

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
 Data File : BP019933.D
 Acq On : 29 Feb 2024 12:54
 Operator : MA/JU
 Sample : P1538-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20241097-COMPOSITE-35N-N-4-02

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-BP022624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019933.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.470	398	405	417	rBV	1082956	1679446	9.91%	2.636%
2	7.075	671	678	688	rBV	1033805	1755206	10.35%	2.755%
3	7.893	811	817	826	rVB	281286	452165	2.67%	0.710%
4	9.069	1009	1017	1026	rBV	681529	1170619	6.90%	1.837%
5	10.699	1287	1294	1302	rBV	345256	599063	3.53%	0.940%
6	12.551	1577	1609	1610	rBV	262568	1281564	7.56%	2.011%
7	13.169	1707	1714	1721	rBV	1547746	2347474	13.85%	3.684%
8	14.087	1853	1870	1880	rBV8	109702	592151	3.49%	0.929%
9	14.240	1884	1896	1916	rVB5	162291	871948	5.14%	1.369%
10	14.545	1942	1948	1955	rVB	532182	809153	4.77%	1.270%
11	15.375	2081	2089	2105	rVB	763136	1446256	8.53%	2.270%
12	16.045	2197	2203	2209	rVB	1591243	2298367	13.56%	3.607%
13	16.704	2310	2315	2323	rBV2	163566	267791	1.58%	0.420%
14	16.910	2331	2350	2369	rBV2	4067714	15290755	90.19%	23.999%
15	17.310	2412	2418	2424	rVB	648859	931570	5.49%	1.462%
16	17.981	2528	2532	2540	rVB2	119693	171735	1.01%	0.270%
17	18.210	2565	2571	2578	rBV	1188897	1696165	10.00%	2.662%
18	18.481	2612	2617	2621	rBV	353235	551426	3.25%	0.865%
19	18.522	2621	2624	2636	rVB	471611	675209	3.98%	1.060%
20	19.039	2707	2712	2724	rBV2	175388	364937	2.15%	0.573%
21	19.269	2745	2751	2772	rBV2	381093	1418752	8.37%	2.227%
22	19.445	2777	2781	2792	rVB	557860	811103	4.78%	1.273%
23	19.881	2850	2855	2861	rVB	3032697	3725692	21.98%	5.848%
24	20.092	2888	2891	2896	rVB2	137743	183980	1.09%	0.289%
25	20.639	2977	2984	2999	rBV	13383824	16953222	100.00%	26.609%
26	20.751	3000	3003	3012	rVB	323439	512866	3.03%	0.805%
27	21.333	3098	3102	3109	rVB2	412994	587617	3.47%	0.922%
28	21.416	3111	3116	3129	rVB	858728	1217030	7.18%	1.910%
29	21.633	3149	3153	3161	rVB	433583	598832	3.53%	0.940%
30	21.922	3198	3202	3207	rVB	386272	555106	3.27%	0.871%
31	22.557	3306	3310	3315	rVB	369020	569332	3.36%	0.894%
32	23.845	3524	3529	3540	rVB	622900	1327006	7.83%	2.083%

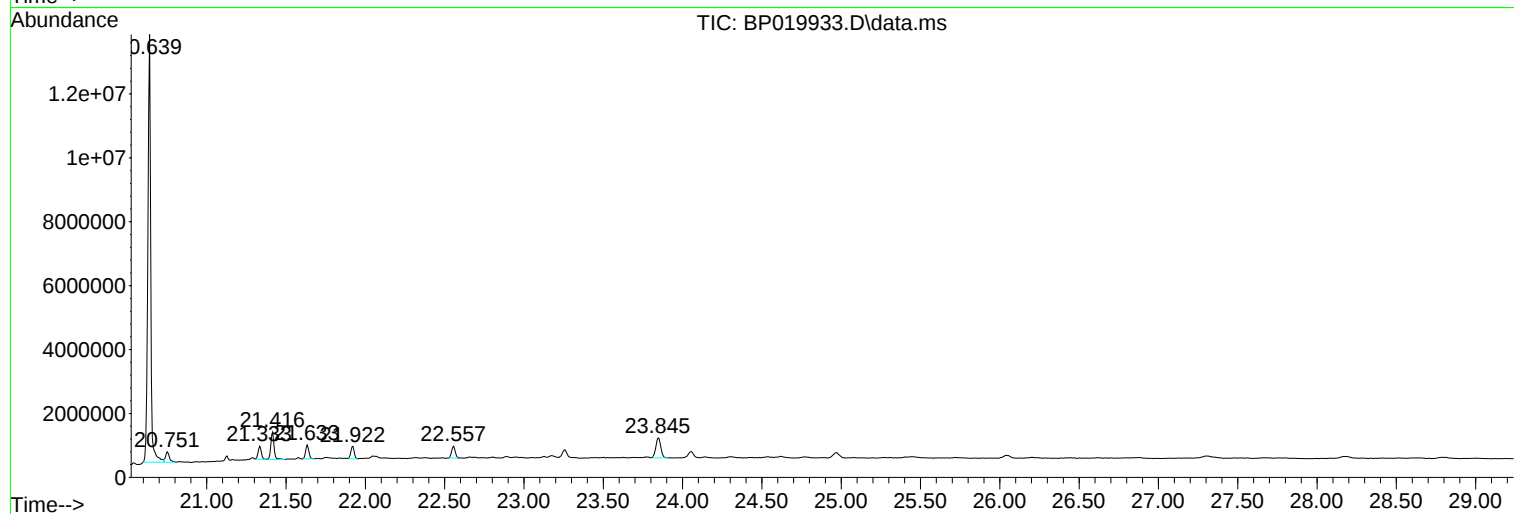
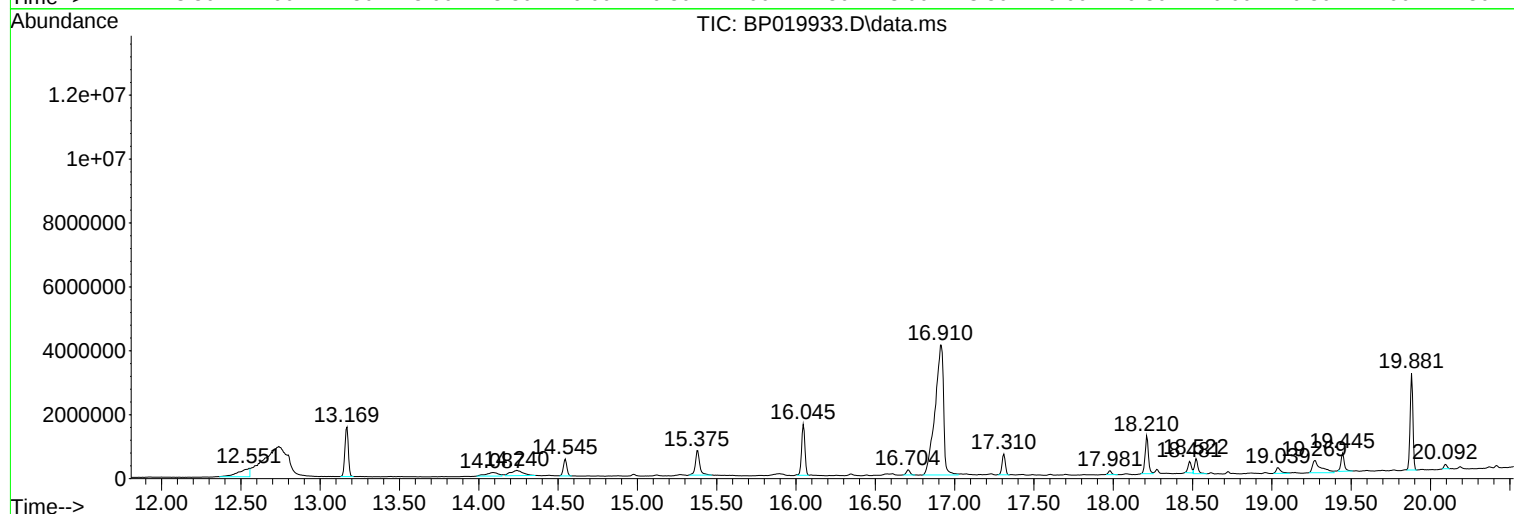
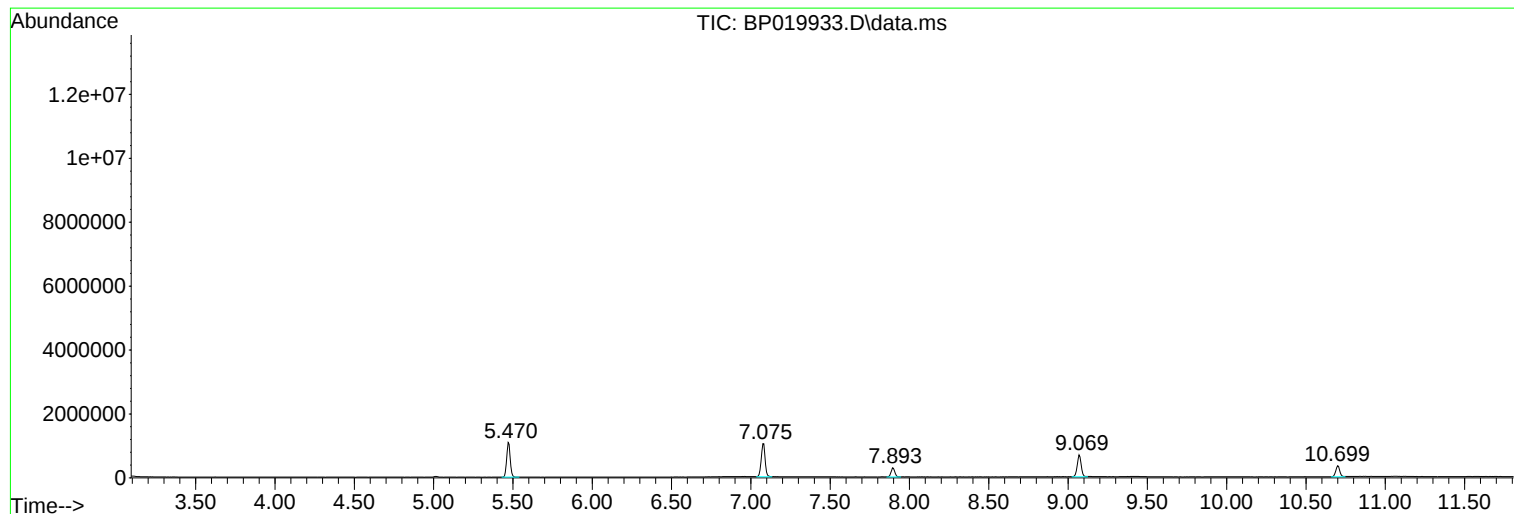
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ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.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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20241097-COMPOSITE-35N-N-4-02

