

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009400.D
 Acq On : 15 Mar 2022 16:15
 Operator : CG/JU
 Sample : N1913-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-SOILP

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-BP030522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009400.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.058	8	12	36	rVB	327812	722287	2.54%	0.581%
2	5.422	404	414	431	rBV	3444740	5658012	19.87%	4.548%
3	7.010	675	684	700	rBV	3175527	5757299	20.22%	4.628%
4	7.810	814	820	829	rVB	863934	1447119	5.08%	1.163%
5	8.963	1008	1016	1026	rBV	2037477	3690364	12.96%	2.966%
6	10.604	1288	1295	1302	rBV	1139506	2016747	7.08%	1.621%
7	13.075	1708	1715	1729	rBV	5791650	9028437	31.71%	7.257%
8	14.451	1943	1949	1956	rBV	1750943	2758999	9.69%	2.218%
9	15.586	2123	2142	2165	rBV	5658071	28474940	100.00%	22.888%
10	15.951	2198	2204	2212	rVB	4855232	7557714	26.54%	6.075%
11	16.616	2311	2317	2327	rVB3	498353	1201436	4.22%	0.966%
12	17.210	2413	2418	2424	rBV	2285949	3531383	12.40%	2.839%
13	18.122	2568	2573	2580	rBV	1206957	1911527	6.71%	1.536%
14	18.380	2613	2617	2621	rBV	1049920	1656491	5.82%	1.331%
15	18.433	2621	2626	2641	rVB	2186971	4492187	15.78%	3.611%
16	19.227	2756	2761	2769	rVB3	300496	709168	2.49%	0.570%
17	19.321	2771	2777	2780	rVV	401276	923879	3.24%	0.743%
18	19.363	2780	2784	2786	rVV	677922	1092479	3.84%	0.878%
19	19.392	2786	2789	2803	rVB	984386	1770876	6.22%	1.423%
20	19.786	2851	2856	2862	rBV	11065532	15107127	53.05%	12.143%
21	20.080	2902	2906	2915	rVB3	308485	540335	1.90%	0.434%
22	20.733	3014	3017	3025	rVB	285139	497791	1.75%	0.400%
23	21.051	3067	3071	3077	rBV3	530790	898067	3.15%	0.722%
24	21.321	3112	3117	3130	rVB	3640655	5278136	18.54%	4.243%
25	21.445	3133	3138	3143	rBV	3337285	4995489	17.54%	4.015%
26	23.733	3520	3527	3538	rVB	2684741	6223532	21.86%	5.002%
27	26.274	3952	3959	3977	rVB4	1533578	6467339	22.71%	5.198%

