

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024759.D
 Acq On : 22 May 2025 15:00
 Operator : RC/JU
 Sample : Q2093-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DRUM

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_P\Methods\8270E-BP051325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024759.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.817	289	294	302	rBV	163692	236826	3.02%	0.652%
2	5.287	367	374	399	rBV	1721688	2719739	34.70%	7.493%
3	6.852	634	640	662	rBV	1555192	2857051	36.46%	7.871%
4	7.652	769	776	786	rBV	420031	648529	8.28%	1.787%
5	8.799	964	971	996	rBV	1016864	1884698	24.05%	5.192%
6	10.422	1237	1247	1265	rBV	488971	915119	11.68%	2.521%
7	12.893	1659	1667	1686	rBV	3218629	4489193	57.28%	12.368%
8	14.287	1893	1904	1922	rBV	730044	1302606	16.62%	3.589%
9	15.669	2133	2139	2155	rBV	606303	923439	11.78%	2.544%
10	15.798	2155	2161	2180	rBV	2955872	4809074	61.36%	13.249%
11	17.081	2372	2379	2394	rBV2	827323	1579807	20.16%	4.352%
12	17.492	2442	2449	2464	rBV	74710	196912	2.51%	0.542%
13	18.028	2534	2540	2557	rBV	478405	810111	10.34%	2.232%
14	18.910	2682	2690	2700	rBV4	45223	130830	1.67%	0.360%
15	19.357	2762	2766	2778	rBV2	105835	198315	2.53%	0.546%
16	19.810	2837	2843	2854	rBV	5981528	7836931	100.00%	21.591%
17	21.180	3072	3076	3090	rBV	283638	552248	7.05%	1.521%
18	21.522	3128	3134	3142	rBV	1079601	1881731	24.01%	5.184%
19	23.286	3430	3434	3441	rVB	157197	290457	3.71%	0.800%
20	24.804	3685	3692	3707	rVB	744477	1949031	24.87%	5.370%
21	26.339	3950	3953	3954	rBV	78743	85133	1.09%	0.235%

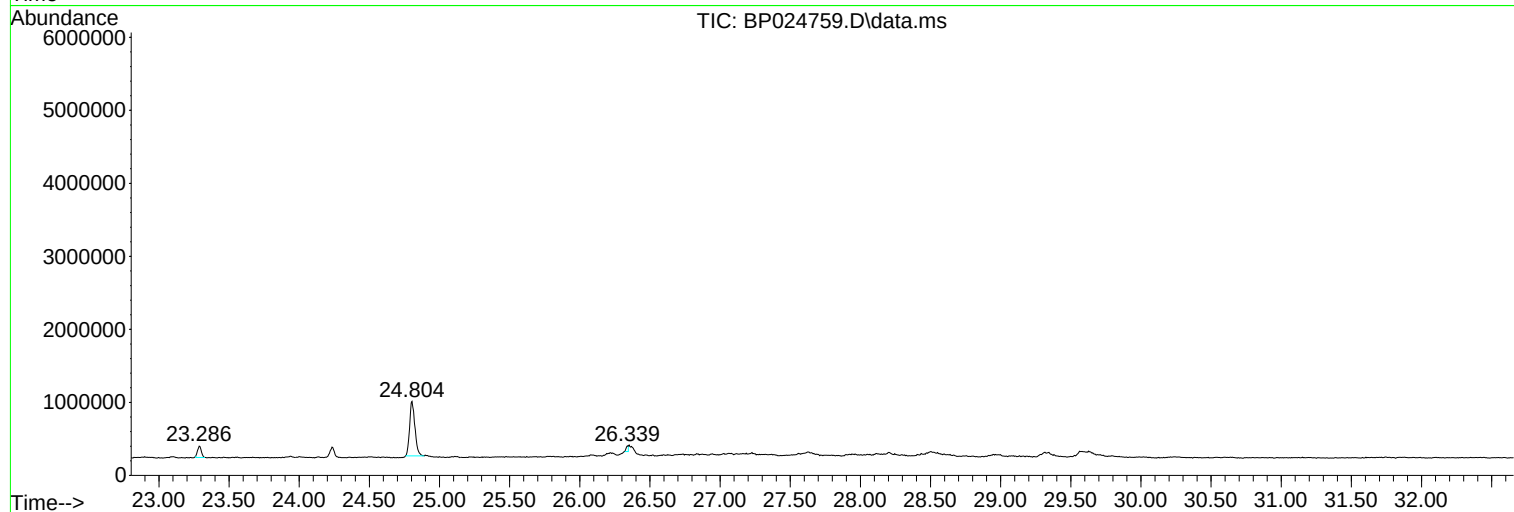
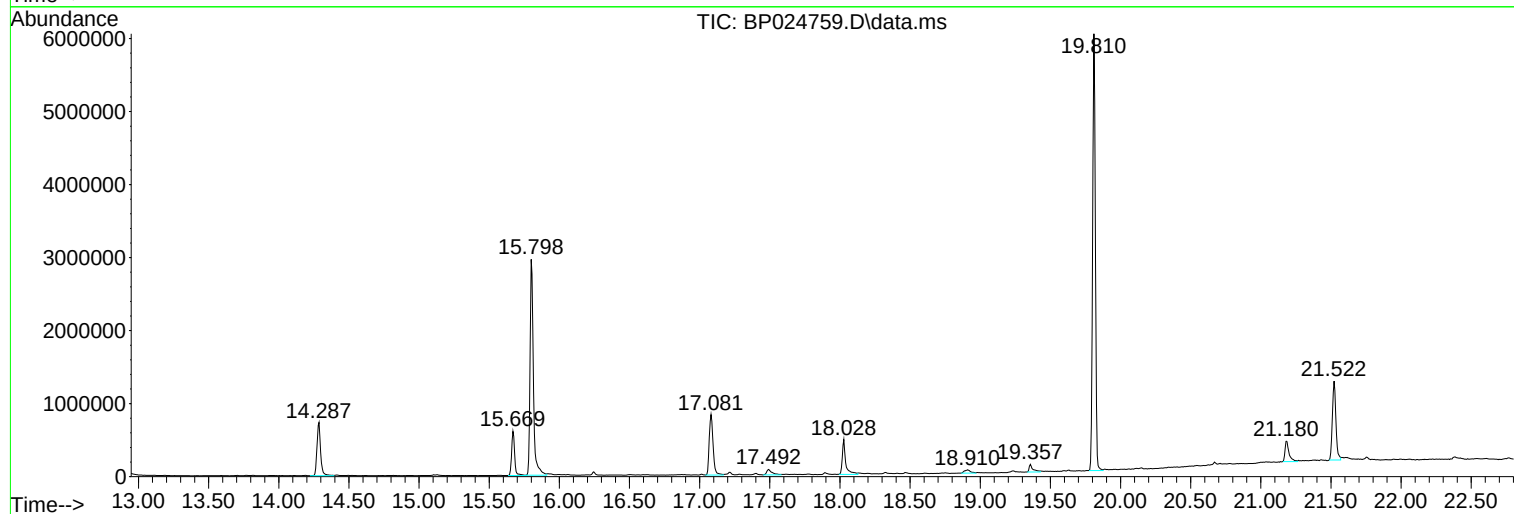
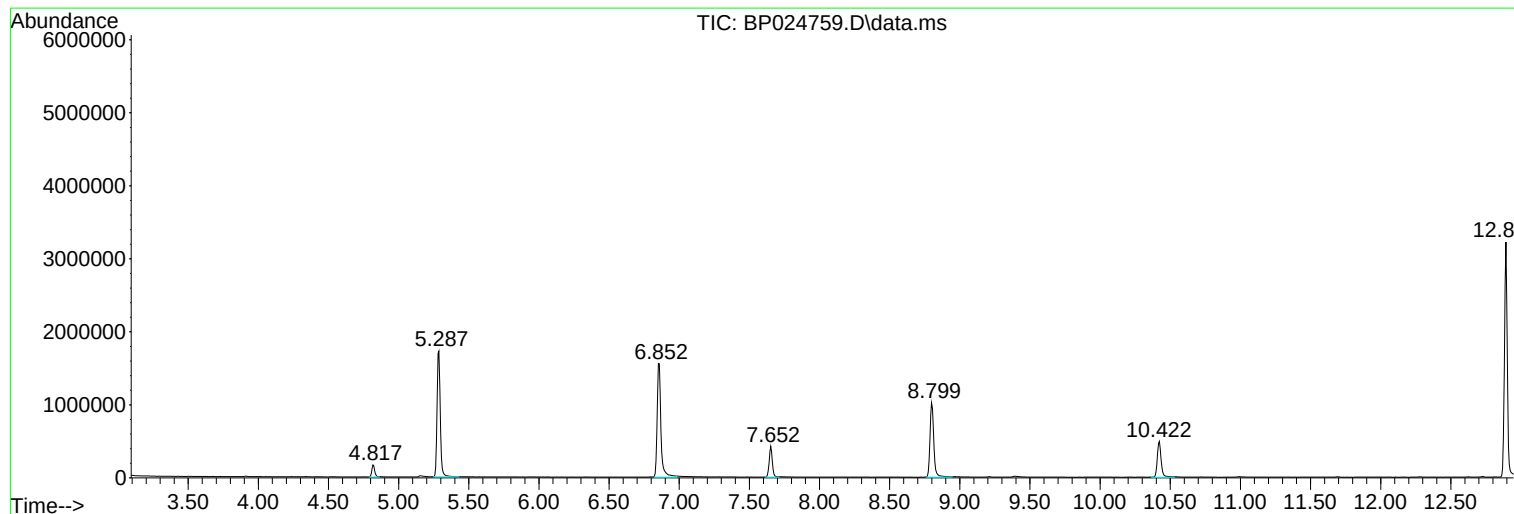
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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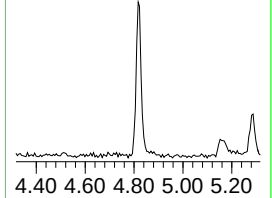
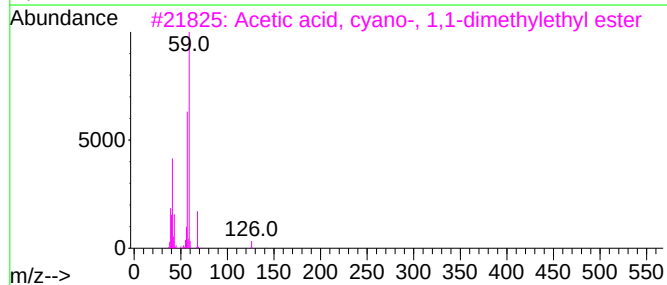