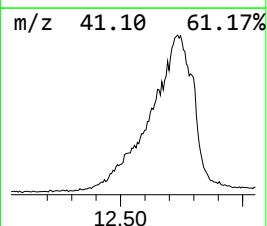
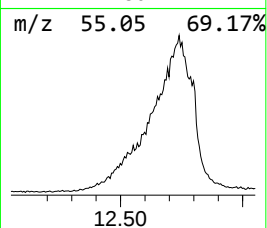
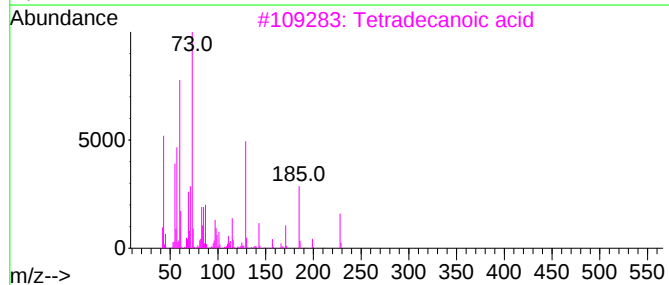
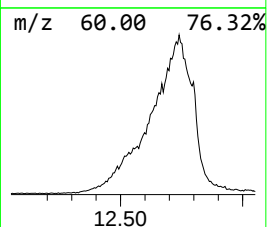
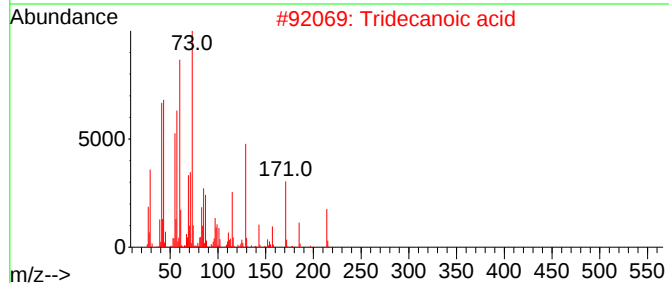
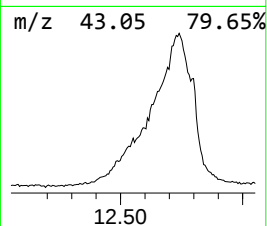
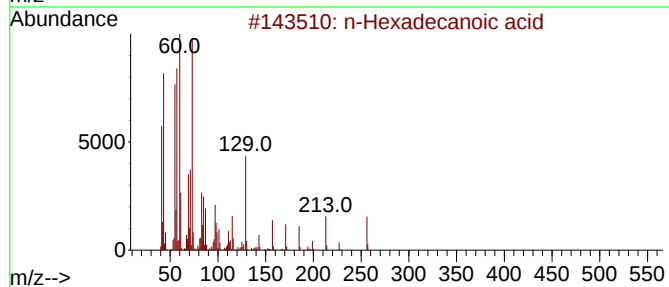
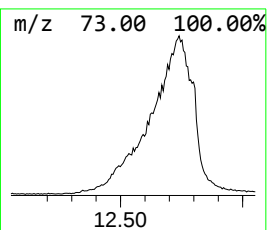
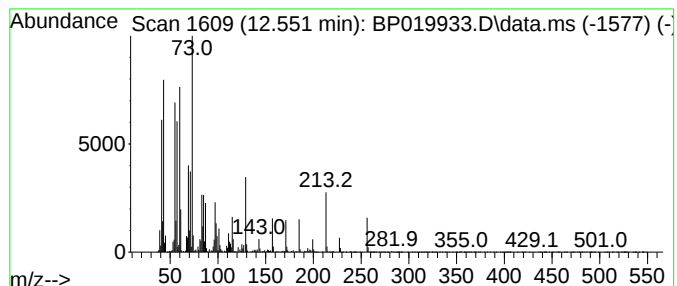
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.552	42.79 ng	1281560	Naphthalene-d8	10.699

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Octadecanoic acid	284	C18H36O2	000057-11-4	62



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Data File : BP019933.D
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Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

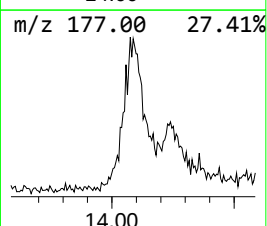
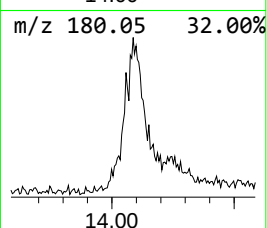
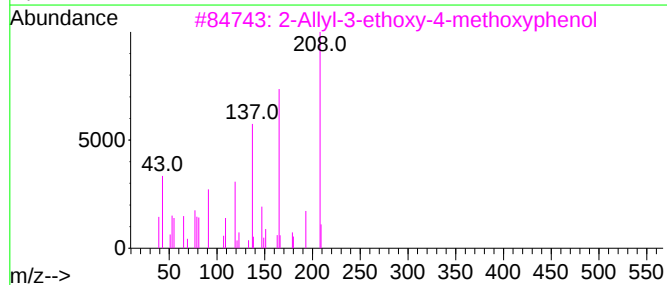
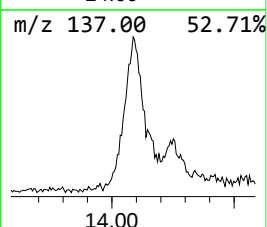
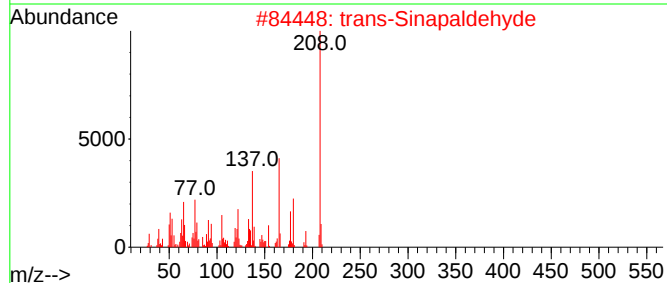
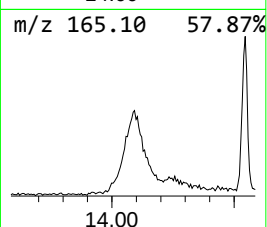
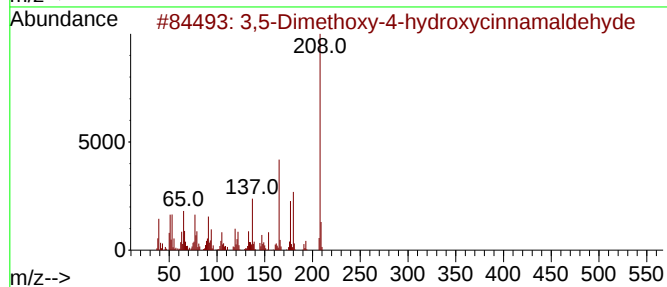
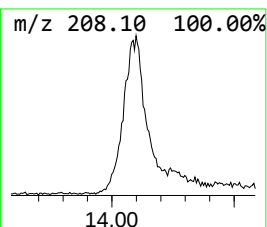
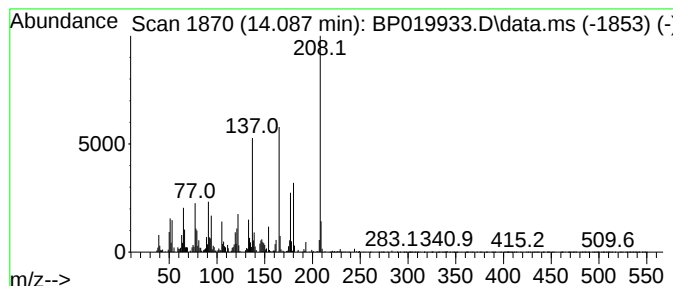
Instrument :
BNA_P
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 3,5-Dimethoxy-4-hydroxycinn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.087	14.64 ng	592151	Acenaphthene-d10		14.546	
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	94
3	2-Allyl-3-ethoxy-4-methoxyphenol		208	C12H16O3	1000122-70-6	58
4	Asarone		208	C12H16O3	002883-98-9	49
5	Phenanthrene, 9-methoxy-		208	C15H12O	005085-74-5	45



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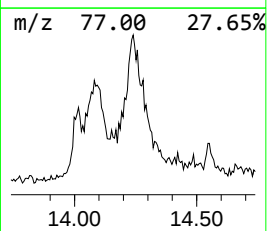
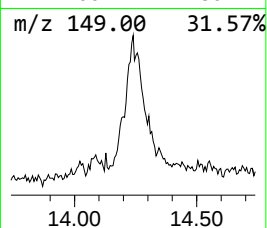
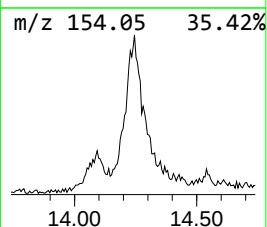
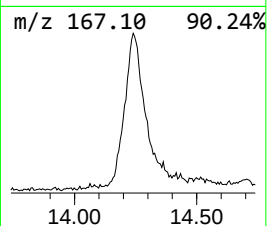
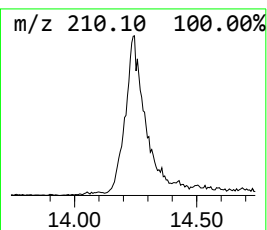
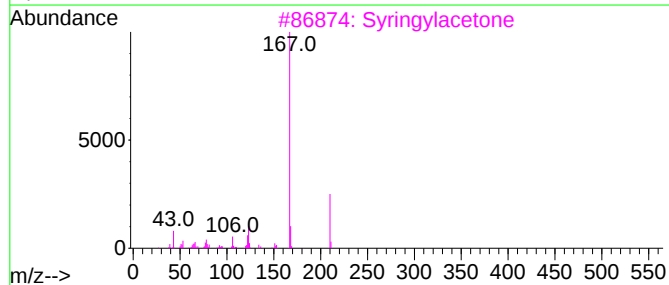
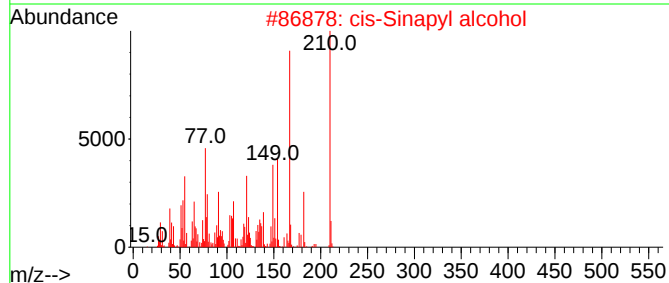
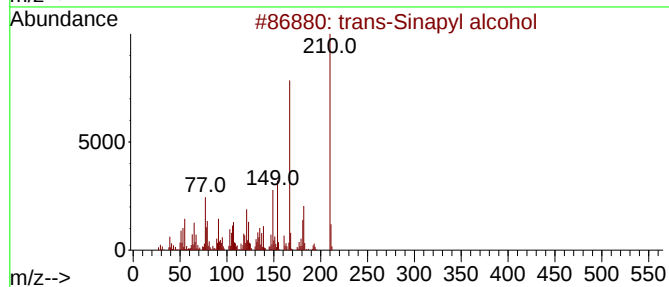
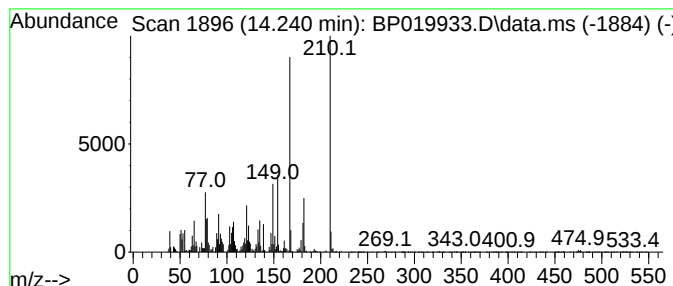
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 trans-Sinapyl alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.240	21.55 ng	871948	Acenaphthene-d10	14.546

