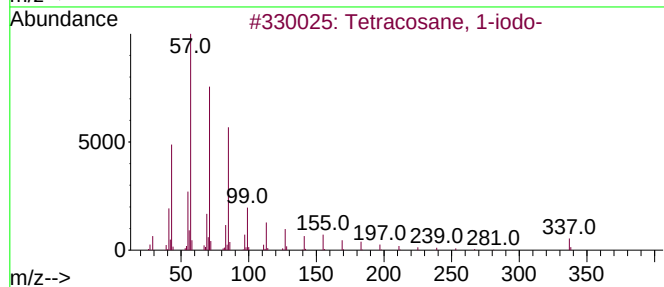
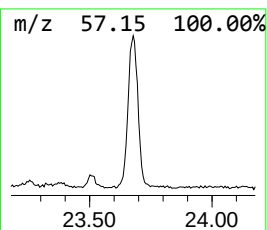
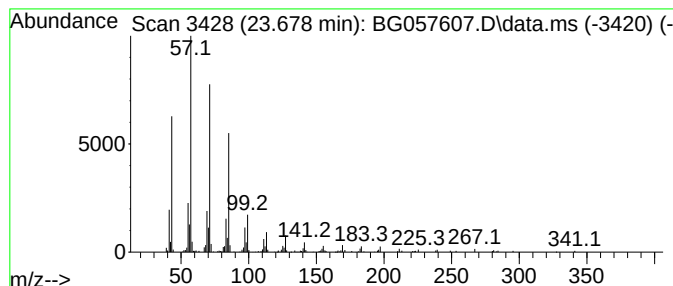
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetracosane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.678	22.75 ng	462425	Chrysene-d12	21.997

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Docosane, 1-iodo-	436	C22H45I	1000406-31-9	91
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
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ALS Vial : 4 Sample Multiplier: 1