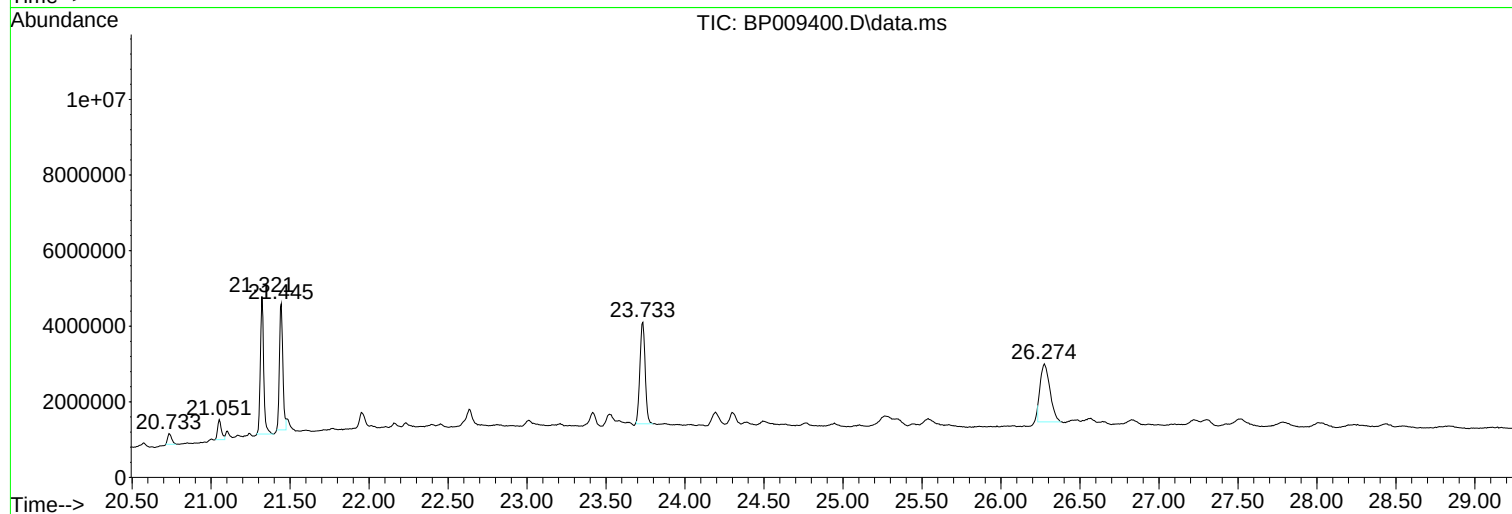
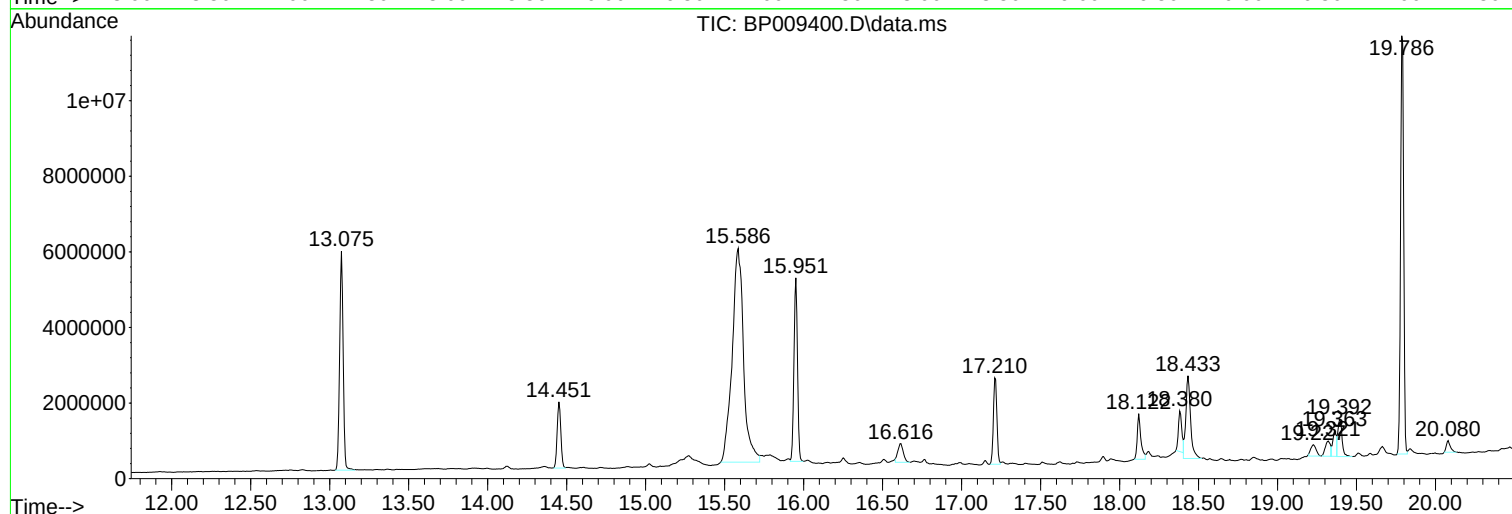
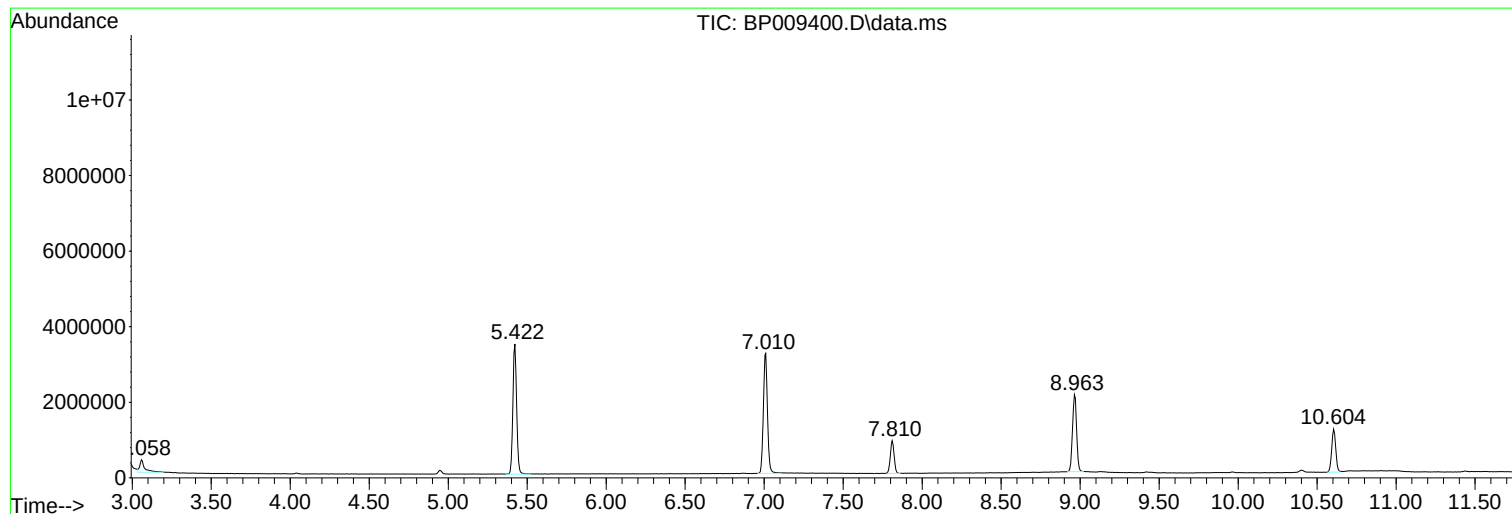
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BS-SOILP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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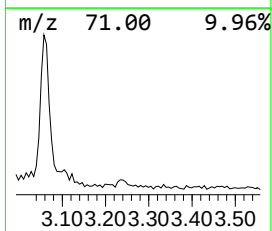
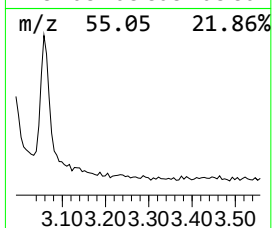
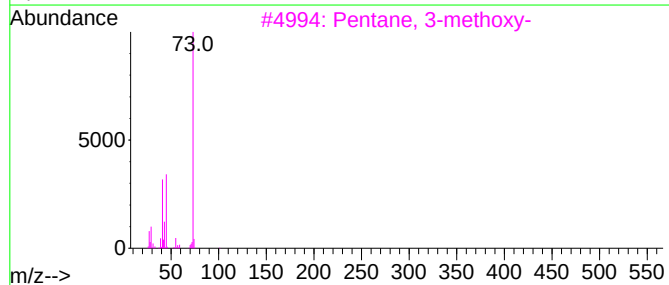
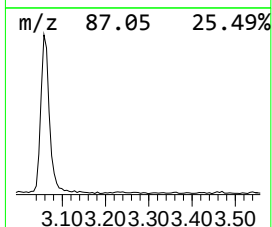
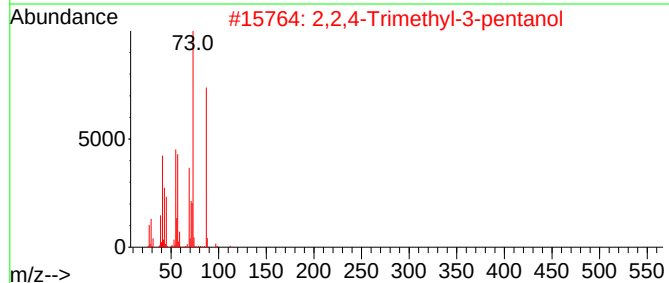
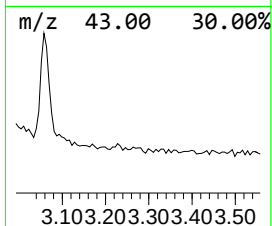
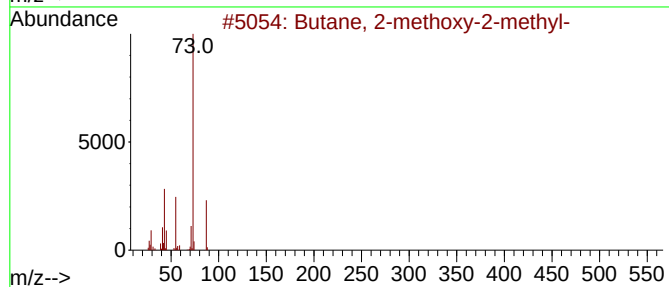
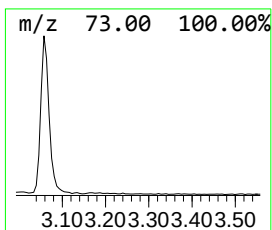
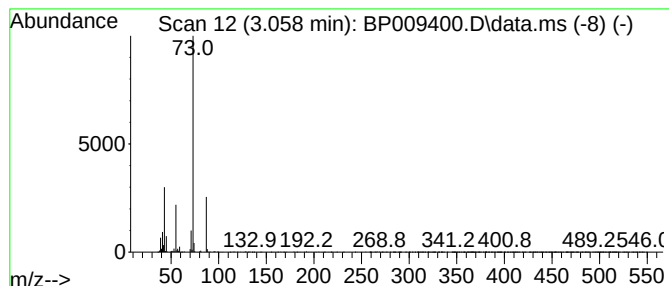
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.058	9.98 ng	722287	1,4-Dichlorobenzene-d4	7.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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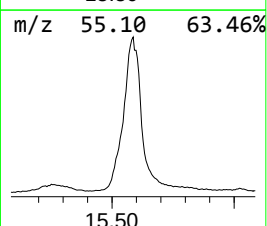
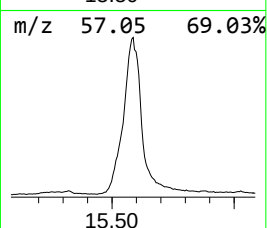
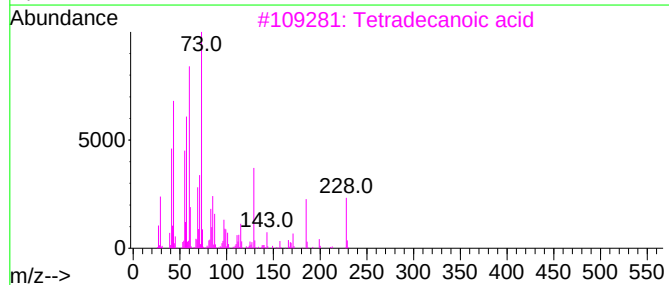
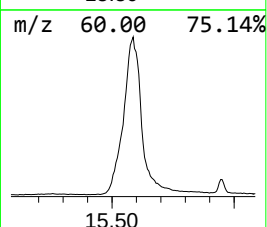
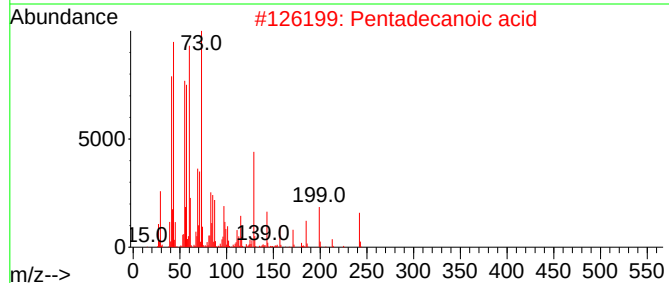
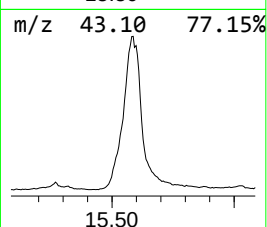
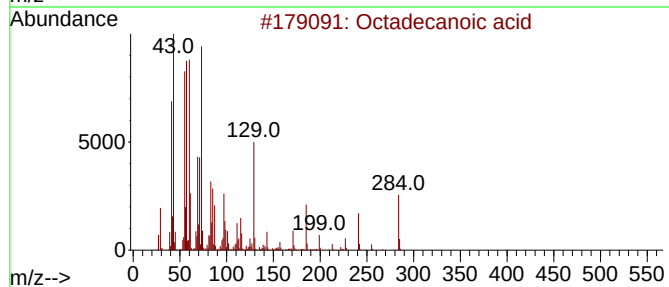
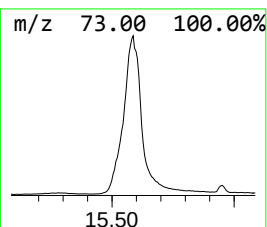
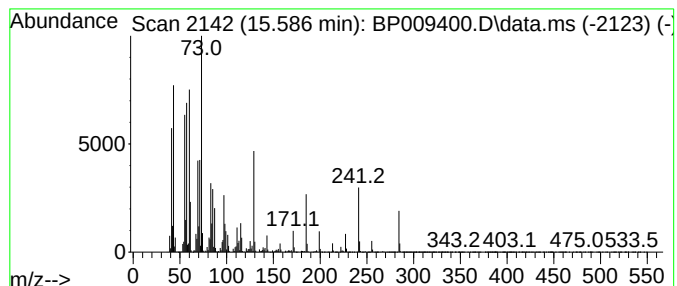
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.586	206.41 ng	28474900	Acenaphthene-d10	14.451