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	90
3			Syringylacetone	210	C11H14O4	019037-58-2	64
4			Thiophene, 2-isobutyl-5-isopentyl-	210	C13H22S	004806-10-4	53
5			Desaspidinol	210	C11H14O4	000437-72-9	53



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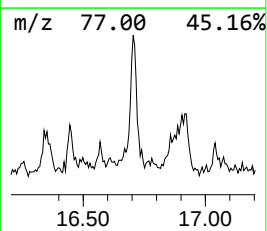
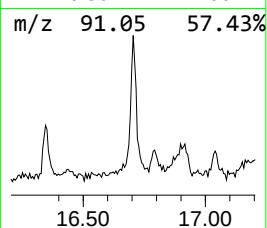
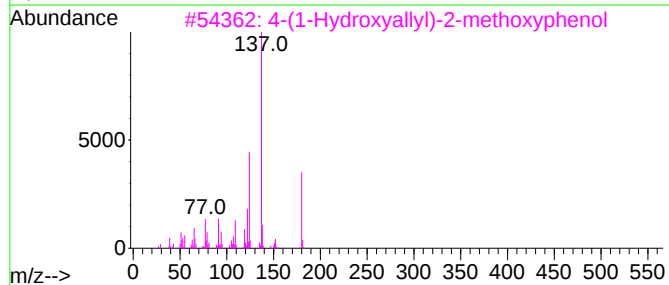
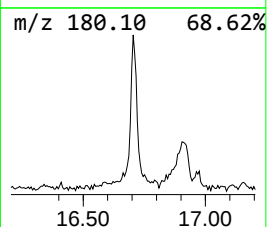
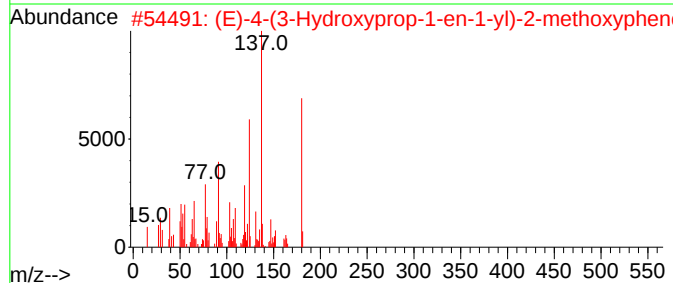
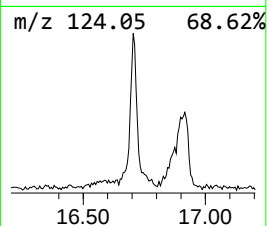
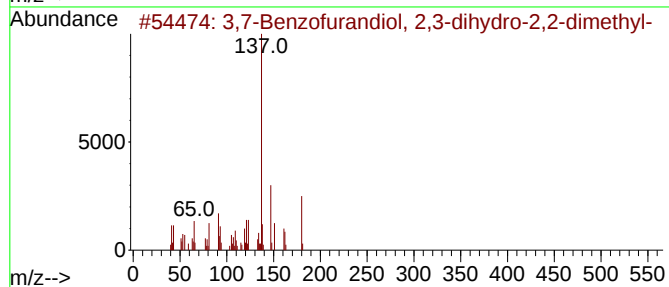
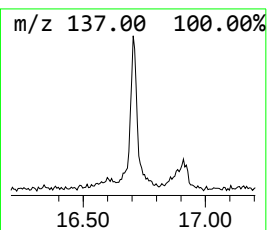
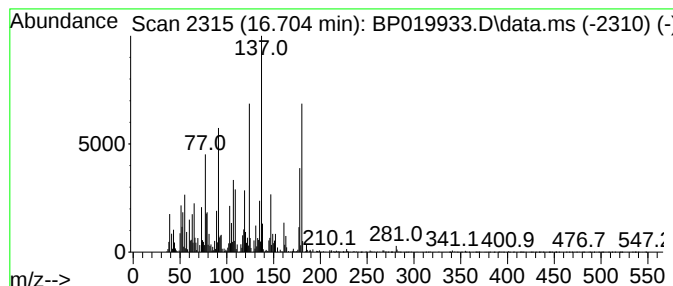
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 3,7-Benzofurandiol, 2,3-dih... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.704	5.75 ng	267791	Phenanthrene-d10	17.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,7-Benzofurandiol, 2,3-dihydro-...	180	C10H12O3	017781-15-6	70
2			(E)-4-(3-Hydroxyprop-1-en-1-yl)-...	180	C10H12O3	032811-40-8	62
3			4-(1-Hydroxyallyl)-2-methoxyphenol	180	C10H12O3	112465-50-6	49
4			Benzaldehyde, -2-ethoxy-5-methoxy	180	C10H12O3	039206-04-7	30
5			1-(4-Acetoxy-3-methoxyphenyl)-2-...	222	C12H14O4	1000308-75-0	27



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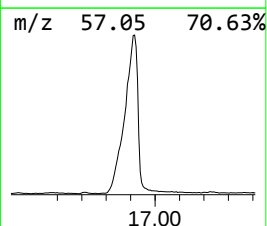
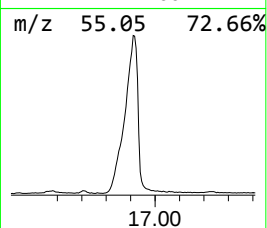
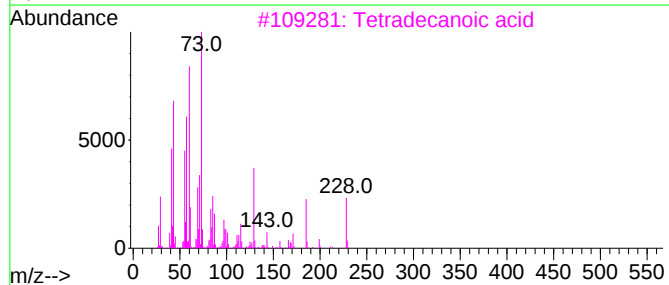
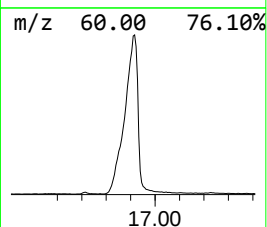
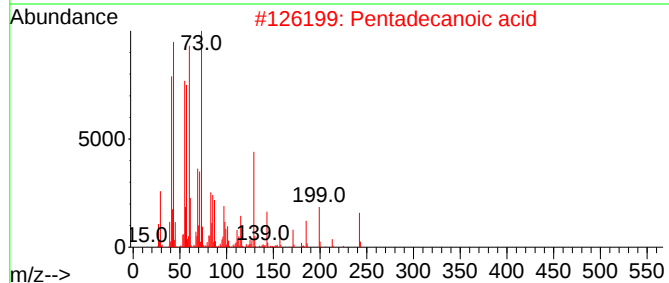
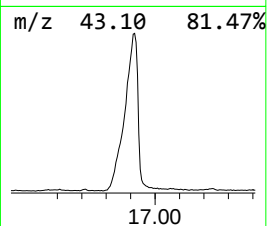
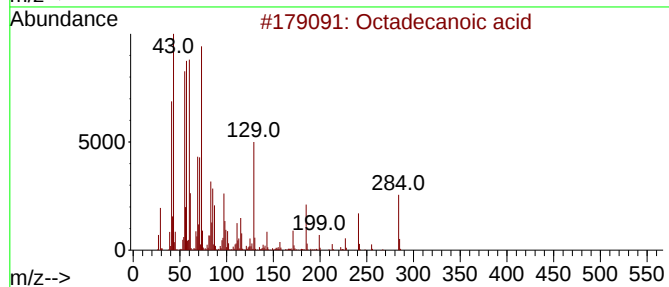
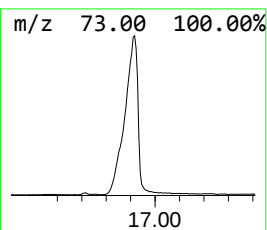
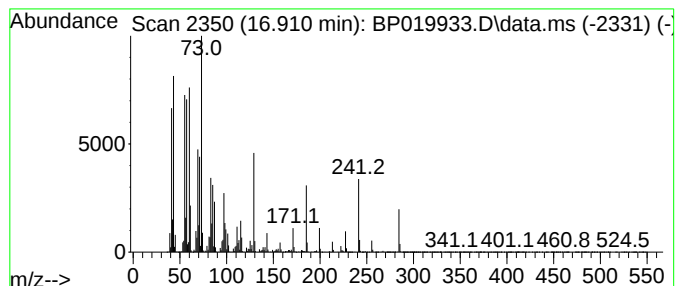
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.910	328.28 ng	15290800	Phenanthrene-d10	17.310

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	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
Acq On : 29 Feb 2024 12:54
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

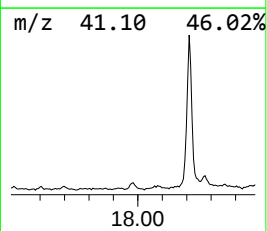
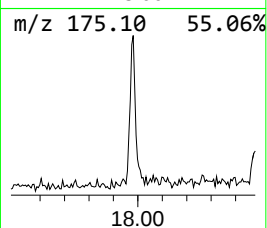
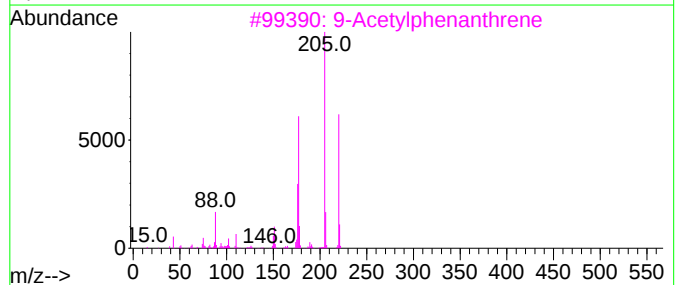
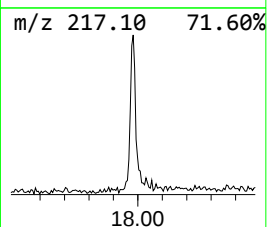
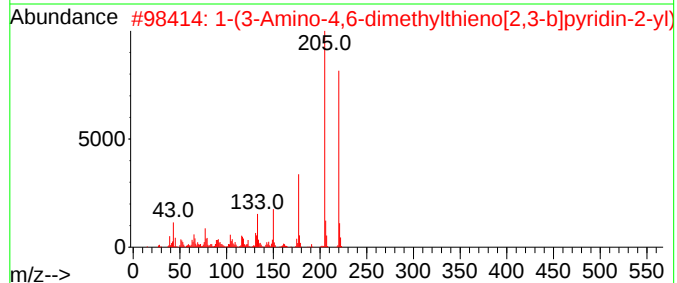
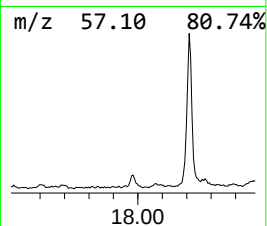
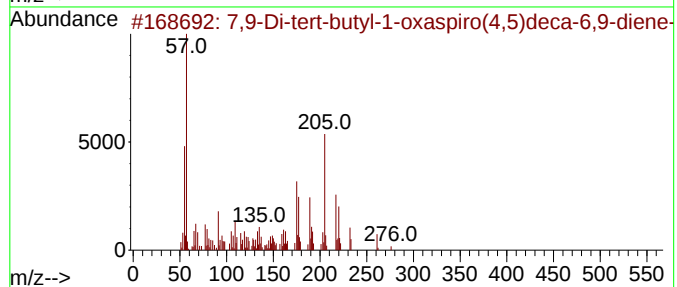
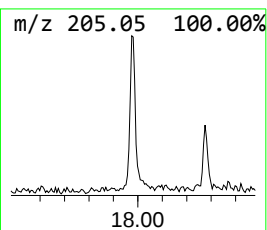
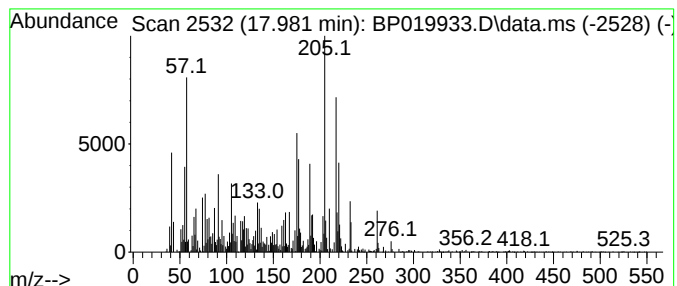
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ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.981	3.69 ng	171735	Phenanthrene-d10		17.310	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...		276	C17H24O3	082304-66-3	99
2	1-(3-Amino-4,6-dimethylthieno[2,...		220	C11H12N2OS	052505-42-7	46
3	9-Acetylphenanthrene		220	C16H12O	002039-77-2	38
4	9-Ethyl-10-methylantracene		220	C17H16	019713-49-6	38
5	Ethanone, 1-(9-anthracenyl)-		220	C16H12O	000784-04-3	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
Acq On : 29 Feb 2024 12:54
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