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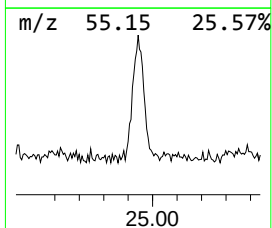
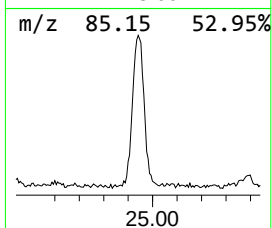
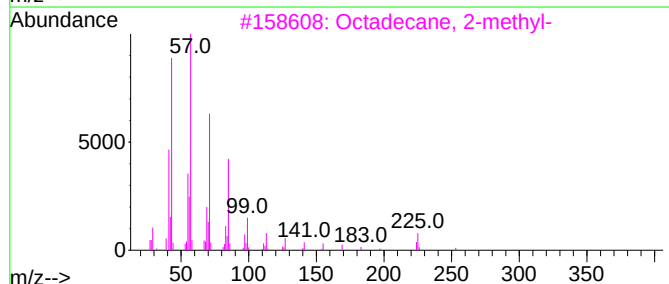
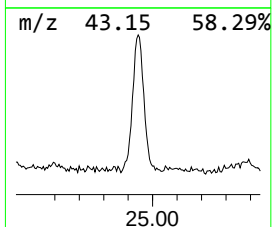
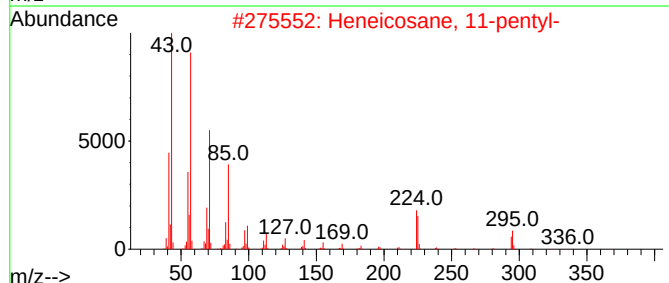
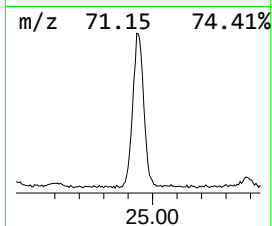
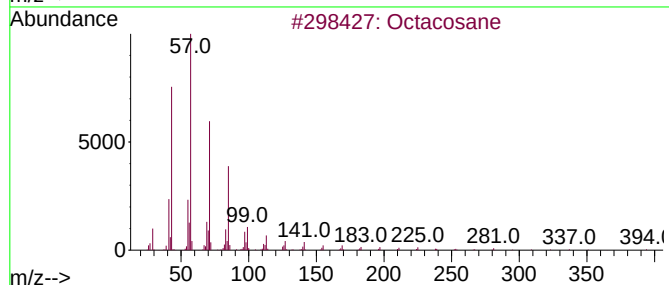
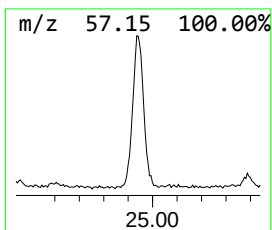
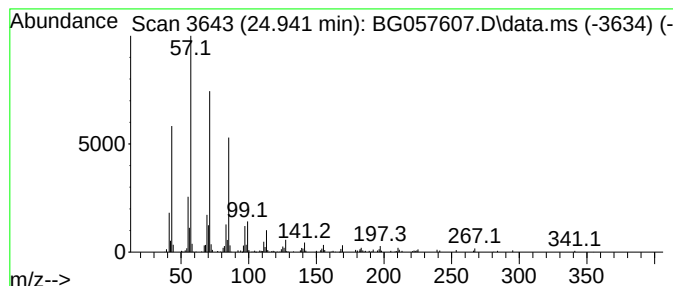
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane, 11-pentyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.941	20.52 ng	443451	Perylene-d12	25.487