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	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



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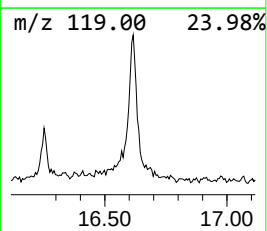
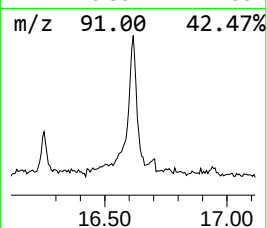
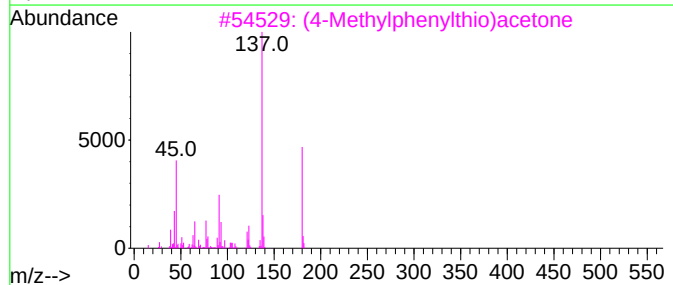
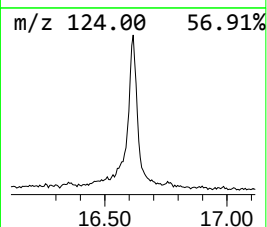
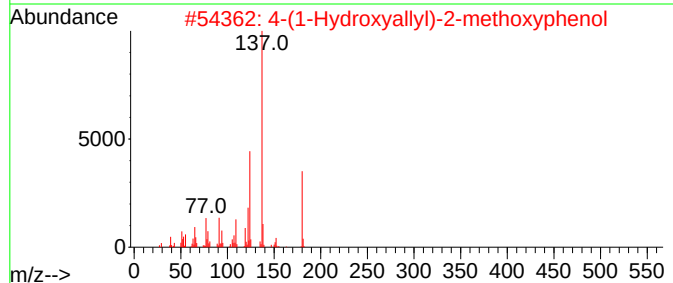
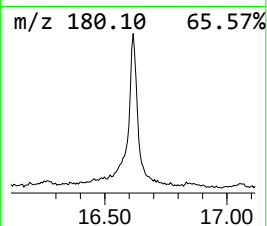
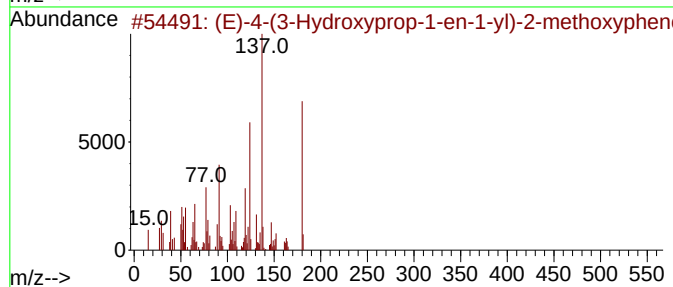
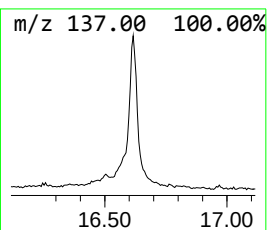
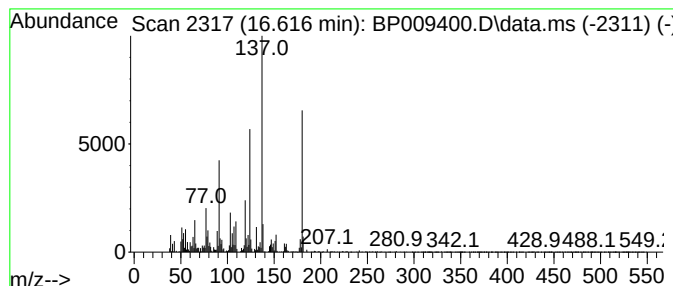
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 (E)-4-(3-Hydroxyprop-1-en-1-yl)-2-methoxyphenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.616	6.80 ng	1201440	Phenanthrene-d10	17.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-4-(3-Hydroxyprop-1-en-1-yl)-2-methoxyphenol	180	C10H12O3	032811-40-8	95		
2	4-(1-Hydroxyallyl)-2-methoxyphenol	180	C10H12O3	112465-50-6	74		
3	(4-Methylphenylthio)acetone	180	C10H12OS	001200-13-1	46		
4	2-Propanone, 1-(4-hydroxy-3-methoxyphenyl)-	180	C10H12O3	002503-46-0	46		
5	6-Methylnicotinic acid	137	C7H7NO2	003222-47-7	38		



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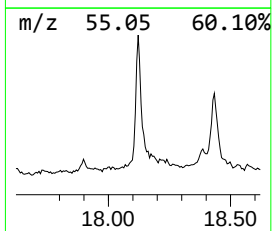
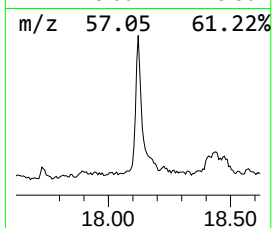
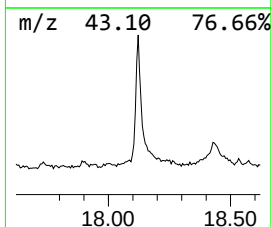
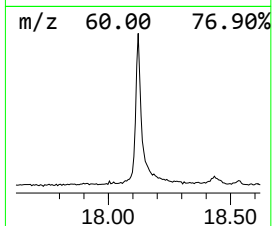
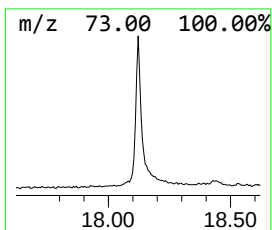
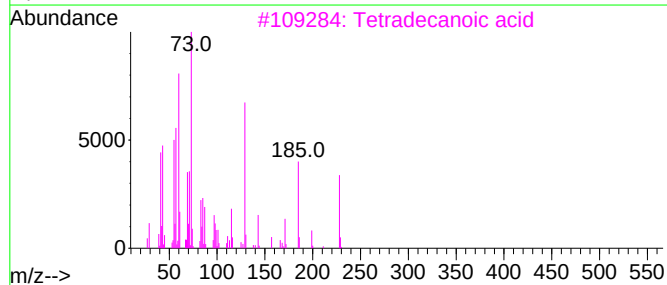
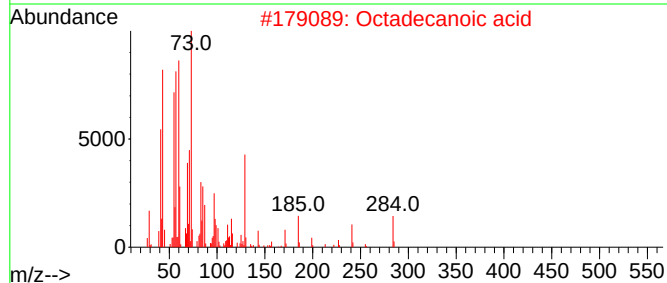
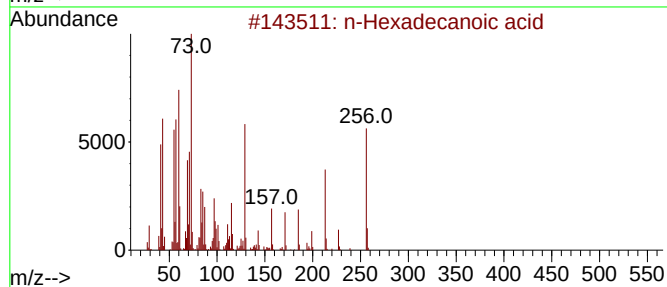
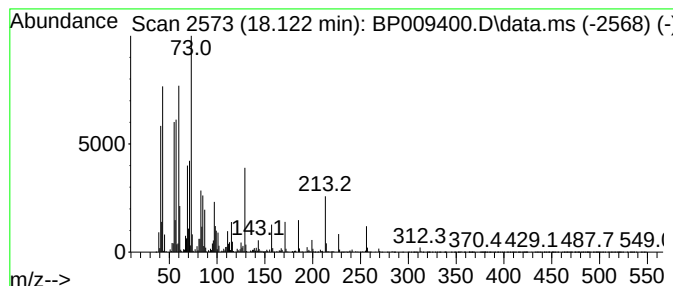
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.122	10.83 ng	1911530	Phenanthrene-d10		17.210	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Octadecanoic acid		284	C18H36O2	000057-11-4	93
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	91
4	Tridecanoic acid		214	C13H26O2	000638-53-9	81
5	n-Decanoic acid		172	C10H20O2	000334-48-5	76