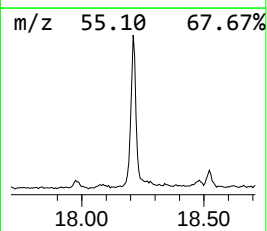
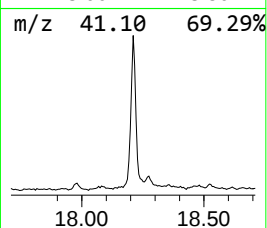
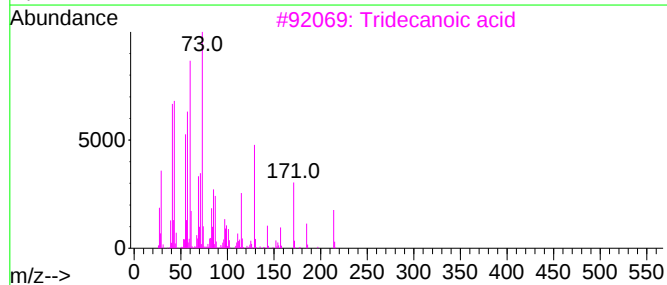
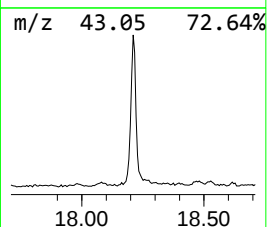
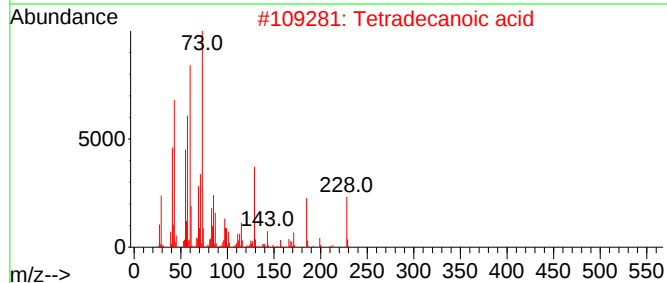
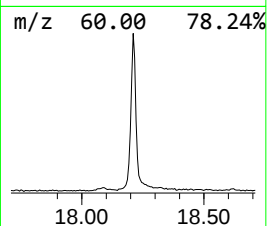
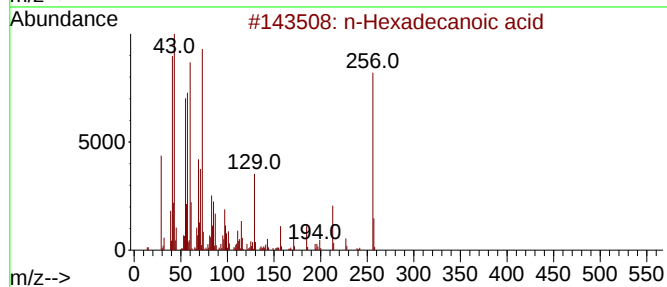
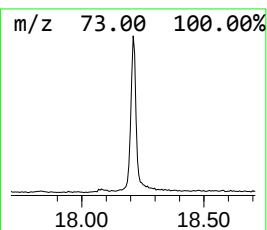
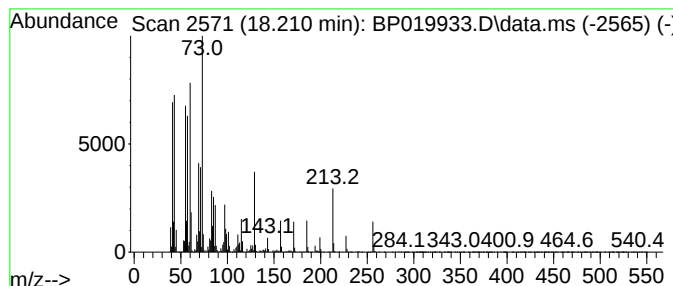
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	36.42 ng	1696170	Phenanthrene-d10	17.310

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	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	94
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
Acq On : 29 Feb 2024 12:54
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