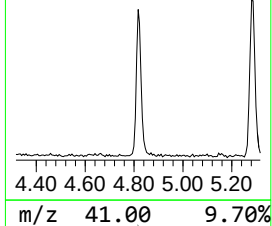
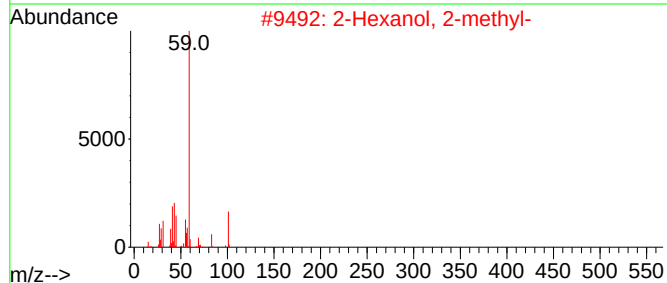
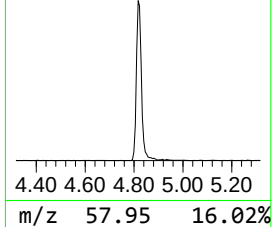
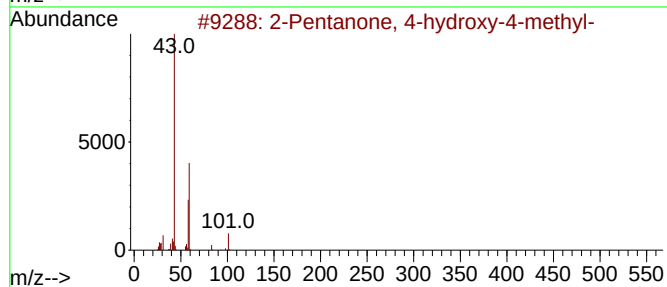
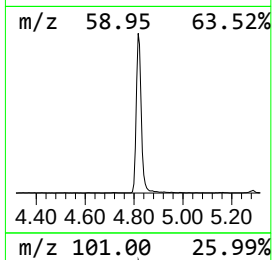
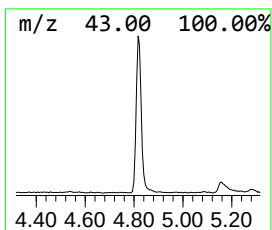
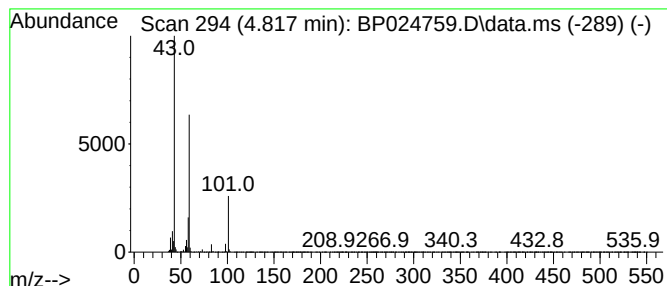
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.817	7.30 ng	236826	1,4-Dichlorobenzene-d4	7.652

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
4	Tetraglyme	222	C10H22O5	000143-24-8	25		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		



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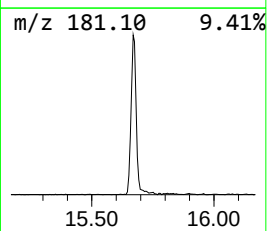
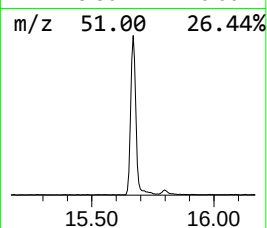
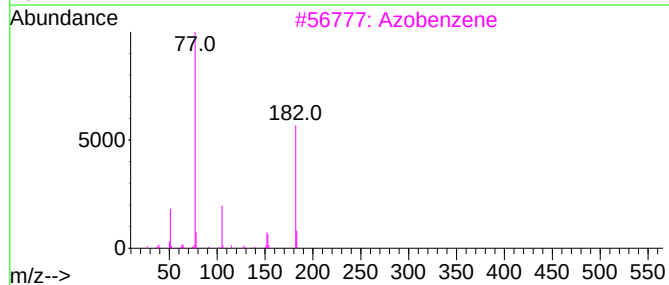
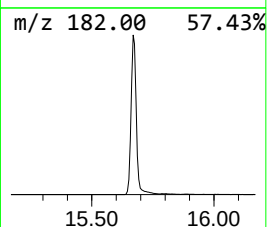
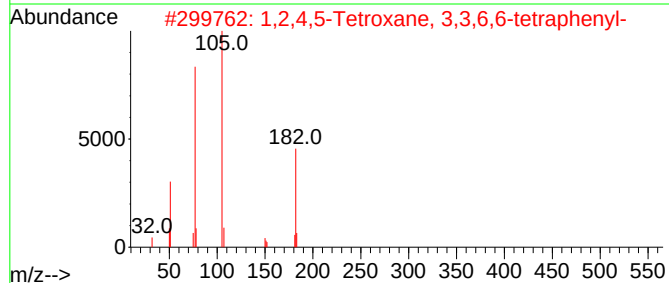
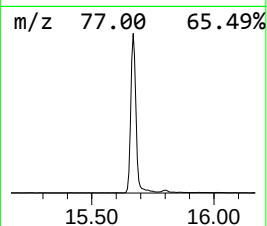
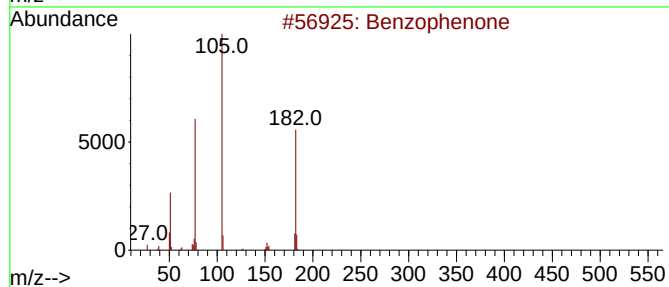
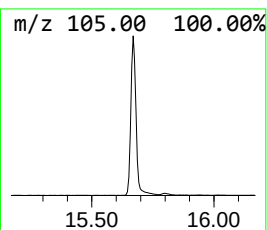