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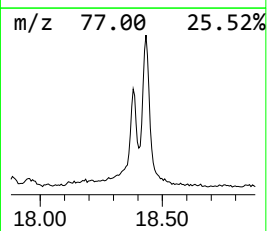
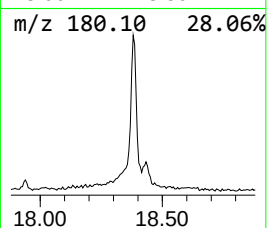
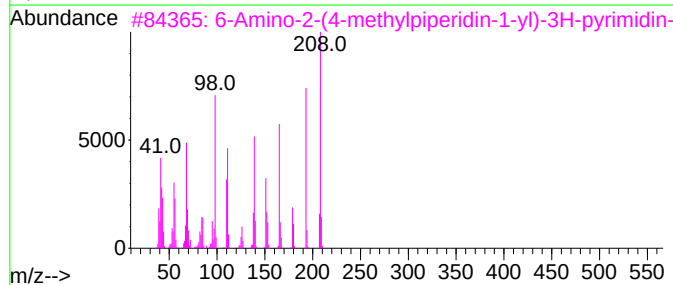
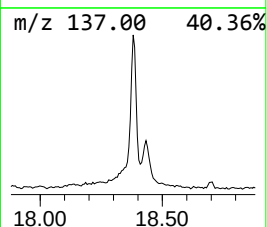
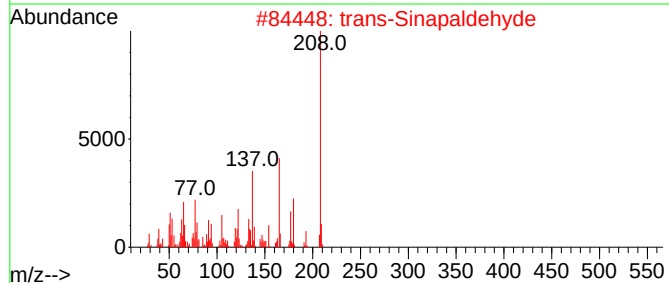
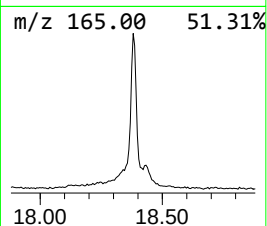
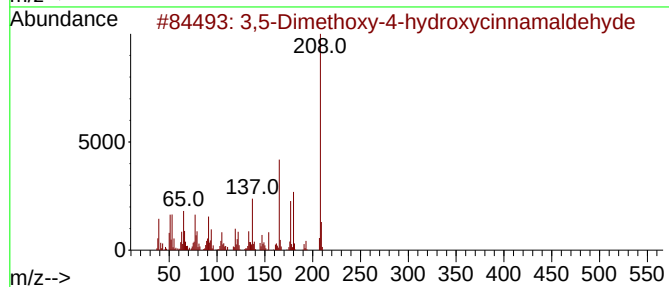
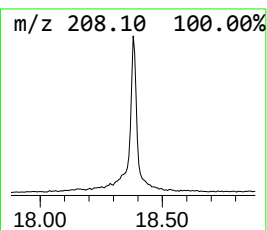
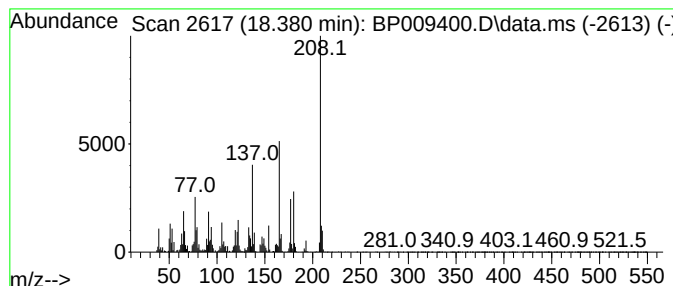
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3,5-Dimethoxy-4-hydroxycinn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.380	9.38 ng	1656490	Phenanthrene-d10	17.210	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethoxy-4-hydroxycinnamal...	208	C11H12O4	087345-53-7	97
2	trans-Sinapaldehyde	208	C11H12O4	004206-58-0	93
3	6-Amino-2-(4-methylpiperidin-1-y...	208	C10H16N4O	1000388-65-9	42
4	5-(4-Methoxy-phenyl)-[1,3,4]oxad...	208	C9H8N2O2S	023766-26-9	42
5	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	42



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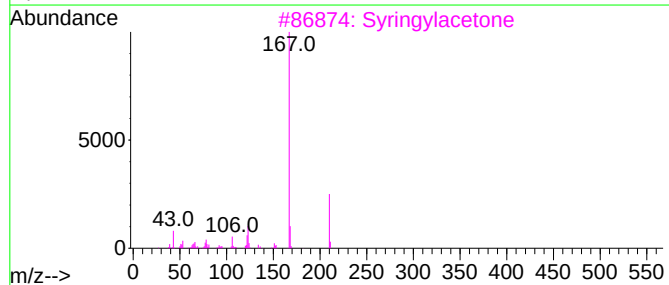
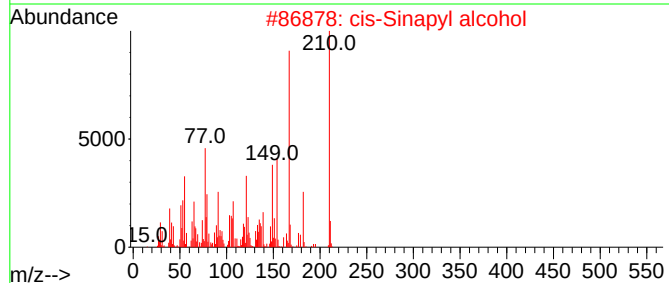
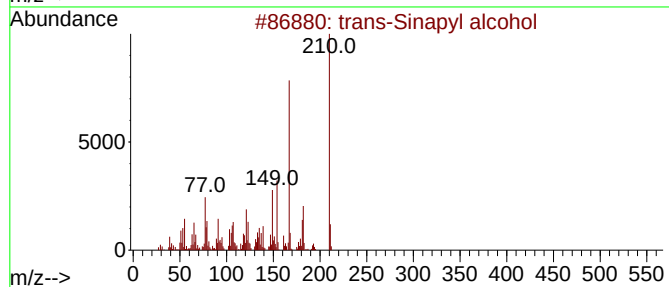
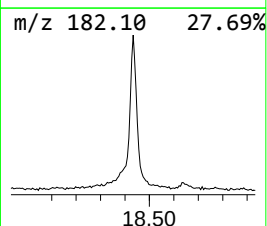
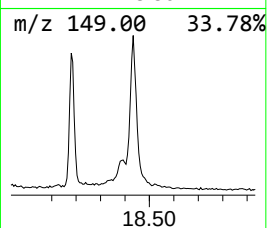
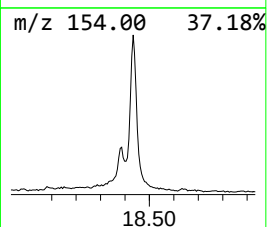
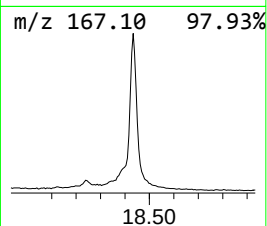
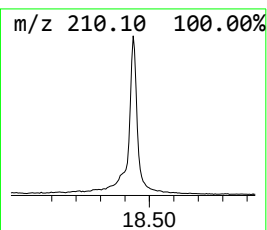
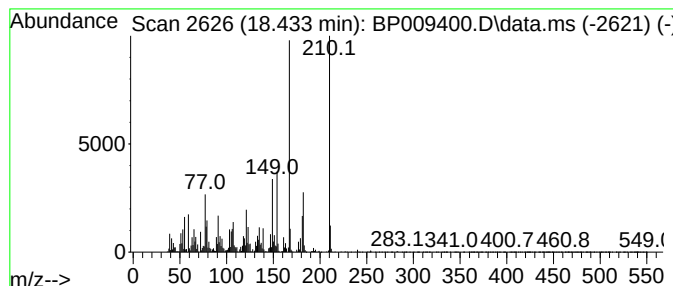
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 trans-Sinapyl alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	25.44 ng	4492190	Phenanthrene-d10	17.210

