

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019914.D
 Acq On : 28 Feb 2024 13:48
 Operator : MA/JU
 Sample : P1538-02
 Misc :
 ALS Vial : 8 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: BP019914.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.011	319	327	335	rBV	17863	29608	1.43%	0.162%
2	5.458	396	403	417	rBV	852012	1286790	62.23%	7.048%
3	7.058	666	675	688	rBV	768832	1281274	61.96%	7.017%
4	7.887	809	816	824	rBV	223358	359859	17.40%	1.971%
5	9.057	1008	1015	1027	rBV	495004	854337	41.31%	4.679%
6	10.687	1285	1292	1299	rBV	244537	429632	20.78%	2.353%
7	13.157	1705	1712	1723	rBV	1121185	1648956	79.74%	9.031%
8	14.410	1921	1925	1932	rBV3	14101	30415	1.47%	0.167%
9	14.534	1939	1946	1955	rBV	349902	508562	24.59%	2.785%
10	14.963	2014	2019	2026	rBV4	17901	29957	1.45%	0.164%
11	15.369	2083	2088	2094	rVB	85320	126083	6.10%	0.691%
12	15.934	2174	2184	2193	rBV	344564	672683	32.53%	3.684%
13	16.028	2194	2200	2209	rVB	850482	1310768	63.39%	7.179%
14	16.492	2265	2279	2298	rBV2	582669	2039907	98.65%	11.172%
15	16.698	2309	2314	2321	rVB7	38058	80481	3.89%	0.441%
16	17.069	2373	2377	2380	rBV5	20556	32701	1.58%	0.179%
17	17.116	2380	2385	2393	rVB	93048	148659	7.19%	0.814%
18	17.228	2400	2404	2408	rBV3	27686	34888	1.69%	0.191%
19	17.298	2410	2416	2428	rVB	371961	562434	27.20%	3.080%
20	17.481	2444	2447	2454	rVB8	19001	28185	1.36%	0.154%
21	17.598	2462	2467	2471	rBV	43939	67535	3.27%	0.370%
22	17.969	2527	2530	2538	rVB8	31278	51823	2.51%	0.284%
23	18.198	2563	2569	2577	rBV	896574	1277436	61.77%	6.996%
24	18.269	2577	2581	2596	rVB	206680	335725	16.24%	1.839%
25	18.610	2636	2639	2644	rVB6	25899	30380	1.47%	0.166%
26	18.710	2653	2656	2661	rBV2	22394	32487	1.57%	0.178%
27	19.316	2756	2759	2768	rVB6	37215	60717	2.94%	0.333%
28	19.433	2774	2779	2793	rBV	493605	751129	36.32%	4.114%
29	19.869	2848	2853	2860	rVB	1716296	2067899	100.00%	11.326%
30	20.286	2920	2924	2933	rBV	109111	173818	8.41%	0.952%
31	21.122	3063	3066	3071	rVB3	80829	104966	5.08%	0.575%
32	21.322	3097	3100	3106	rVB	94632	108776	5.26%	0.596%
33	21.398	3108	3113	3119	rBV	589735	761936	36.85%	4.173%
34	23.816	3518	3524	3534	rVB	436118	937971	45.36%	5.137%

Sum of corrected areas: 18258777

Instrument :

BNA_P

ClientSampleId :