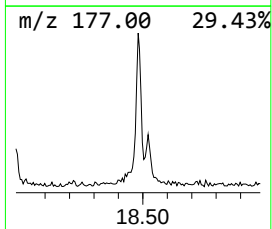
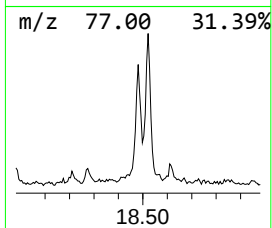
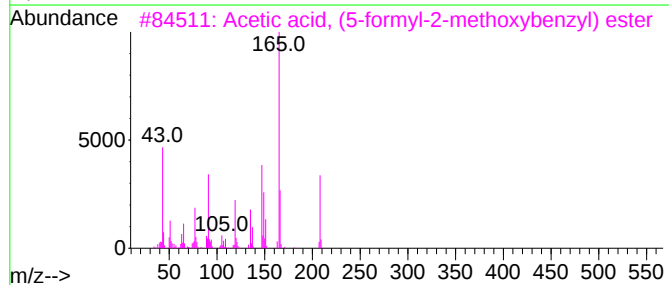
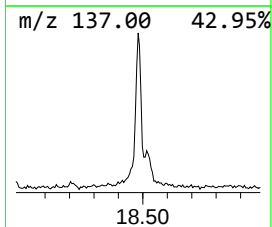
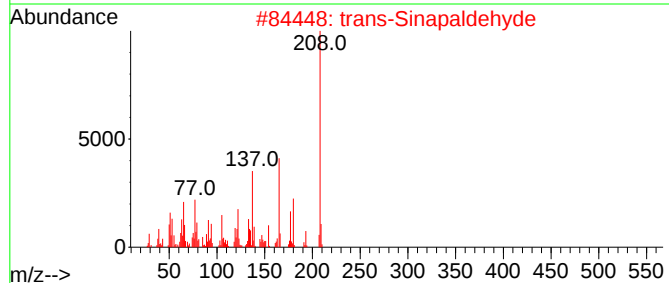
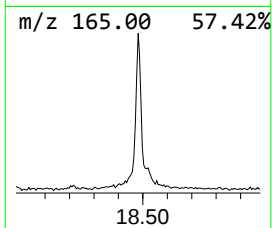
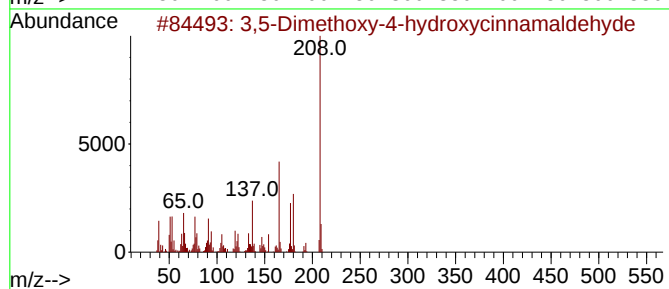
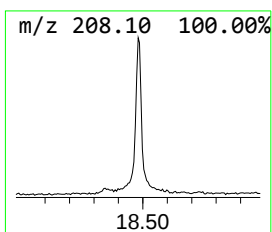
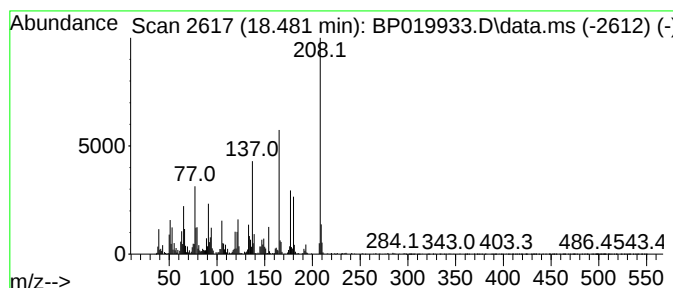
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 trans-Sinapaldehyde Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.481	11.84 ng	551426	Phenanthrene-d10	17.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethoxy-4-hydroxycinnamal...	208	C11H12O4	087345-53-7	95		
2	trans-Sinapaldehyde	208	C11H12O4	004206-58-0	93		
3	Acetic acid, (5-formyl-2-methoxy...	208	C11H12O4	099865-67-5	55		
4	Phenanthrene, 9-methoxy-	208	C15H12O	005085-74-5	49		
5	4-(4-Fluoro-3-methylphenyl)-1,3-...	208	C10H9FN2S	003830-48-6	45		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
Acq On : 29 Feb 2024 12:54
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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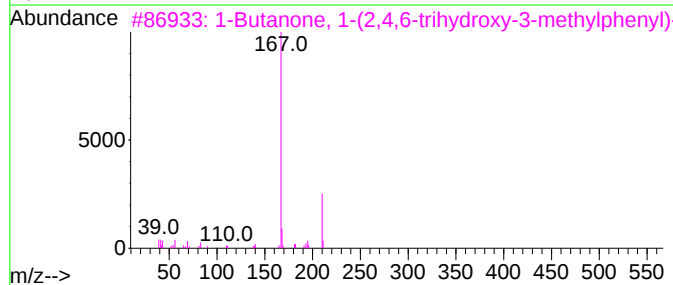
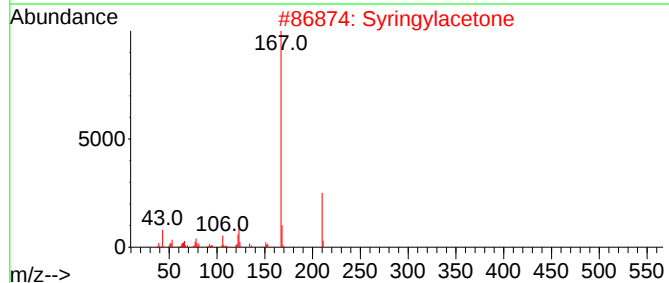
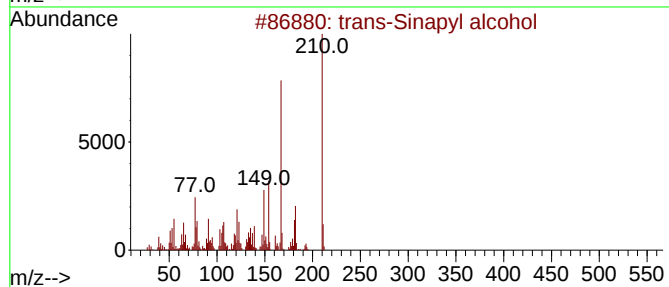
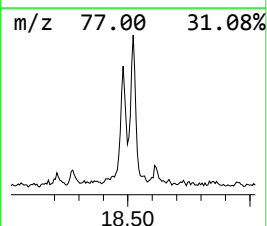
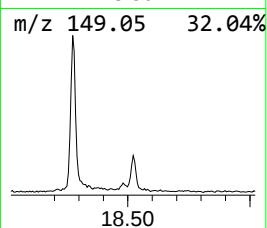
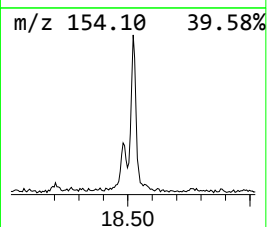
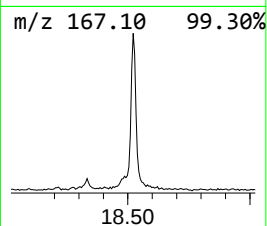
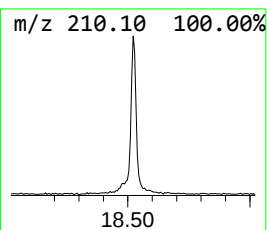
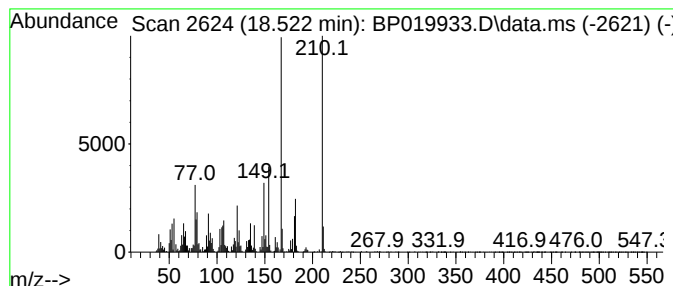
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Syringylacetone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	14.50 ng	675209	Phenanthrene-d10	17.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Sinapyl alcohol	210	C11H14O4	020675-96-1	94
2			Syringylacetone	210	C11H14O4	019037-58-2	60
3			1-Butanone, 1-(2,4,6-trihydroxy-...	210	C11H14O4	001509-06-4	47
4			cis-Sinapyl alcohol	210	C11H14O4	104330-63-4	46
5			4-Ethyl-2,6-dimethoxyphenol	182	C10H14O3	014059-92-8	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
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Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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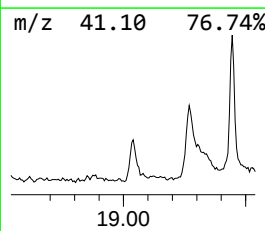
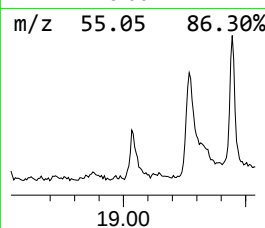
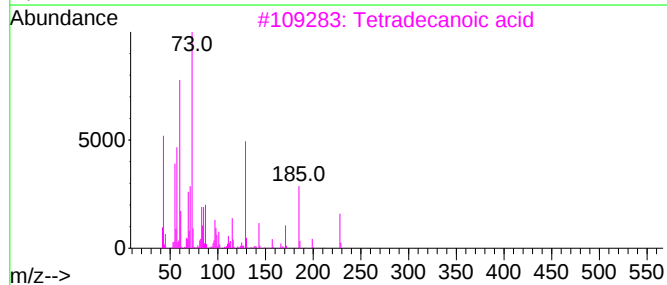
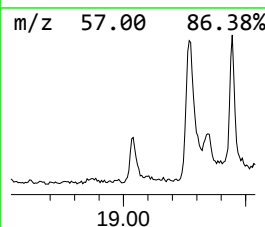
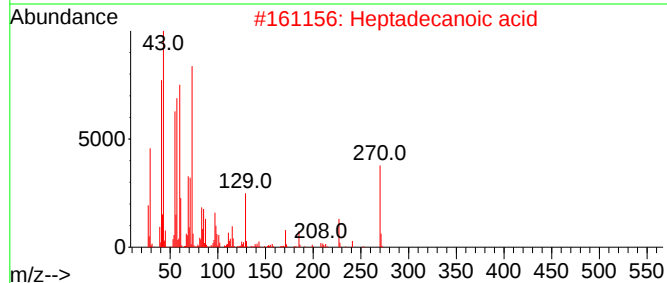
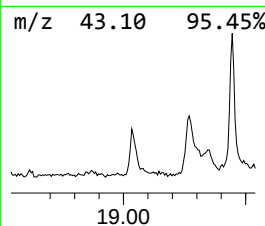
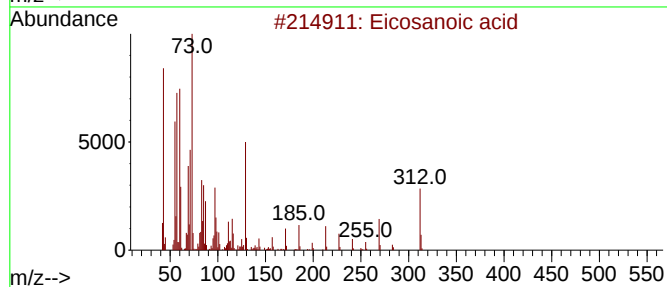
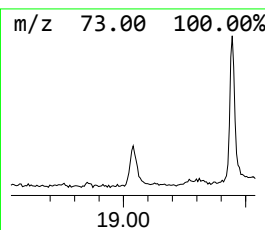
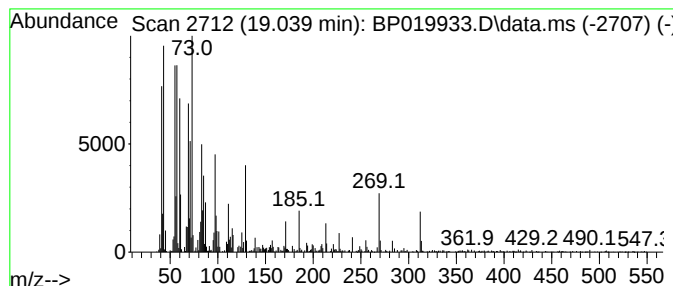
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	7.83 ng	364937	Phenanthrene-d10	17.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid	312	C20H40O2	000506-30-9	97
2			Heptadecanoic acid	270	C17H34O2	000506-12-7	78
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4			Octacosyl acetate	452	C30H60O2	018206-97-8	51
5			17-Pentatriacontene	491	C35H70	006971-40-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
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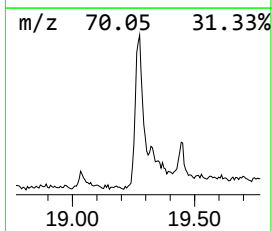
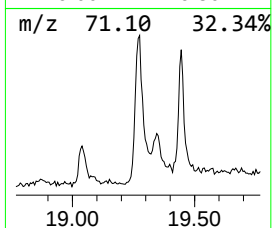
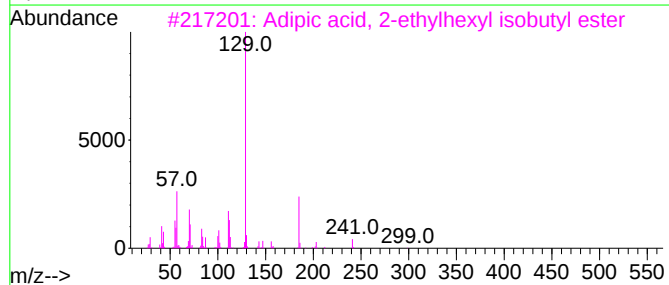
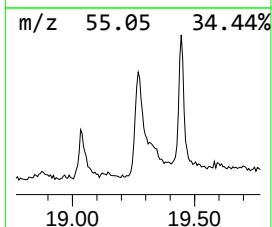
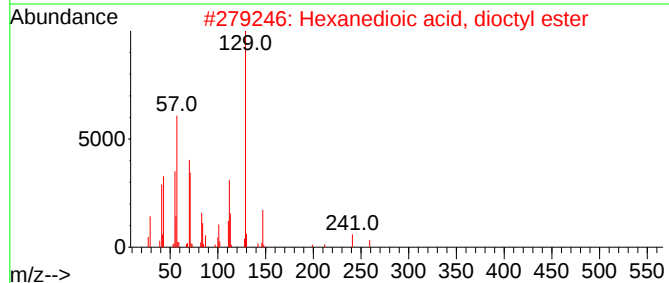
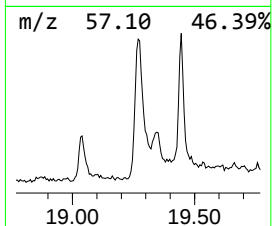
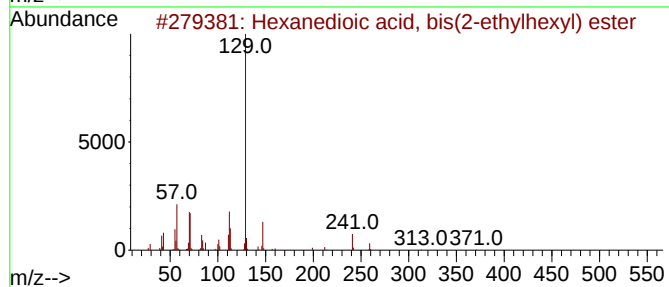
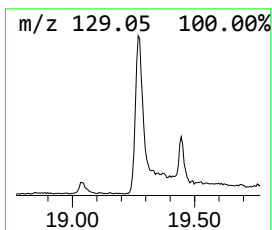
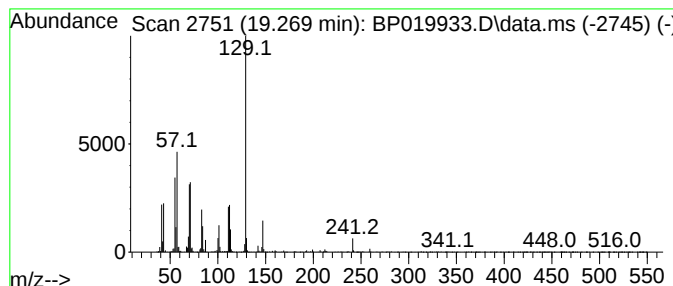
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexanedioic acid, bis(2-eth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.269	30.46 ng	1418750	Phenanthrene-d10	17.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	68
3	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	53
4	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	53
5	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
Acq On : 29 Feb 2024 12:54
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