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		trans-Sinapyl alcohol	210	C11H14O4	020675-96-1	94
2		cis-Sinapyl alcohol	210	C11H14O4	104330-63-4	78
3		Syringylacetone	210	C11H14O4	019037-58-2	58
4		4-Ethyl-2,6-dimethoxyphenol	182	C10H14O3	014059-92-8	46
5		Phenol, 2-(2-imidazo[1,2-a]pyrid...	210	C13H10N2O	057636-32-5	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009400.D
Acq On : 15 Mar 2022 16:15
Operator : CG/JU
Sample : N1913-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BS-SOILP

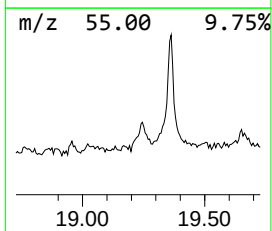
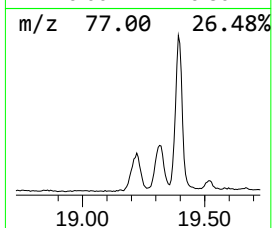
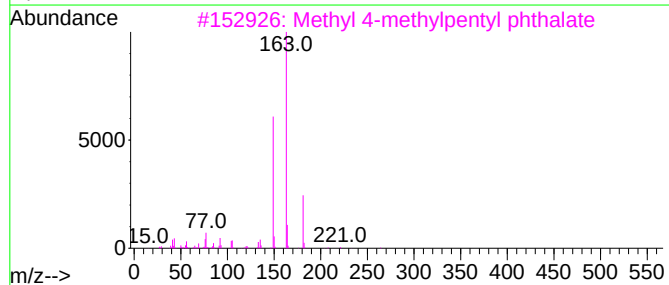
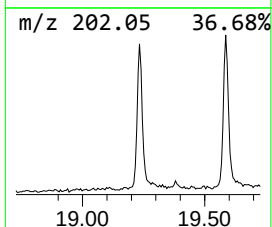
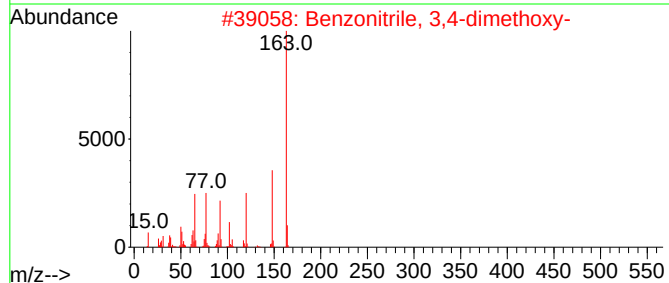
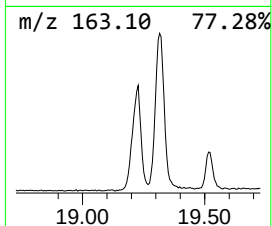
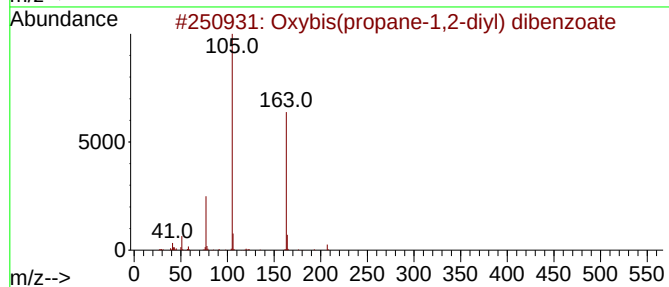
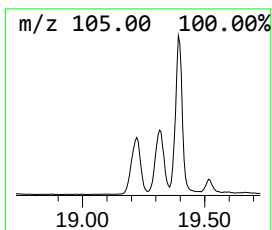
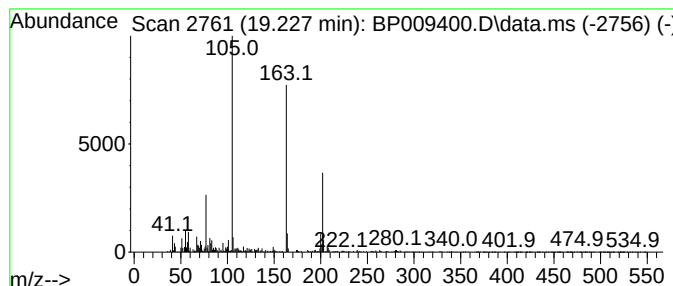
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Oxybis(propene-1,2-diyl) di... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	4.02 ng	709168	Phenanthrene-d10	17.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxybis(propene-1,2-diyl) dibenzoate	342	C20H22O5	000094-03-1	58
2			Benzonitrile, 3,4-dimethoxy-	163	C9H9NO2	002024-83-1	47
3			Methyl 4-methylpentyl phthalate	264	C15H20O4	1000373-82-6	43
4			Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	42
5			3,5-Dimethylphenyl isothiocyanate	163	C9H9NS	040046-30-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009400.D
Acq On : 15 Mar 2022 16:15
Operator : CG/JU
Sample : N1913-01
Misc :
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Instrument :
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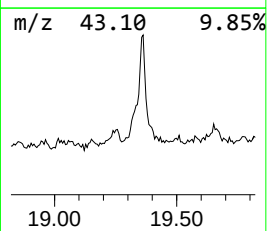
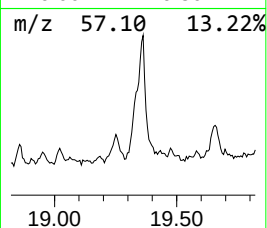
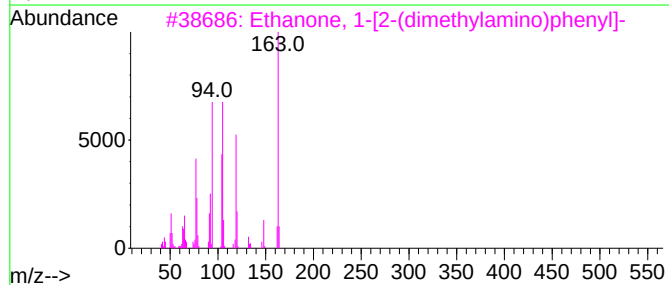
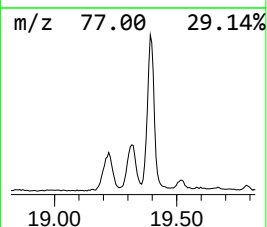
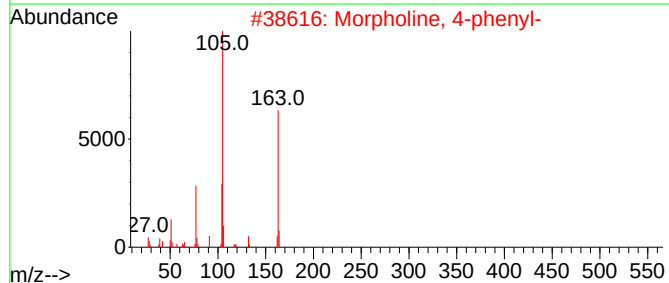
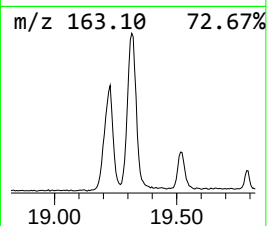
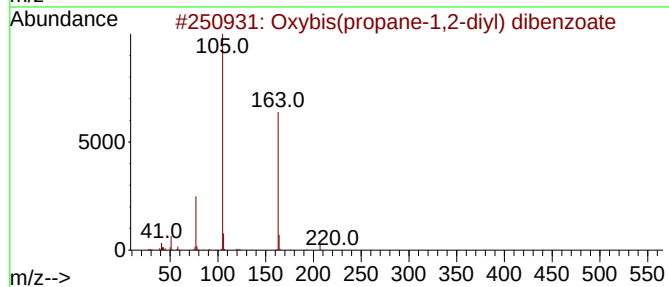
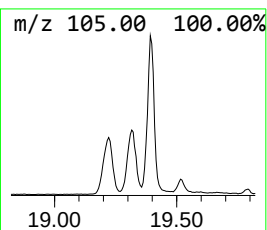
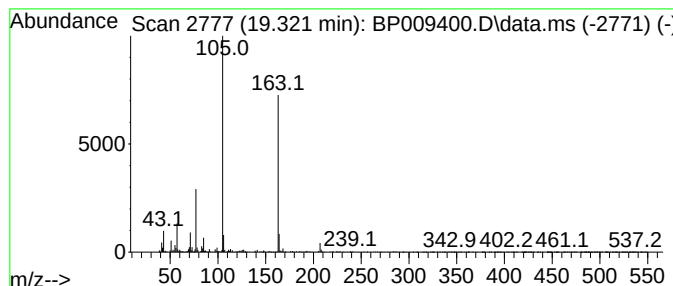
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Morpholine, 4-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.322	3.50 ng	923879	Chrysene-d12	21.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxybis(propene-1,2-diyl) dibenzoate	342	C20H22O5	000094-03-1	59
2			Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	53
3			Ethanone, 1-[2-(dimethylamino)ph...]	163	C10H13NO	010336-55-7	40
4			Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	38
5			1,3-Dioxolane, 2,4-dimethyl-2-ph...	178	C11H14O2	004359-30-2	36