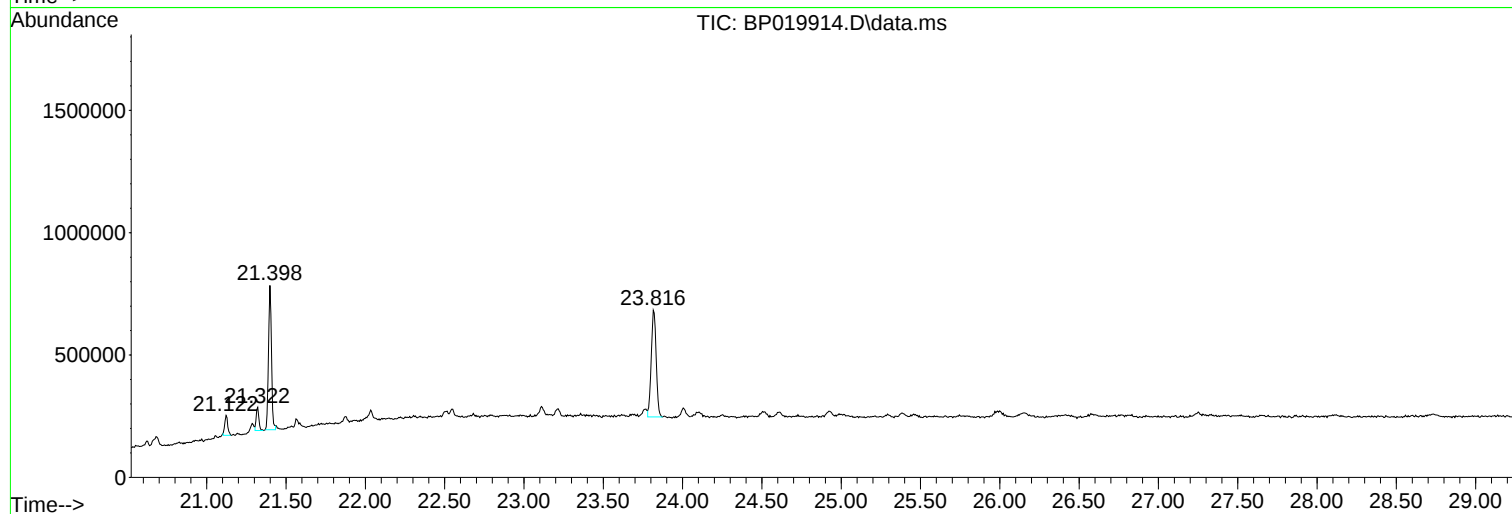
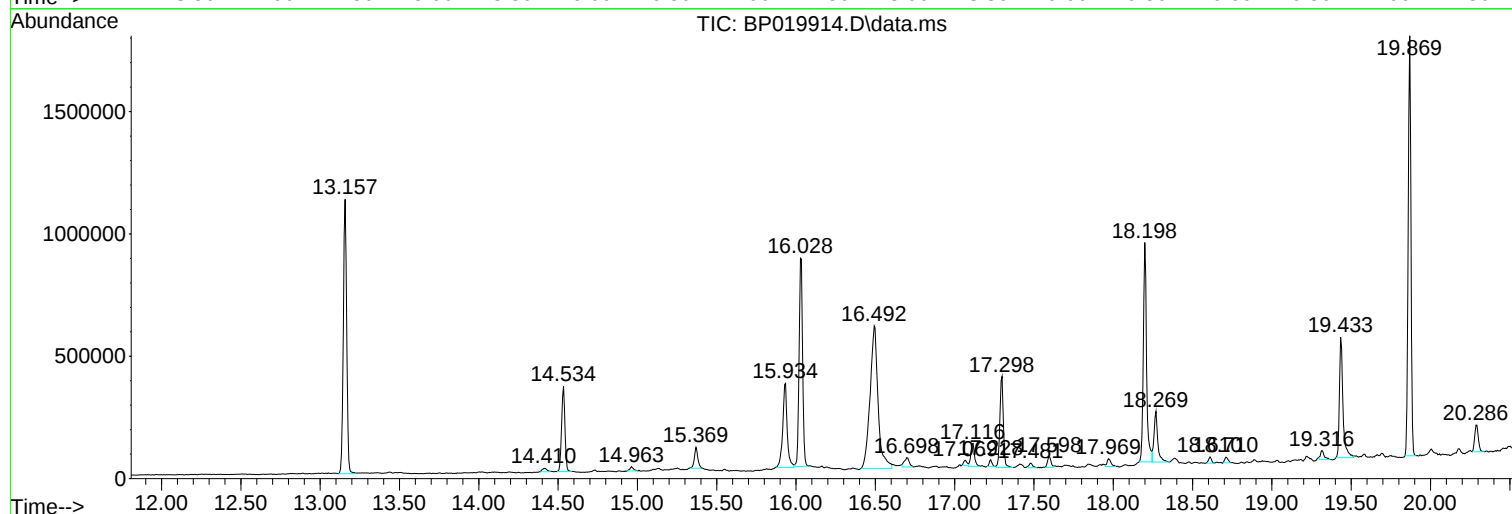
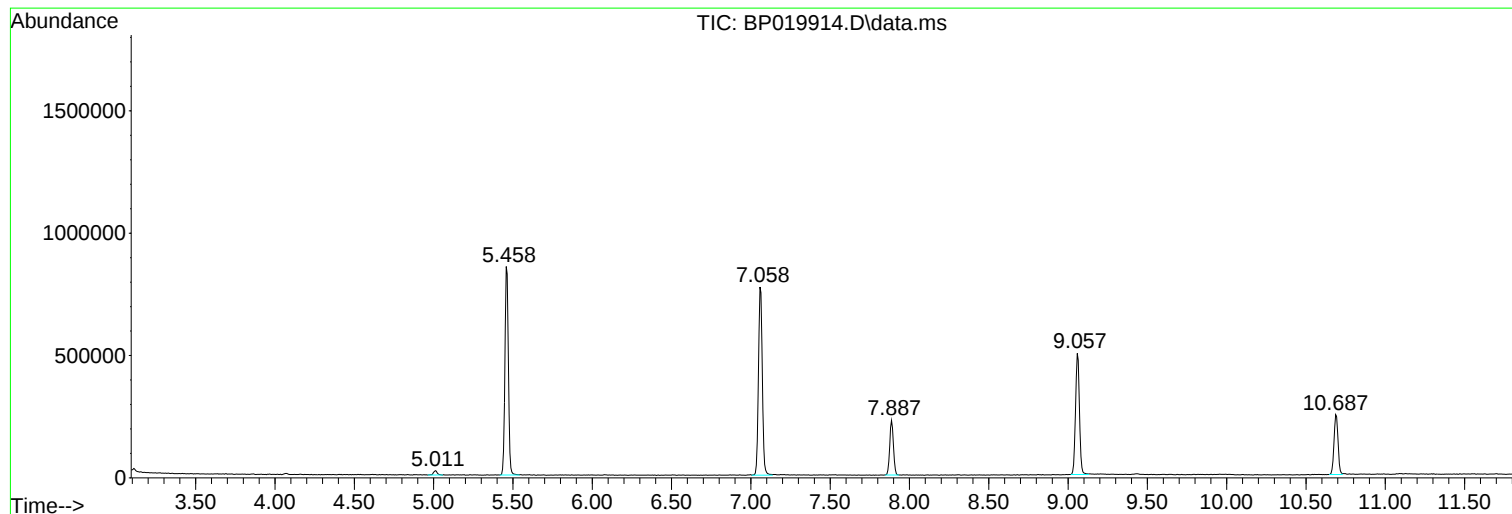
20241097-COMPOSITE-35N-N-4-02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019914.D
Acq On : 28 Feb 2024 13:48
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 8 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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019914.D
Acq On : 28 Feb 2024 13:48
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