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057607.D
Acq On : 30 May 2023 15:28
Operator : CG/JU
Sample : 02955-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWP05

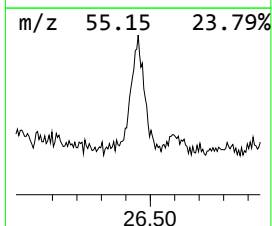
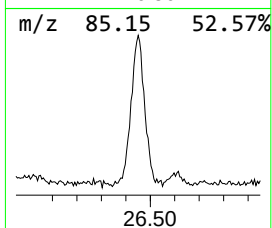
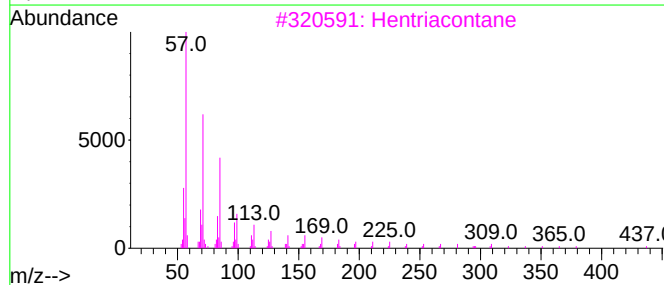
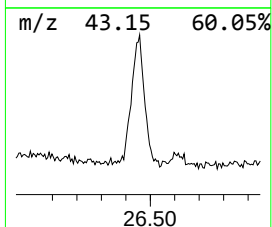
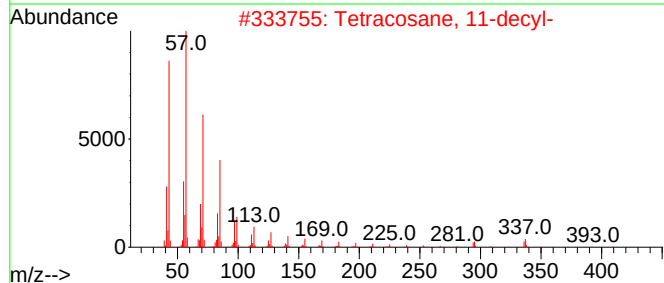
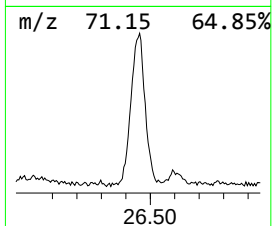
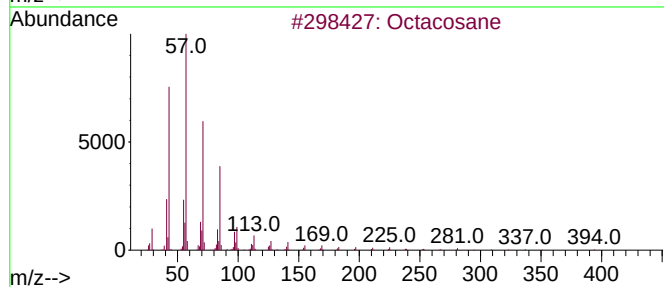
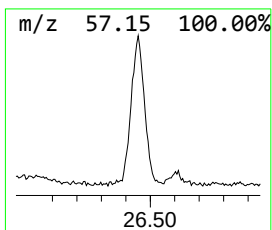
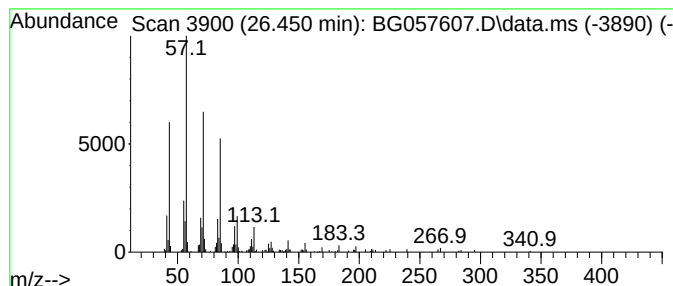
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetracosane, 11-decyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.450	16.77 ng	362373	Perylene-d12	25.487

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
3			Hentriacontane	437	C31H64	000630-04-6	87
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057607.D
Acq On : 30 May 2023 15:28
Operator : CG/JU
Sample : 02955-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWP05