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009400.D
Acq On : 15 Mar 2022 16:15
Operator : CG/JU
Sample : N1913-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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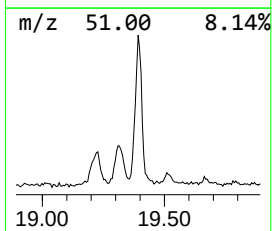
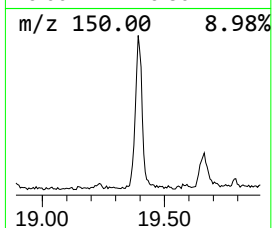
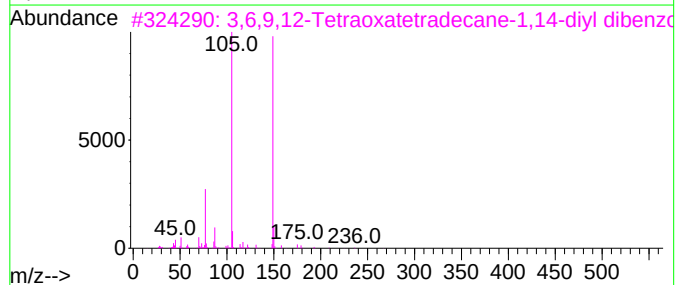
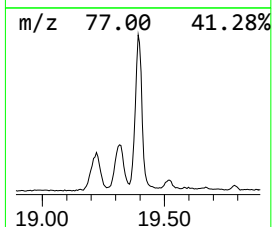
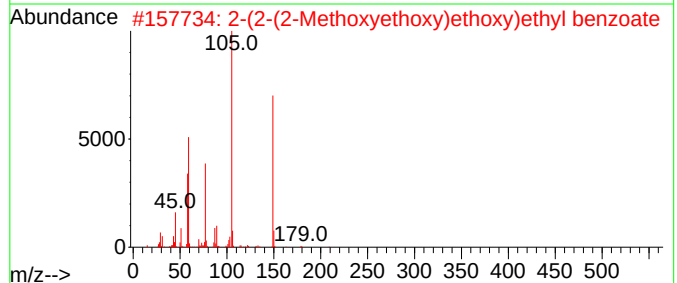
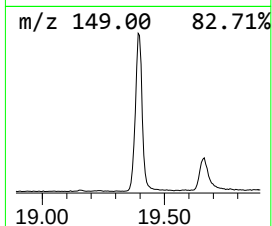
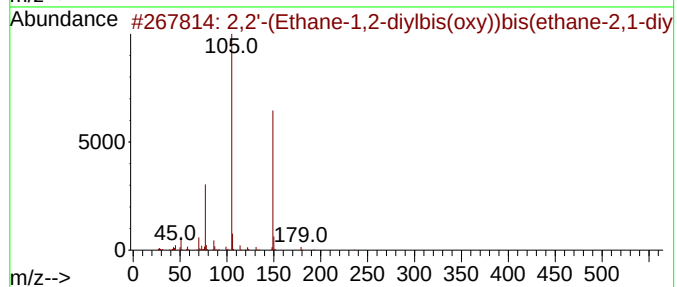
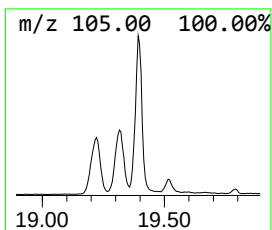
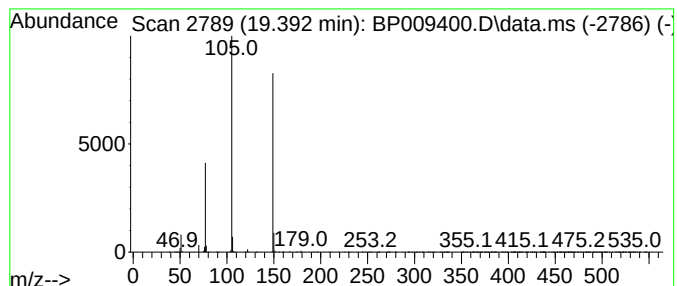
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	6.71 ng	1770880	Chrysene-d12	21.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	83		
2	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74		
3	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	74		
4	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	72		
5	Phenyl(2-phenyl-1,3-dioxolan-2-y...	298	C18H18O4	006963-16-2	64		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
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Acq On : 15 Mar 2022 16:15
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Sample : N1913-01
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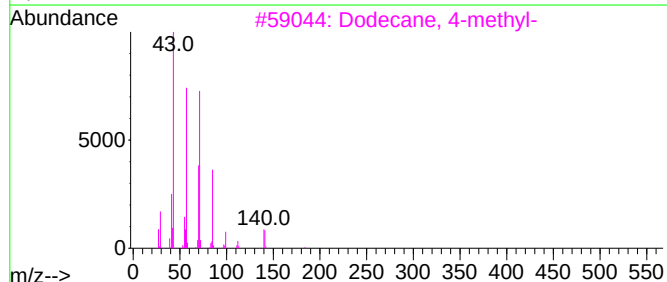
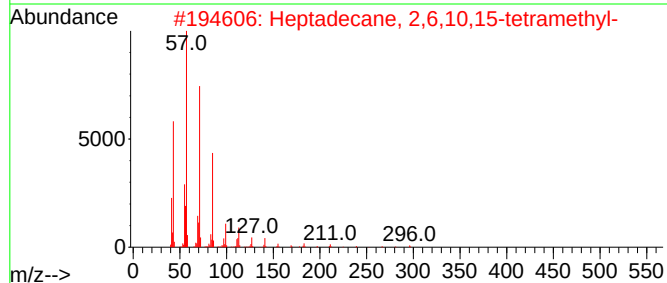
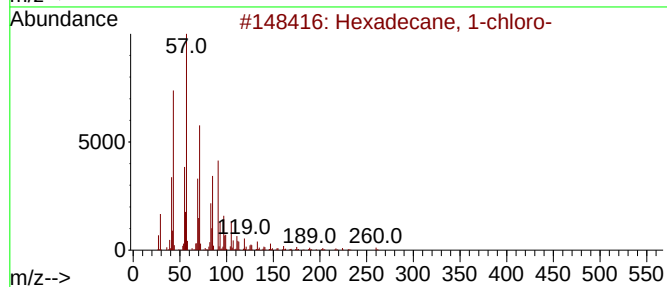
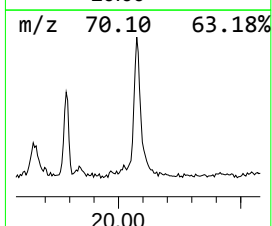
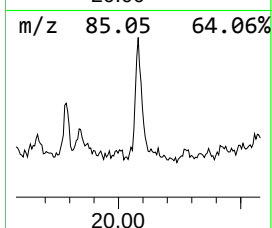
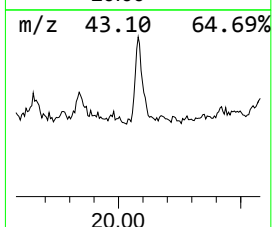
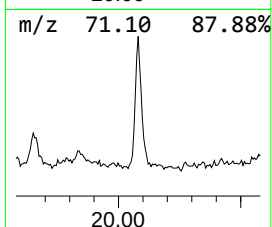
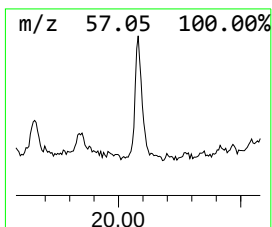
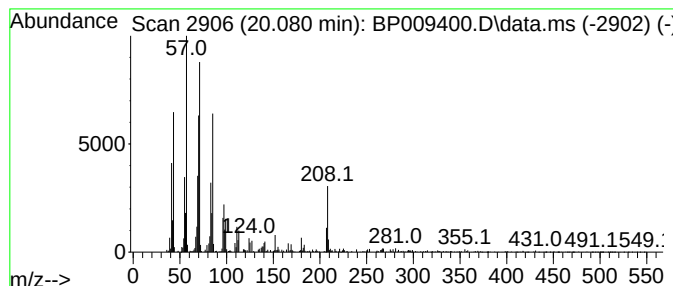
Instrument :
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ClientSampleId :
BS-SOILP