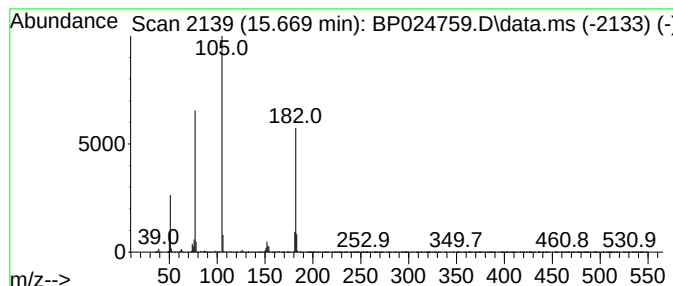
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Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	14.18 ng	923439	Acenaphthene-d10	14.287

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	64
3			Azobenzene	182	C12H10N2	000103-33-3	58
4			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
5			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	42



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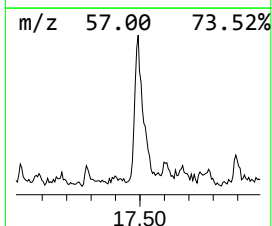
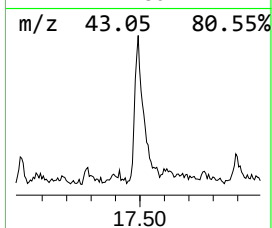
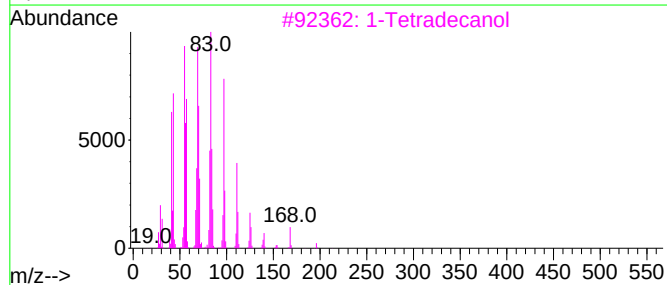
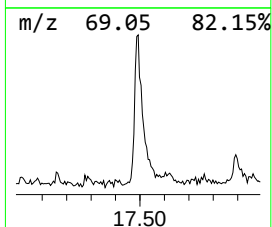
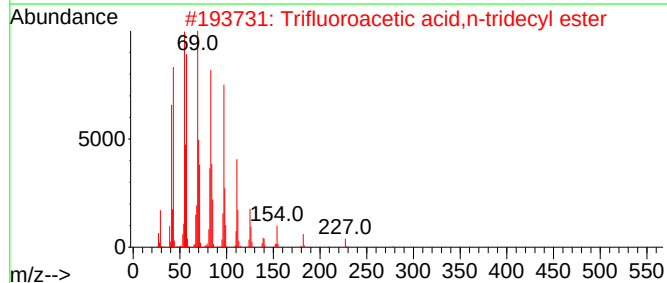
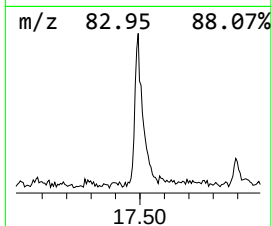
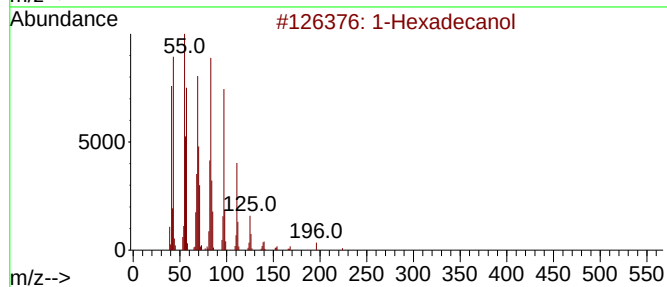
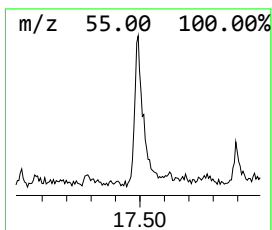
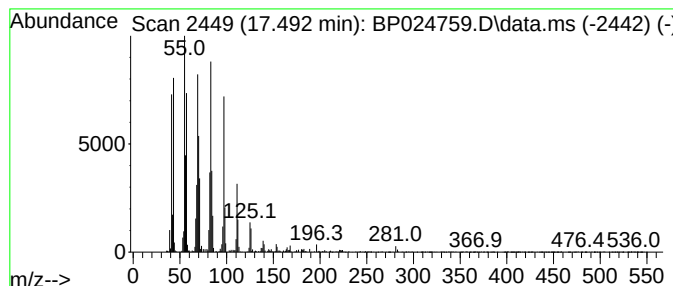
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Peak Number 3 1-Hexadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.492	2.49 ng	196912	Phenanthrene-d10	17.081