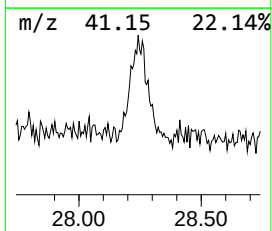
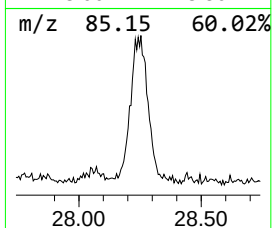
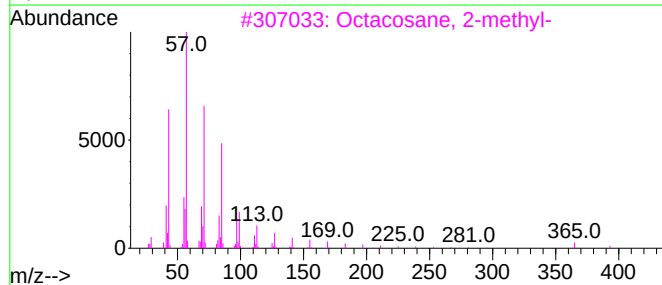
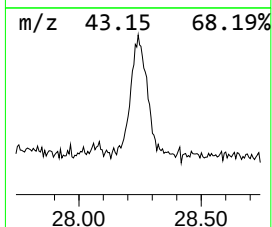
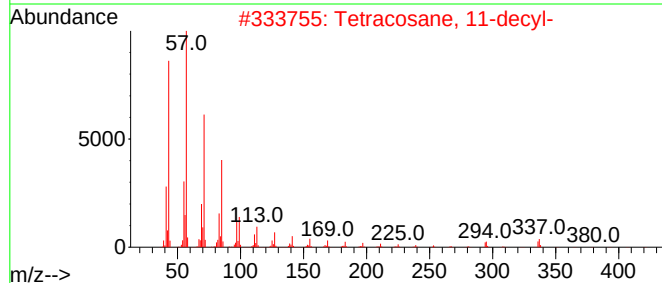
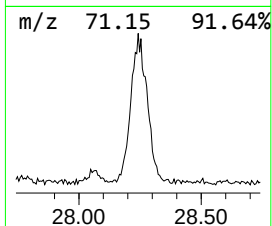
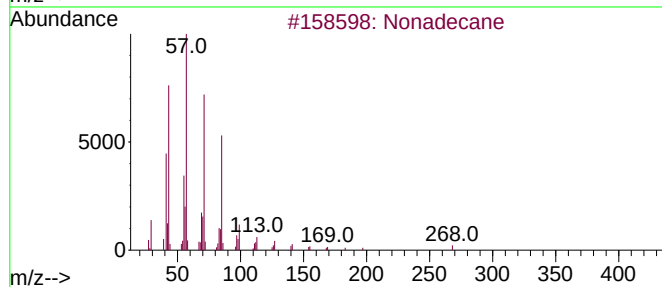
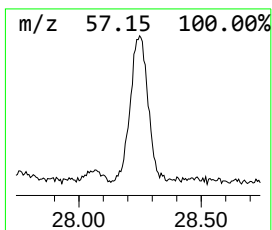
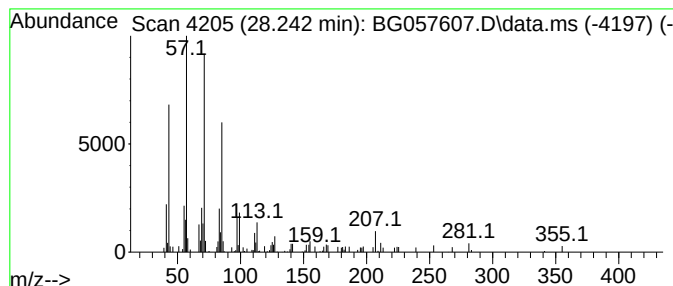
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.242	12.19 ng	263525	Perylene-d12	25.487

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
4			Hexacosane	366	C26H54	000630-01-3	87
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057607.D
Acq On : 30 May 2023 15:28
Operator : CG/JU
Sample : 02955-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWP05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.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
Benzophenone	16.294	11.7	ng	117172	3	14.960	199713	20.0
n-Hexadecanoic ...	18.538	13.9	ng	396731	4	17.698	569767	20.0
Heneicosane	19.054	8.9	ng	252907	4	17.698	569767	20.0
Phthalic acid, ...	19.507	9.0	ng	257437	4	17.698	569767	20.0
Octadecanoic acid	19.789	55.1	ng	1569850	4	17.698	569767	20.0
Tetracosane	20.035	15.7	ng	319940	5	21.997	406441	20.0
Hexadecane, 5-b...	20.846	21.8	ng	443321	5	21.997	406441	20.0
1,4-Benzenedica...	21.287	169.3	ng	3440500	5	21.997	406441	20.0
Octacosane	21.674	22.4	ng	455309	5	21.997	406441	20.0
Supraene	21.874	11.9	ng	240936	5	21.997	406441	20.0
Octadecane, 2-m...	22.603	23.4	ng	475991	5	21.997	406441	20.0
Tetracosane, 1-...	23.678	22.8	ng	462425	5	21.997	406441	20.0
Heneicosane, 11...	24.941	20.5	ng	443451	6	25.487	432279	20.0
Tetracosane, 11...	26.450	16.8	ng	362373	6	25.487	432279	20.0
Nonadecane	28.242	12.2	ng	263525	6	25.487	432279	20.0