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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 Hexadecane, 1-chloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.080	2.05 ng	540335	Chrysene-d12		21.321	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-		260	C16H33Cl	004860-03-1	64
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	60
3	Dodecane, 4-methyl-		184	C13H28	006117-97-1	58
4	Hexacosane		366	C26H54	000630-01-3	52
5	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009400.D
Acq On : 15 Mar 2022 16:15
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Sample : N1913-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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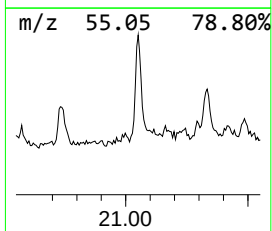
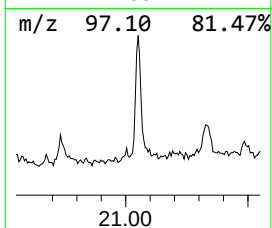
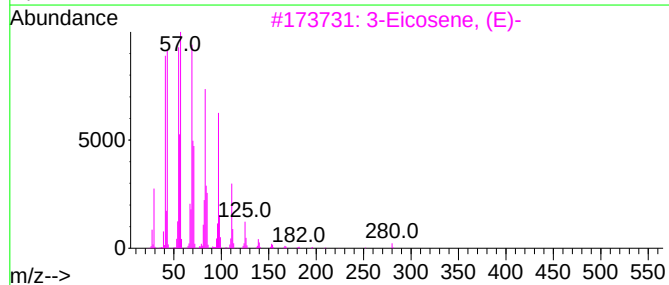
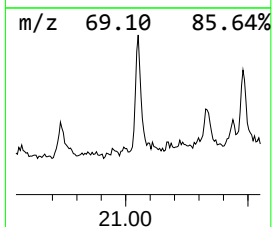
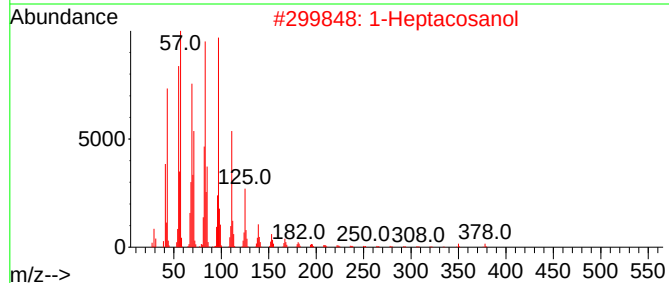
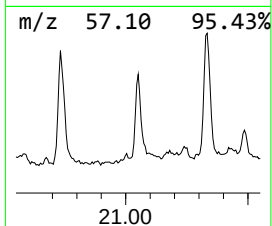
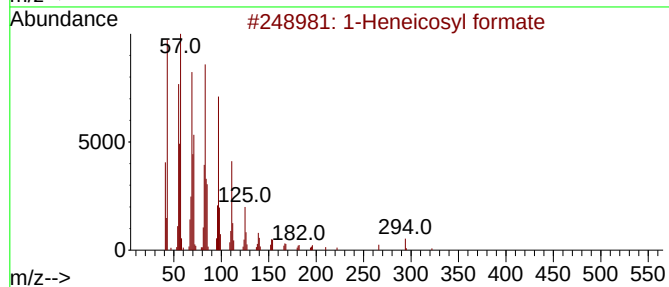
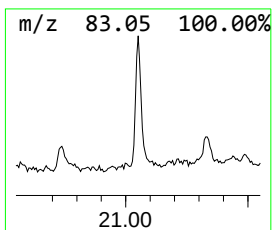
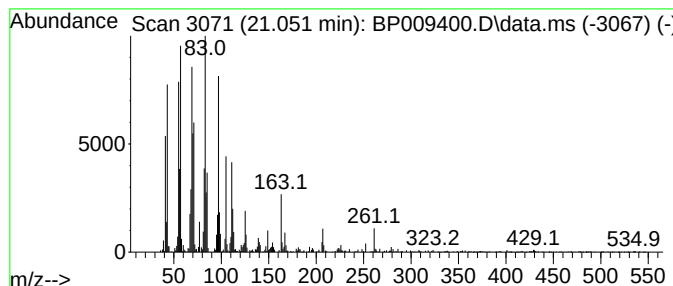
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Heneicosyl formate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	3.40 ng	898067	Chrysene-d12	21.321

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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BS-SOILP