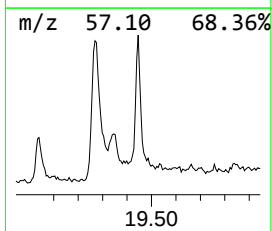
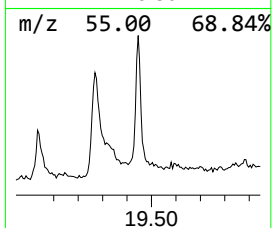
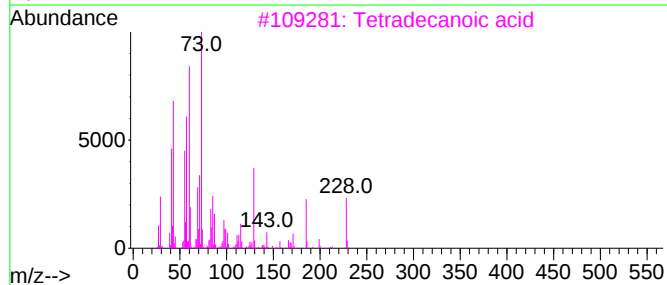
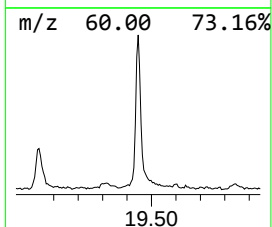
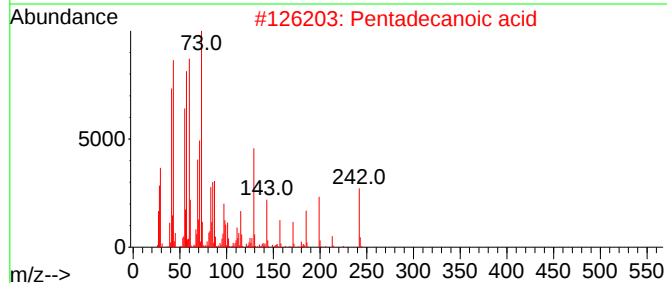
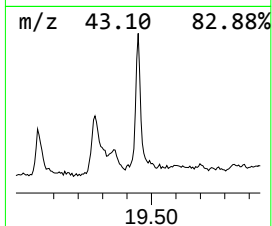
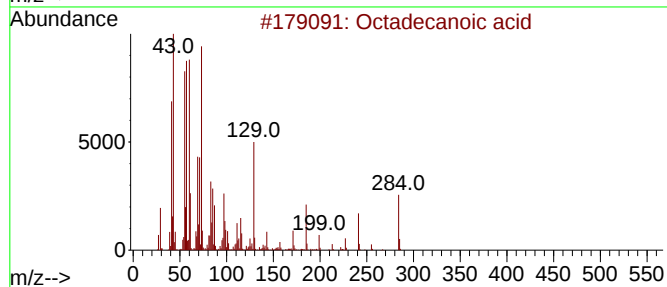
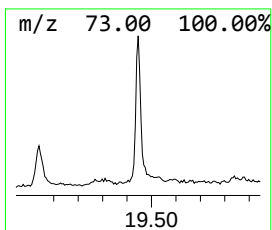
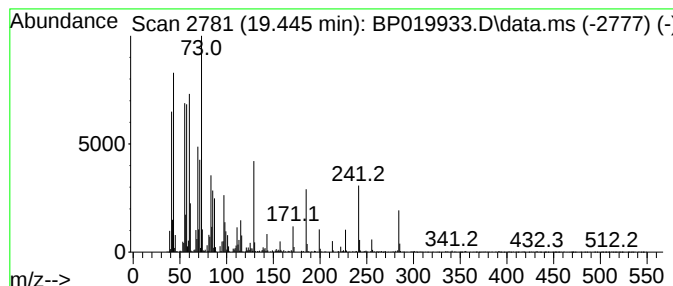
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	13.33 ng	811103	Chrysene-d12	21.416

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	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Octadecanoic acid, 2-hydroxy-1,3...	625	C39H76O5	000504-40-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
Acq On : 29 Feb 2024 12:54
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

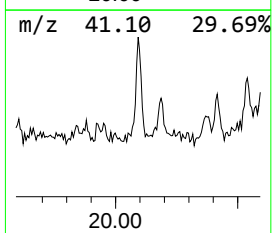
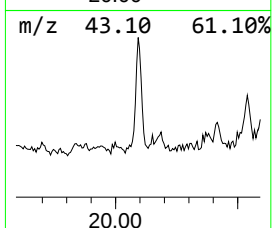
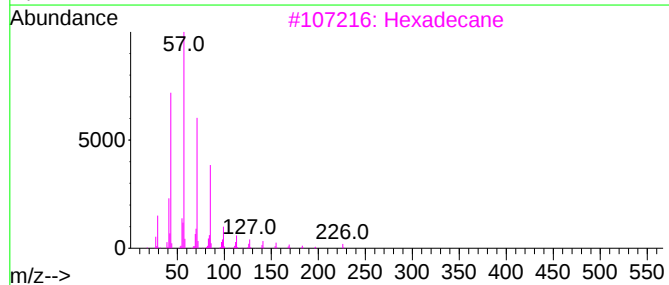
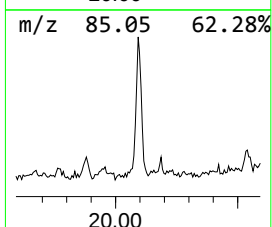
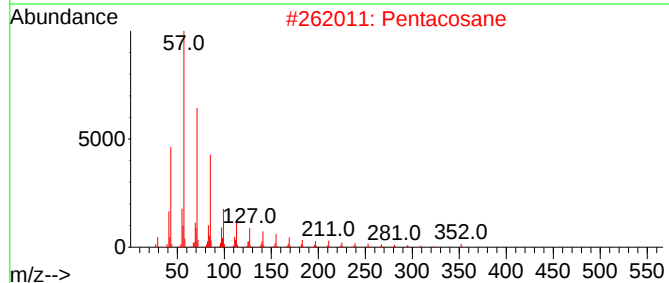
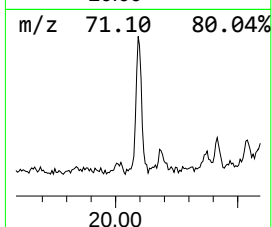
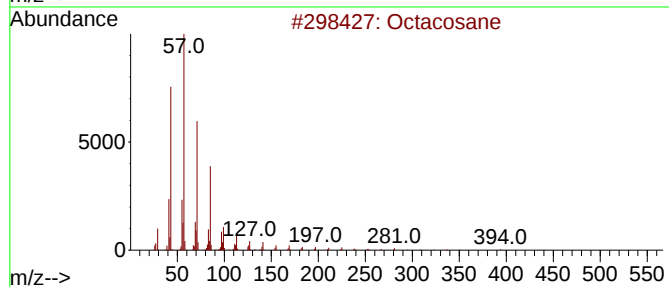
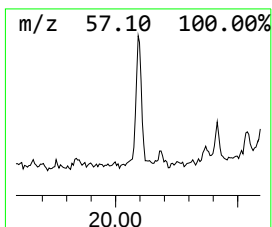
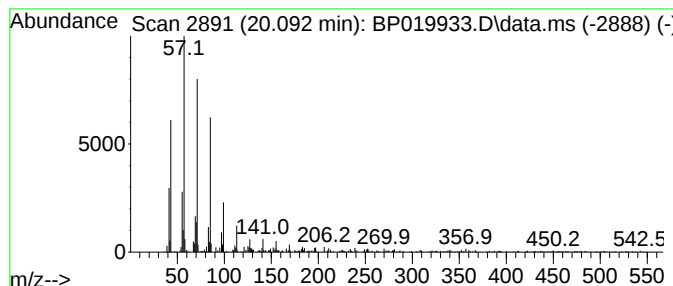
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.092	3.02 ng	183980	Chrysene-d12		21.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	93
2	Pentacosane		352	C25H52	000629-99-2	89
3	Hexadecane		226	C16H34	000544-76-3	83
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	81
5	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
Acq On : 29 Feb 2024 12:54
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