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanol	242	C16H34O	036653-82-4	94
2			Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	94
3			1-Tetradecanol	214	C14H30O	000112-72-1	94
4			n-Pentadecanol	228	C15H32O	000629-76-5	94
5			Cyclotetradecane	196	C14H28	000295-17-0	94



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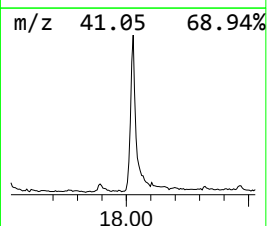
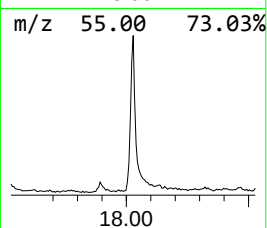
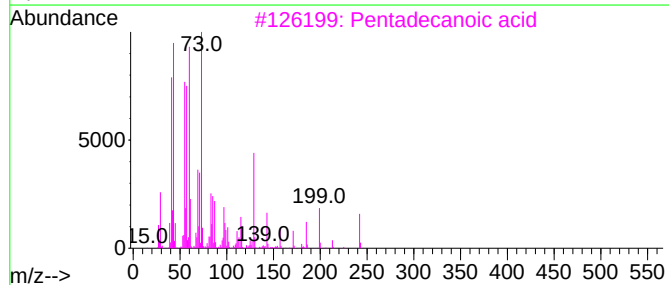
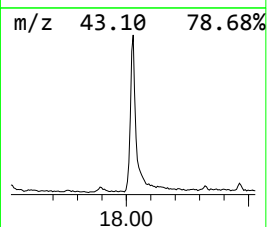
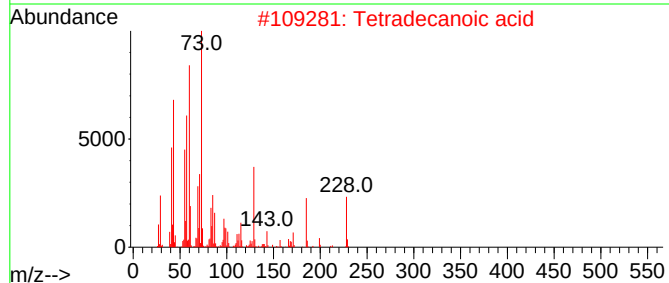
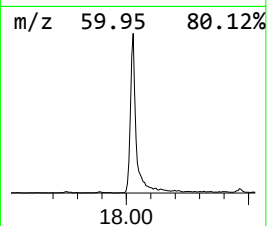
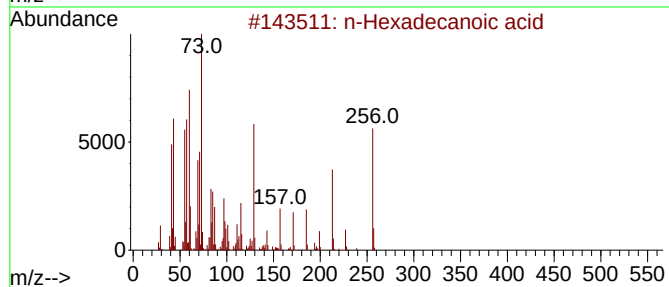
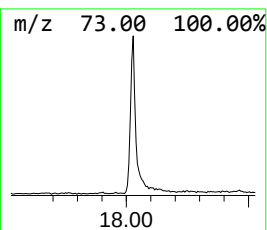
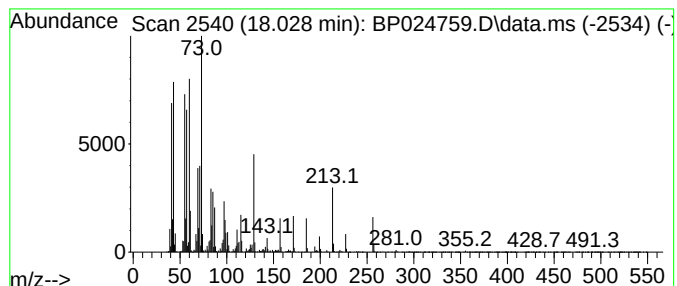
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.028	10.26 ng	810111	Phenanthrene-d10		17.081	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