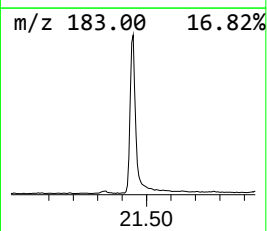
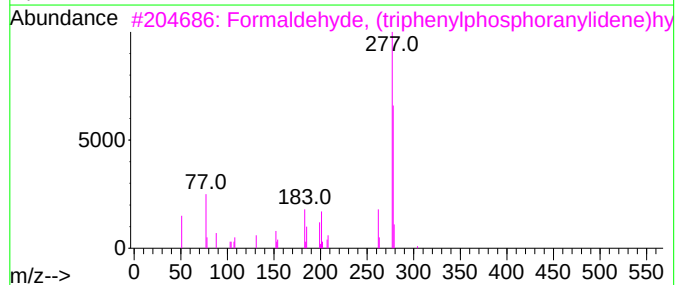
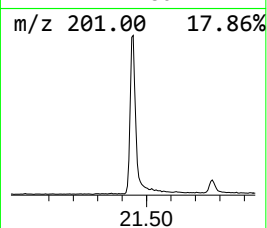
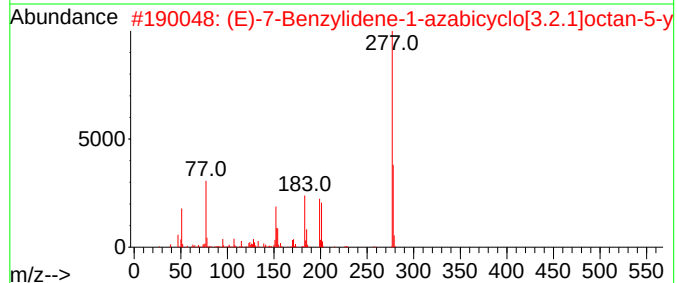
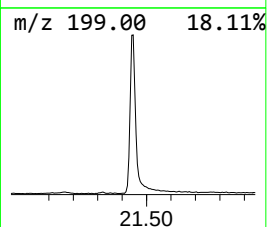
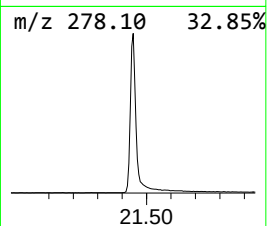
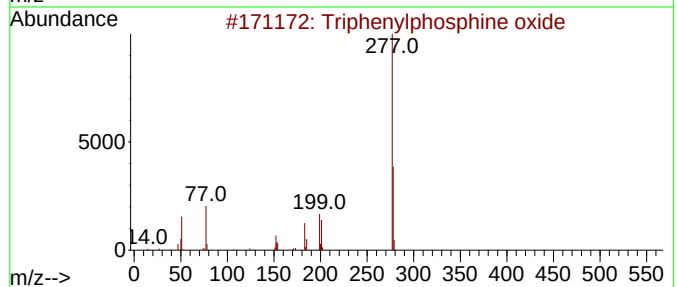
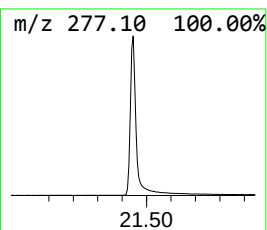
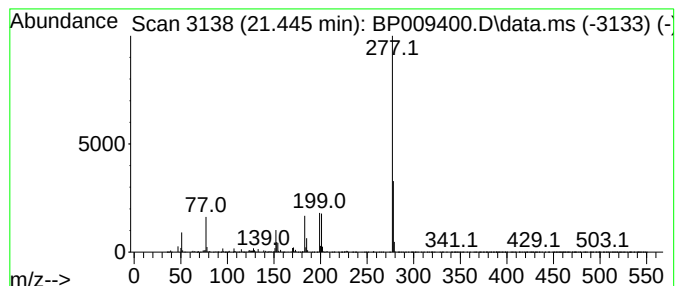
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.445	18.93 ng	4995490	Chrysene-d12	21.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	92
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	91
3			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
4			5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
5			2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009400.D
Acq On : 15 Mar 2022 16:15
Operator : CG/JU
Sample : N1913-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BS-SOILP

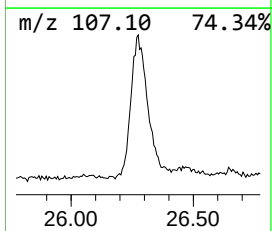
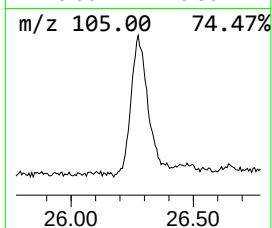
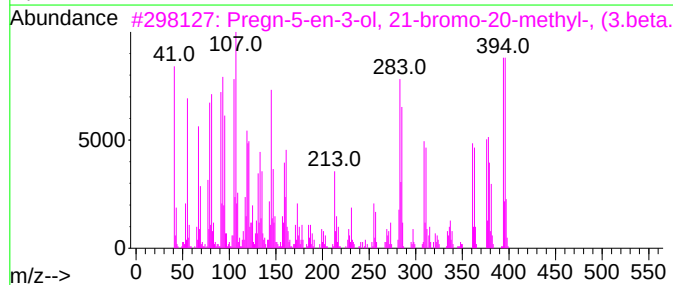
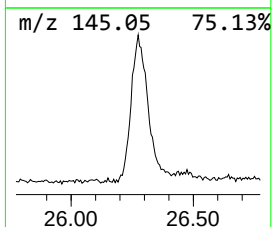
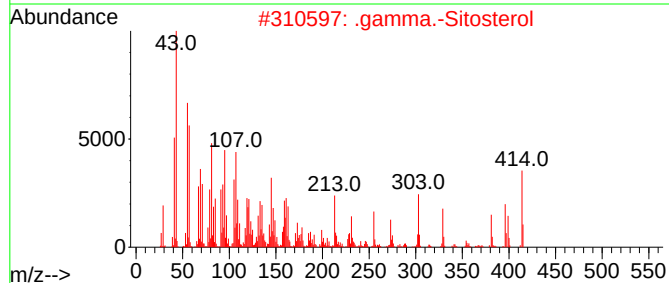
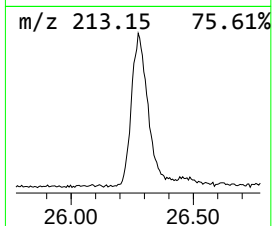
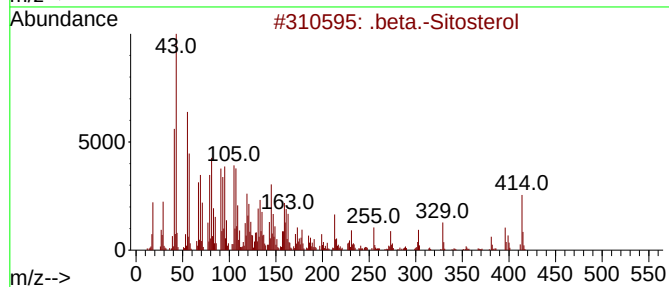
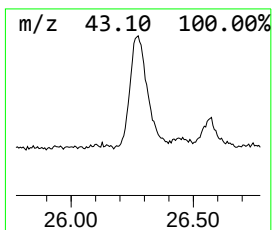
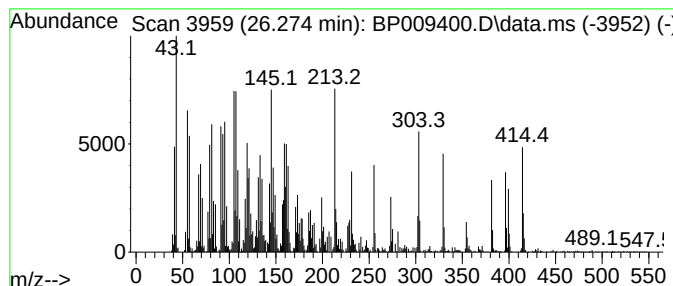
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 .beta.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.274	20.78 ng	6467340	Perylene-d12	23.733

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	94
3		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	86
4		(3S,8S,9S,10R,13R,14S,17R)-17-(...	414	C29H50O	029365-29-5	27
5		Norflurazon	303	C12H9ClF3N3O	027314-13-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009400.D
 Acq On : 15 Mar 2022 16:15
 Operator : CG/JU
 Sample : N1913-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-SOILP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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
Butane, 2-metho...	3.058	10.0	ng	722287	1	7.810	1447120	20.0
Octadecanoic acid	15.586	206.4	ng	28474900	3	14.451	2759000	20.0
(E)-4-(3-Hydrox...	16.616	6.8	ng	1201440	4	17.210	3531380	20.0
n-Hexadecanoic ...	18.122	10.8	ng	1911530	4	17.210	3531380	20.0
3,5-Dimethoxy-4...	18.380	9.4	ng	1656490	4	17.210	3531380	20.0
trans-Sinapyl a...	18.433	25.4	ng	4492190	4	17.210	3531380	20.0
Oxybis(propane-...	19.227	4.0	ng	709168	4	17.210	3531380	20.0
Morpholine, 4-p...	19.322	3.5	ng	923879	5	21.321	5278140	20.0
2,2'-(Ethane-1,...	19.392	6.7	ng	1770880	5	21.321	5278140	20.0
Hexadecane, 1-C...	20.080	2.0	ng	540335	5	21.321	5278140	20.0
1-Heneicosyl fo...	21.051	3.4	ng	898067	5	21.321	5278140	20.0
Triphenylphosph...	21.445	18.9	ng	4995490	5	21.321	5278140	20.0
.beta.-Sitosterol	26.274	20.8	ng	6467340	6	23.733	6223530	20.0