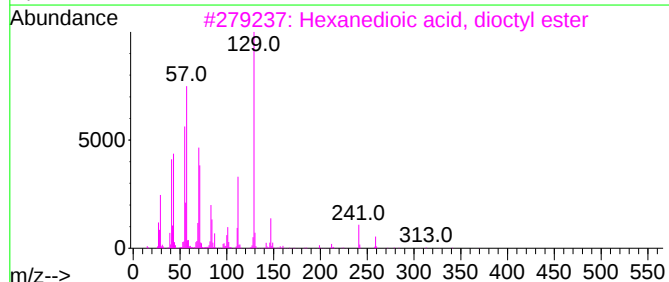
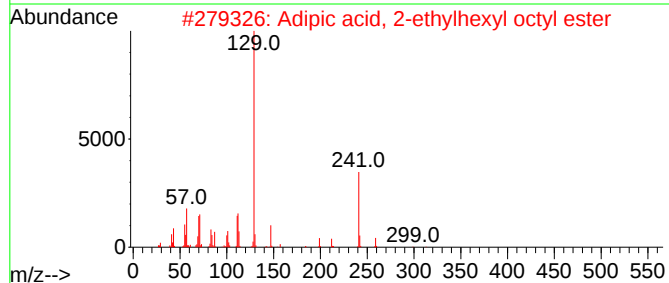
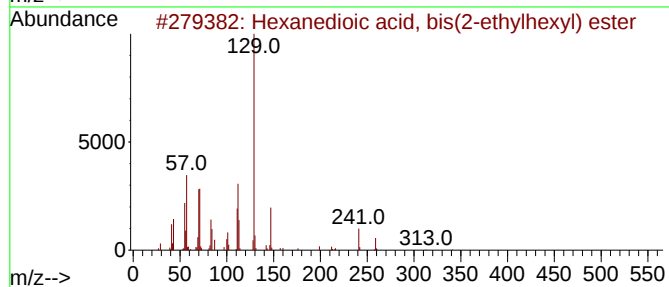
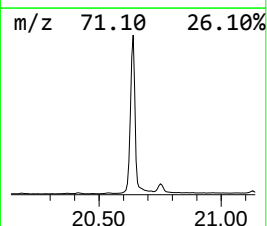
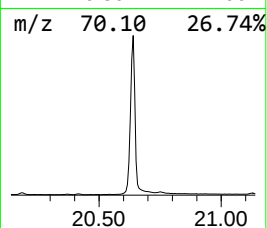
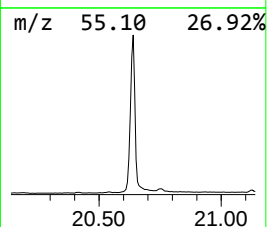
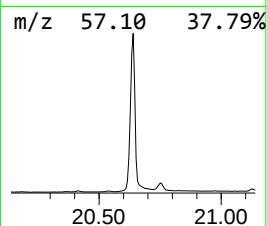
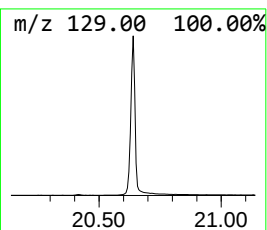
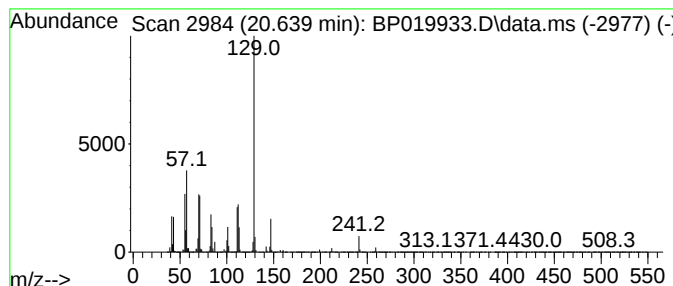
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Adipic acid, 2-ethylhexyl o... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.639	278.60 ng	16953200	Chrysene-d12	21.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2			Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	80
4			Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68
5			Diisooctyl adipate	370	C22H42O4	001330-86-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
Acq On : 29 Feb 2024 12:54
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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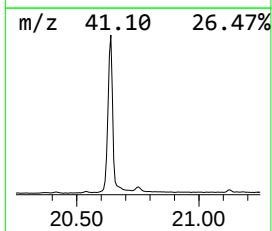
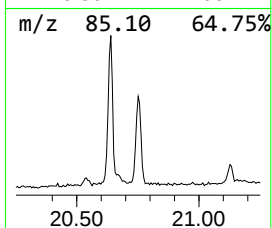
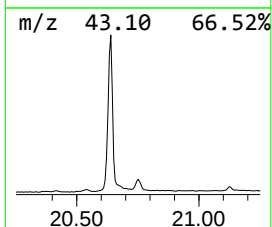
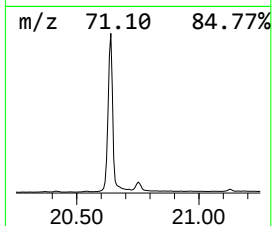
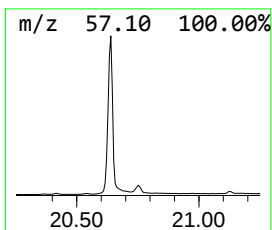
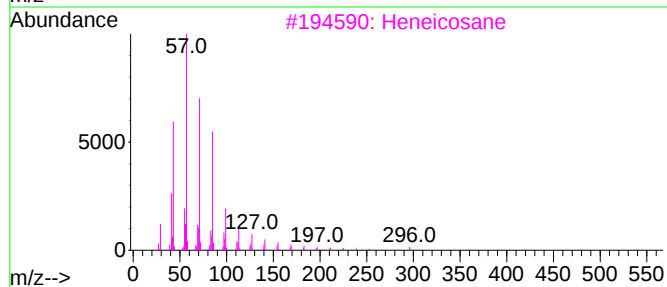
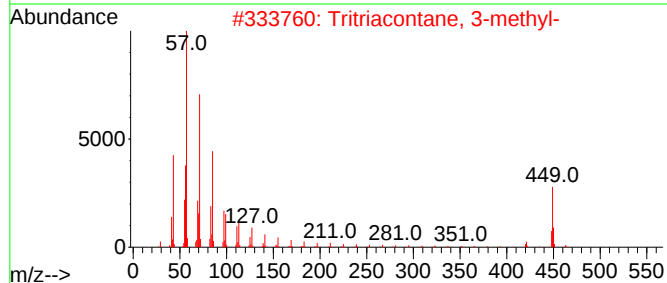
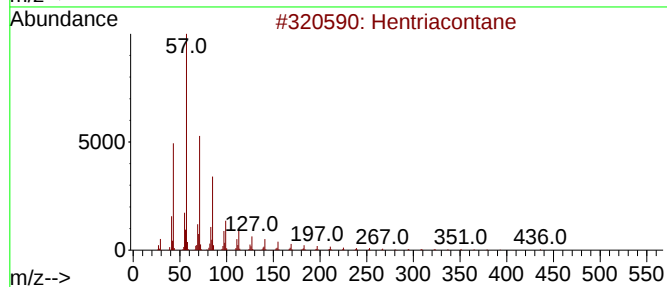
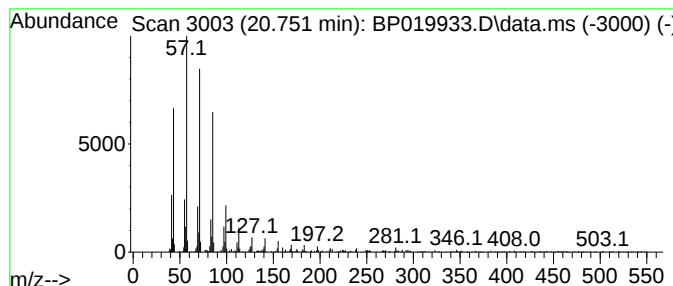
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hentriacontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.751	8.43 ng	512866	Chrysene-d12	21.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	91
2			Tritriacontane, 3-methyl-	479	C34H70	014167-69-2	83
3			Heneicosane	296	C21H44	000629-94-7	83
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	81
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
Acq On : 29 Feb 2024 12:54
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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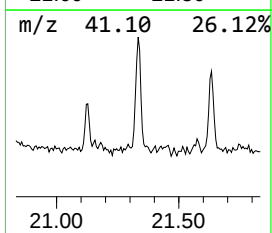
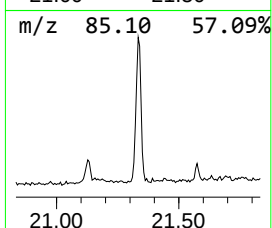
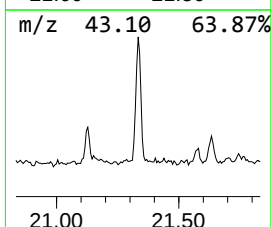
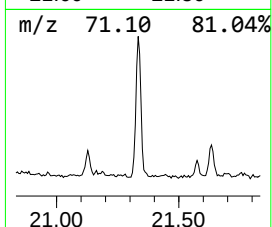
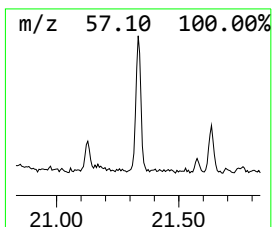
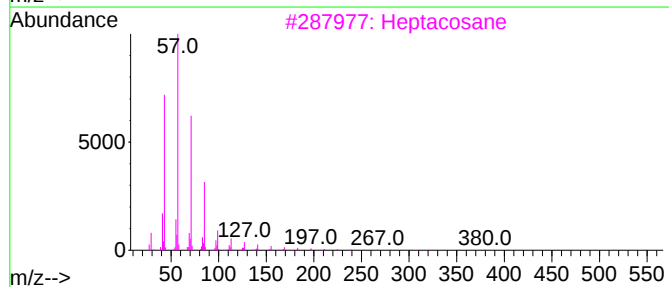
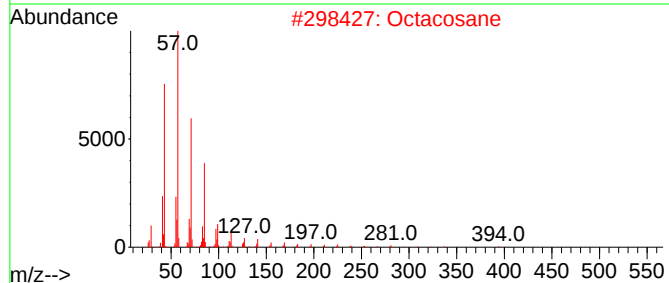
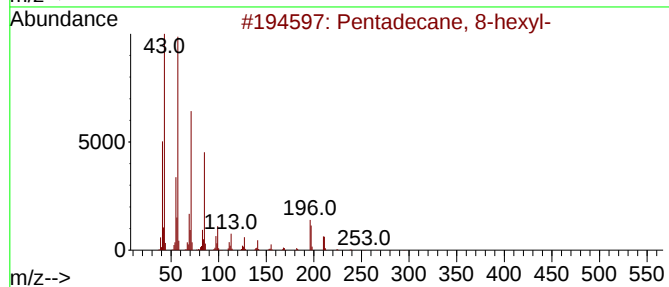
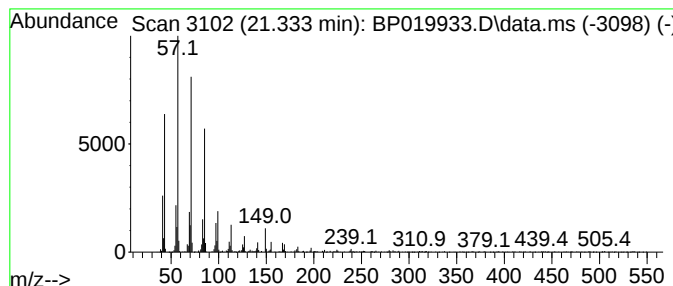
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane, 8-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.333	9.66 ng	587617	Chrysene-d12	21.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2			Octacosane	394	C28H58	000630-02-4	86
3			Heptacosane	380	C27H56	000593-49-7	86
4			Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	81
5			Heneicosane	296	C21H44	000629-94-7	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
Acq On : 29 Feb 2024 12:54
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

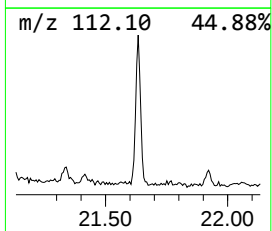
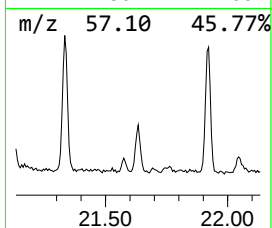
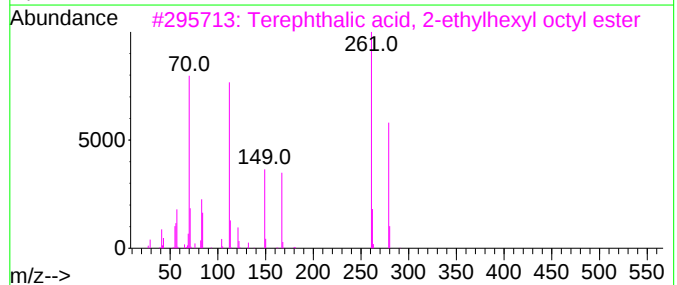
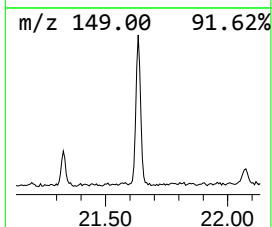
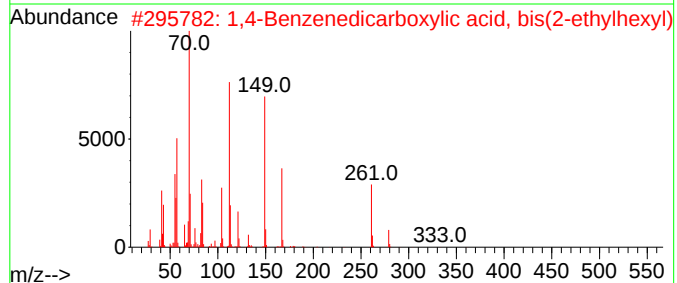
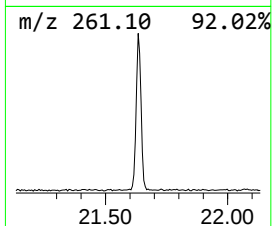
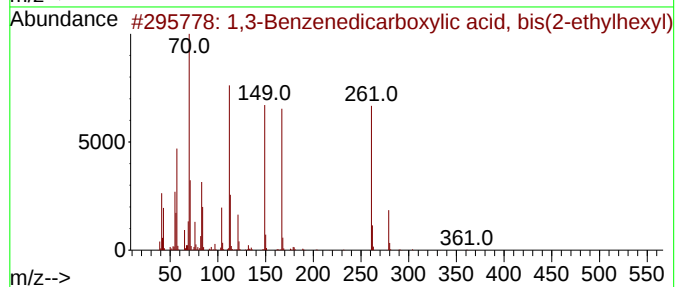
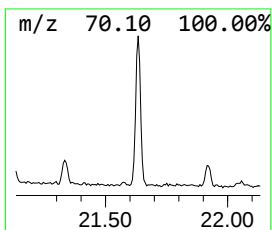
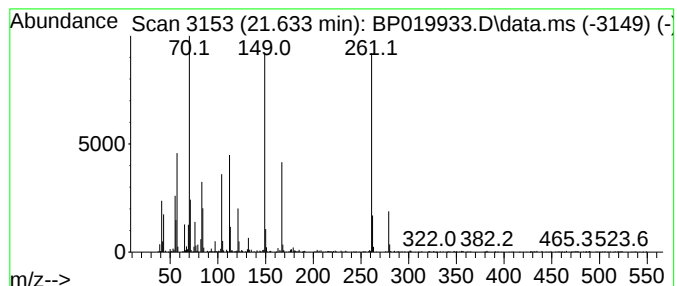
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,3-Benzenedicarboxylic aci... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.633	9.84 ng	598832	Chrysene-d12	21.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	68
2			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	53
3			Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	52
4			Isophthalic acid, 3,3-dimethylbu...	362	C22H34O4	1000356-55-3	43
5			Phthalic acid, octyl 2-tert-buty...	424	C27H36O4	1000357-09-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
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Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