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	89
5	Undecanoic acid		186	C11H22O2	000112-37-8	80



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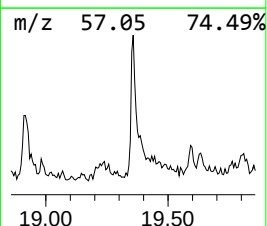
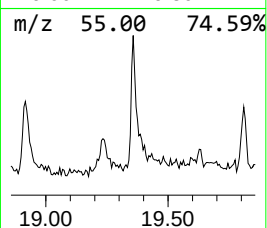
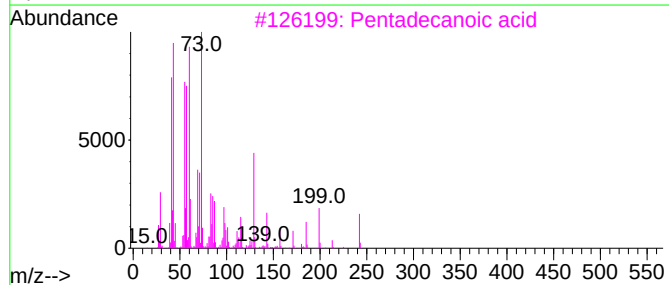
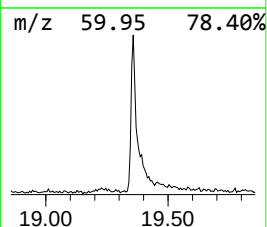
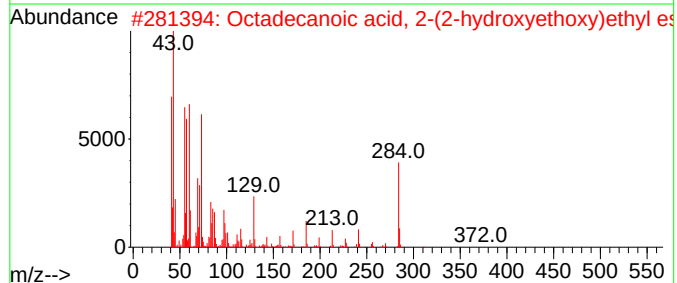
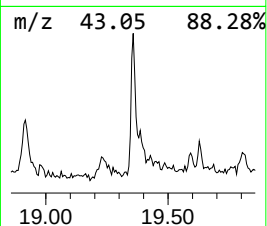
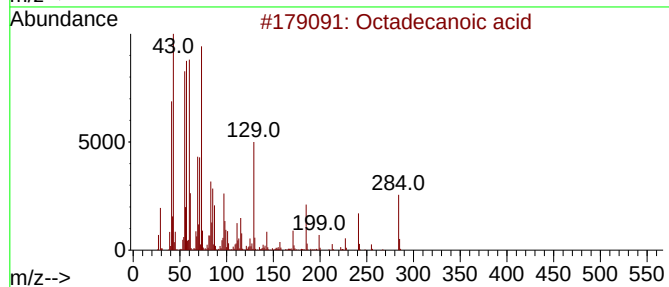
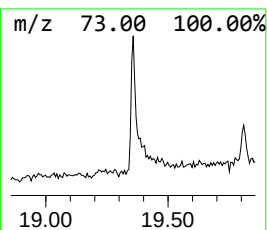
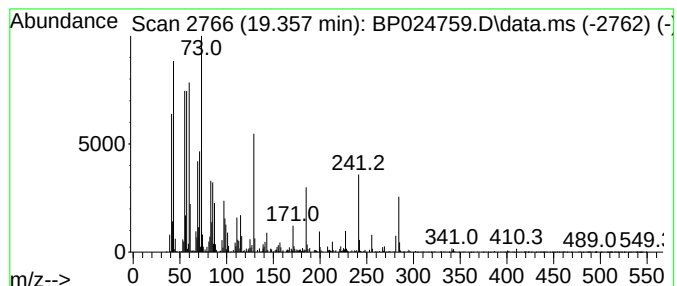
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	2.11 ng	198315	Chrysene-d12	21.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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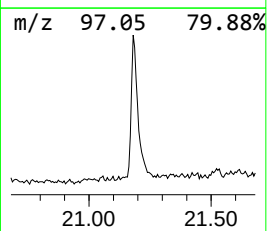
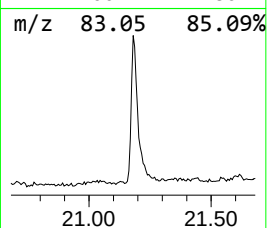
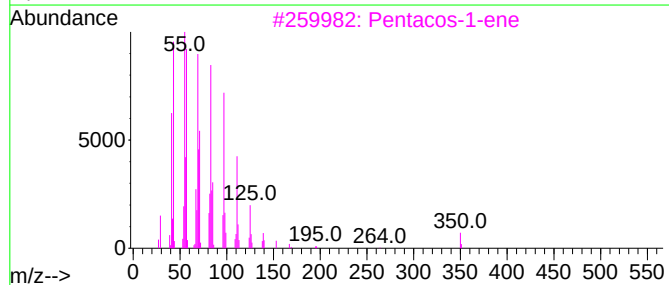
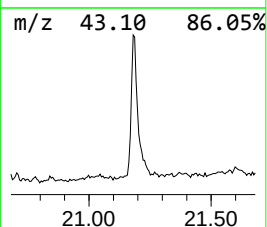
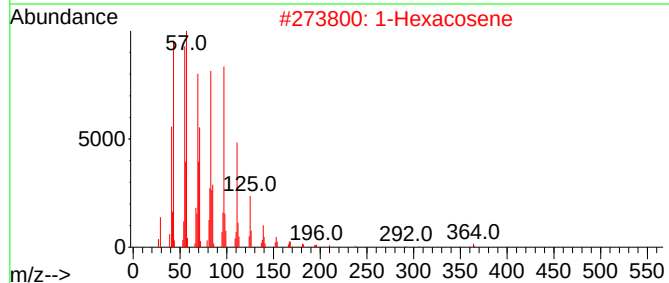