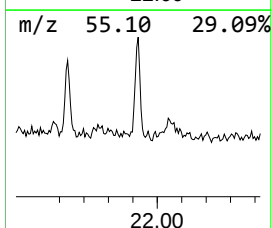
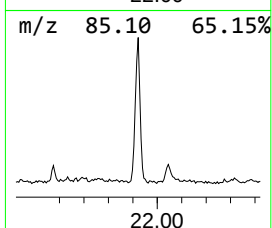
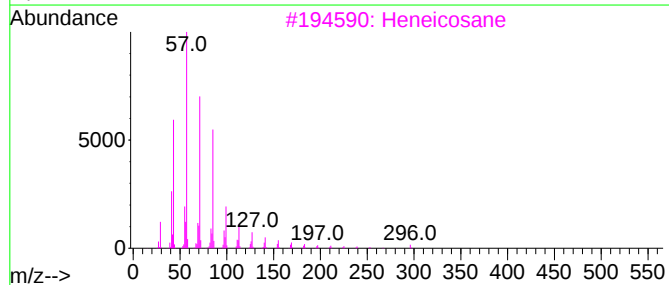
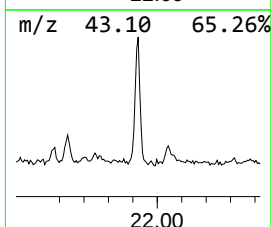
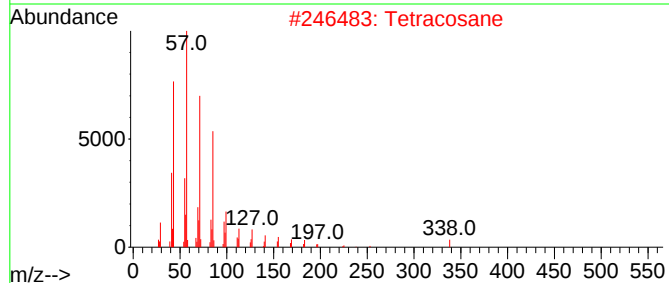
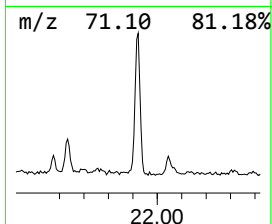
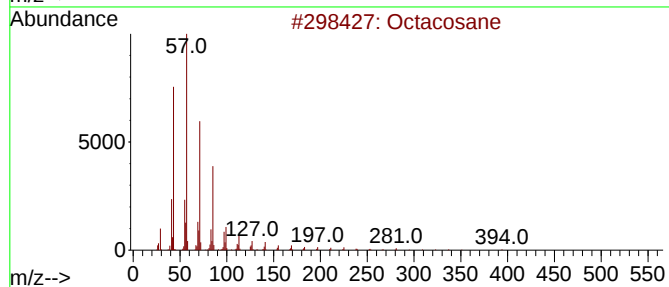
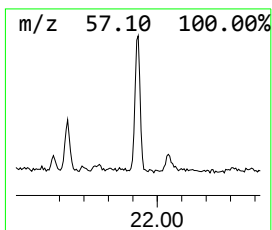
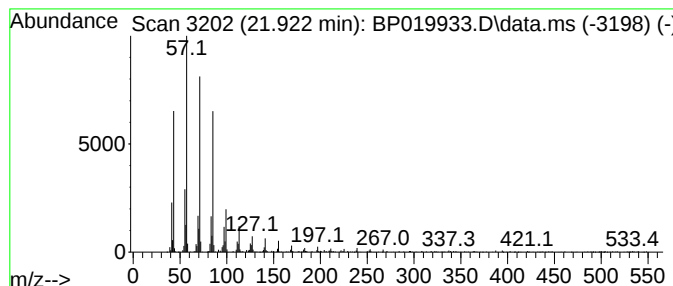
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.922	9.12 ng	555106	Chrysene-d12	21.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	83
5	Hexacosane	366	C26H54	000630-01-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
Acq On : 29 Feb 2024 12:54
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

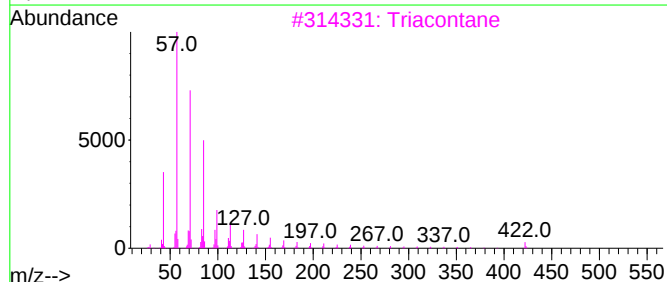
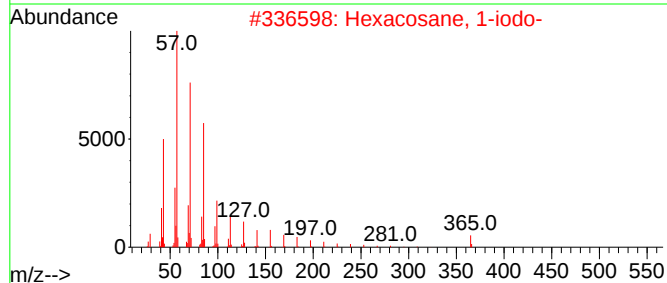
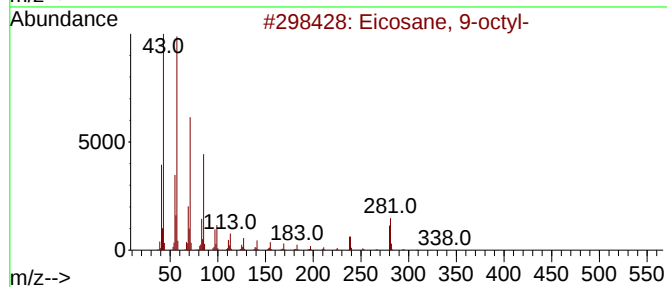
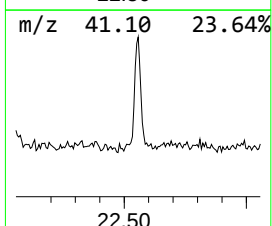
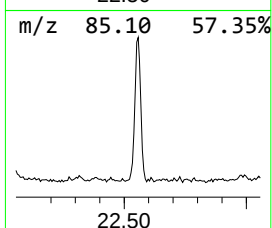
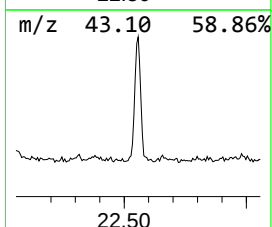
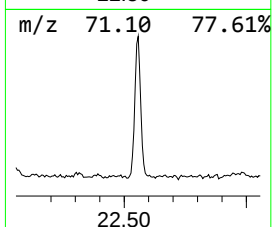
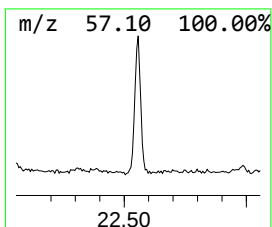
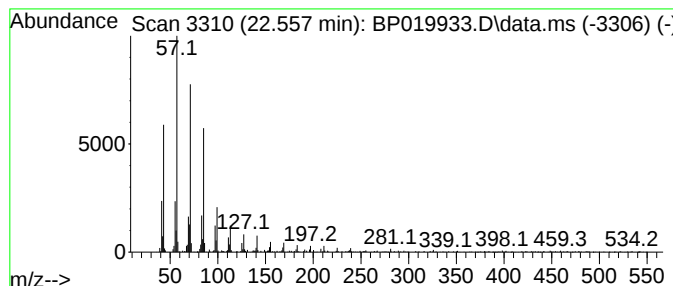
Instrument :
BNA_P
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane, 9-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.557	9.36 ng	569332	Chrysene-d12		21.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-		394	C28H58	013475-77-9	93
2	Hexacosane, 1-iodo-		492	C26H53I	1000406-32-1	91
3	Triacontane		422	C30H62	000638-68-6	91
4	Heptadecane, 3-methyl-		254	C18H38	006418-44-6	91
5	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019933.D
Acq On : 29 Feb 2024 12:54
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.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
n-Hexadecanoic ...	12.552	42.8	ng	1281560	2	10.699	599063	20.0
3,5-Dimethoxy-4...	14.087	14.6	ng	592151	3	14.546	809153	20.0
trans-Sinapyl a...	14.240	21.6	ng	871948	3	14.546	809153	20.0
3,7-Benzofurand...	16.704	5.8	ng	267791	4	17.310	931570	20.0
Octadecanoic acid	16.910	328.3	ng	15290800	4	17.310	931570	20.0
7,9-Di-tert-but...	17.981	3.7	ng	171735	4	17.310	931570	20.0
Tetradecanoic acid	18.210	36.4	ng	1696170	4	17.310	931570	20.0
trans-Sinapalde...	18.481	11.8	ng	551426	4	17.310	931570	20.0
Syringylacetone	18.522	14.5	ng	675209	4	17.310	931570	20.0
Eicosanoic acid	19.039	7.8	ng	364937	4	17.310	931570	20.0
Hexanedioic aci...	19.269	30.5	ng	1418750	4	17.310	931570	20.0
Pentadecanoic acid	19.445	13.3	ng	811103	5	21.416	1217030	20.0
Octacosane	20.092	3.0	ng	183980	5	21.416	1217030	20.0
Adipic acid, 2-...	20.639	278.6	ng	16953200	5	21.416	1217030	20.0
Hentriacontane	20.751	8.4	ng	512866	5	21.416	1217030	20.0
Pentadecane, 8-...	21.333	9.7	ng	587617	5	21.416	1217030	20.0
1,3-Benzenedica...	21.633	9.8	ng	598832	5	21.416	1217030	20.0
Tetracosane	21.922	9.1	ng	555106	5	21.416	1217030	20.0
Eicosane, 9-octyl-	22.557	9.4	ng	569332	5	21.416	1217030	20.0