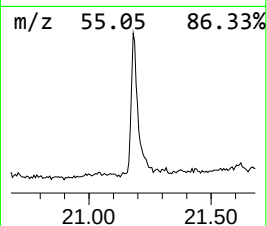
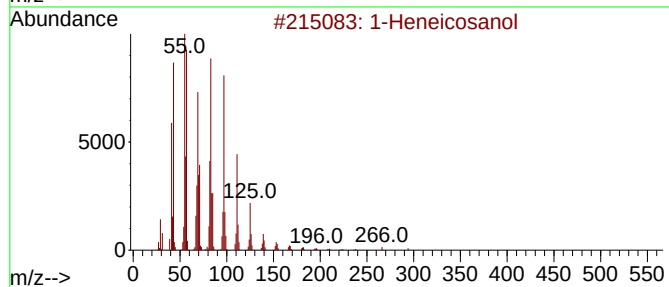
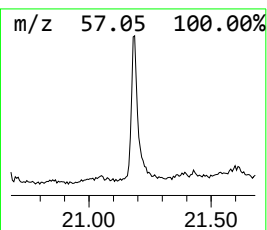
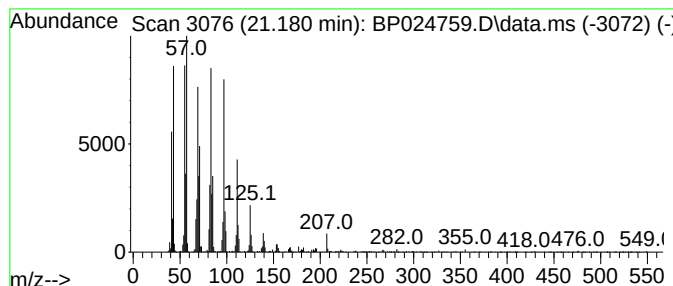
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	5.87 ng	552248	Chrysene-d12	21.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			1-Hexacosene	364	C26H52	018835-33-1	94
3			Pentacos-1-ene	350	C25H50	016980-85-1	94
4			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024759.D
Acq On : 22 May 2025 15:00
Operator : RC/JU
Sample : Q2093-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

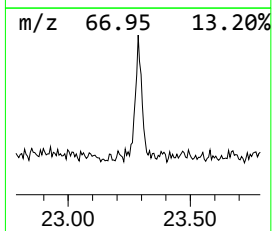
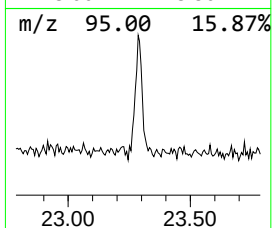
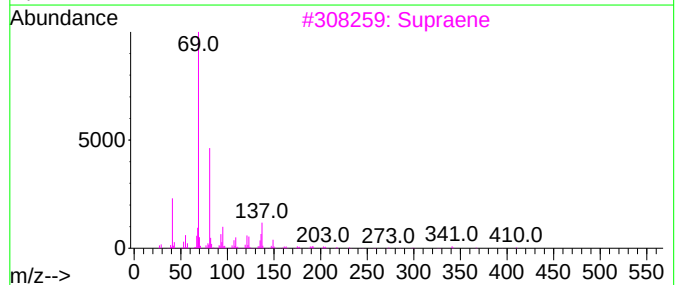
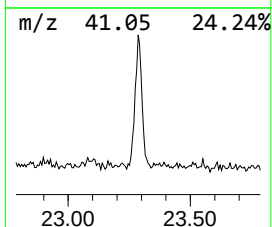
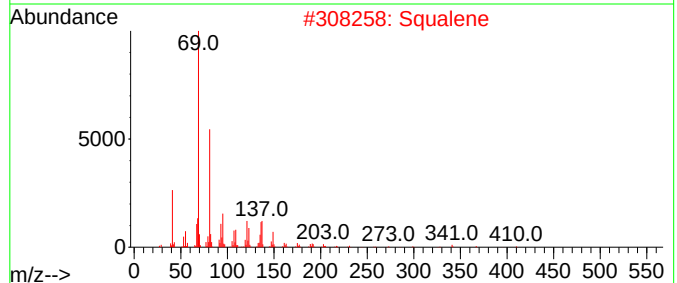
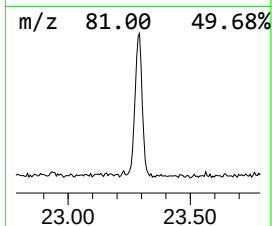
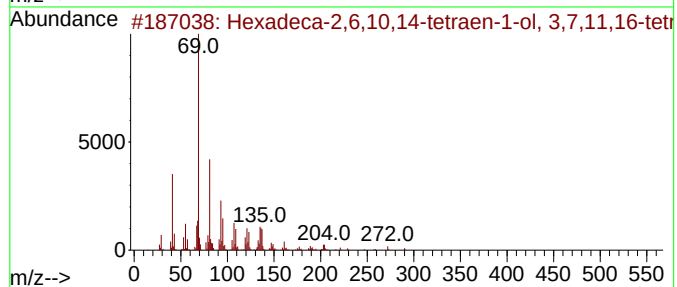
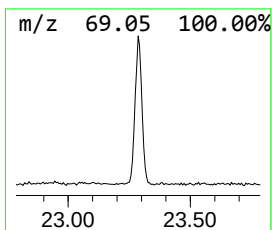
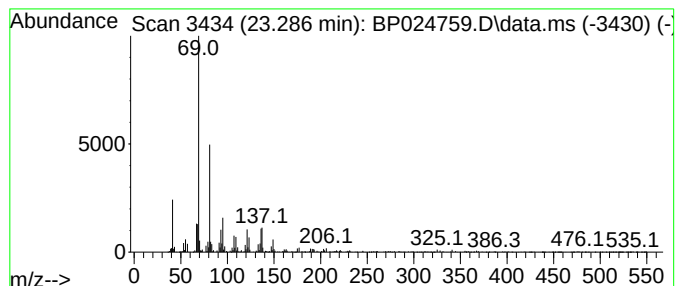
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadeca-2,6,10,14-tetraen-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.286	2.98 ng	290457	Perylene-d12	24.804	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	90
2	Squalene	410	C30H50	000111-02-4	90
3	Supraene	410	C30H50	007683-64-9	87
4	(2E,6E,10E)-3,7,11,15-Tetramethy...	318	C21H34O2	125456-63-5	83
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024759.D
Acq On : 22 May 2025 15:00
Operator : RC/JU
Sample : Q2093-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.817	7.3	ng	236826	1	7.652	648529	20.0
Benzophenone	15.669	14.2	ng	923439	3	14.287	1302610	20.0
1-Hexadecanol	17.492	2.5	ng	196912	4	17.081	1579810	20.0
n-Hexadecanoic ...	18.028	10.3	ng	810111	4	17.081	1579810	20.0
Octadecanoic acid	19.357	2.1	ng	198315	5	21.522	1881730	20.0
1-Heneicosanol	21.180	5.9	ng	552248	5	21.522	1881730	20.0
Hexadeca-2,6,10...	23.286	3.0	ng	290457	6	24.804	1949030	20.0