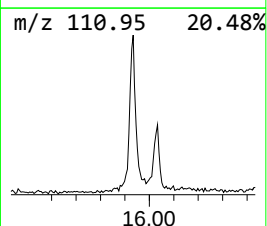
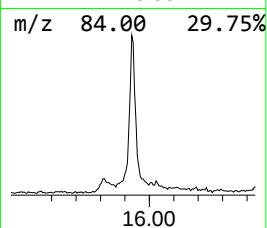
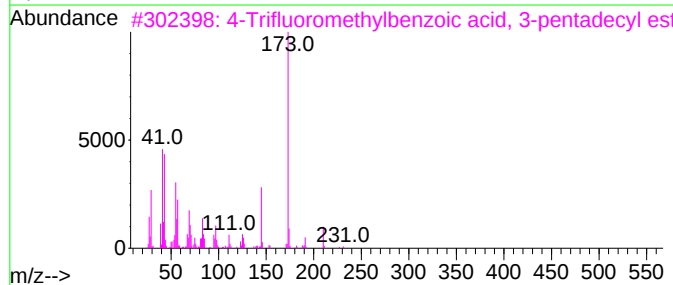
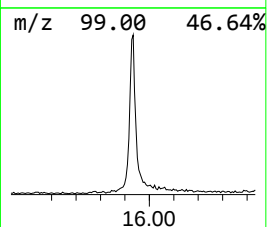
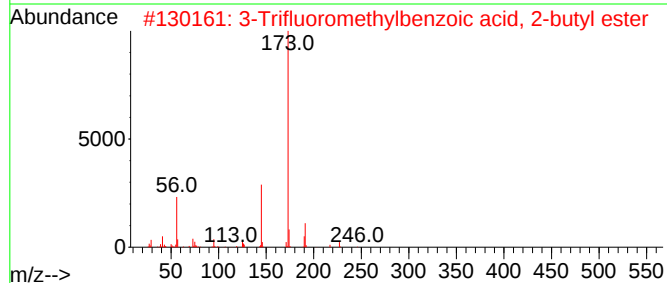
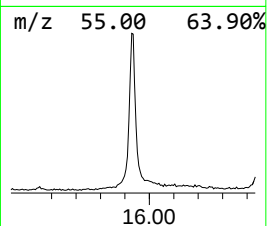
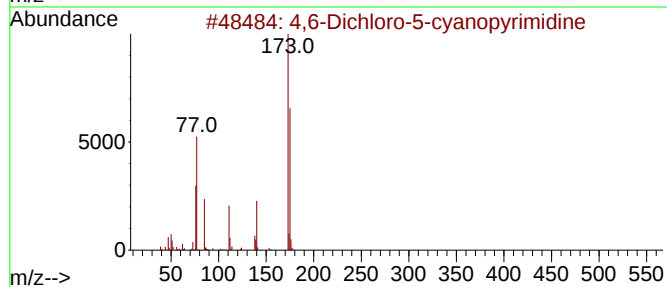
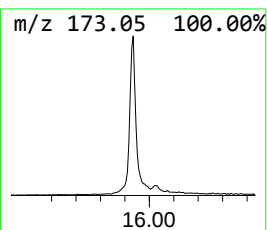
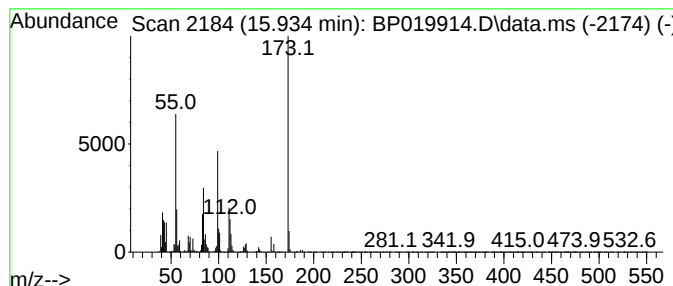
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown15.934 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.934	23.92 ng	672683	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,6-Dichloro-5-cyanopyrimidine	173	C5HCl2N3	005305-45-3	38
2			3-Trifluoromethylbenzoic acid, 2...	246	C12H13F3O2	1000282-68-1	38
3			4-Trifluoromethylbenzoic acid, 3...	400	C23H35F3O2	1000280-65-6	37
4			2,6-Difluoro-3-methylbenzoic aci...	354	C21H32F2O2	1000338-85-0	37
5			4-Trifluoromethylbenzoic acid. 4...	414	C24H37F3O2	1000283-03-4	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019914.D
Acq On : 28 Feb 2024 13:48
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

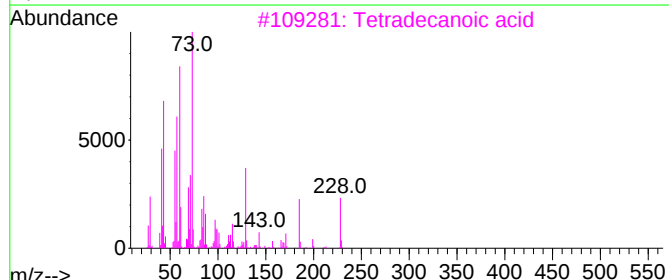
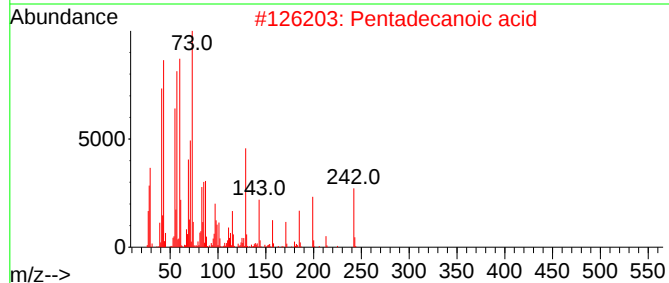
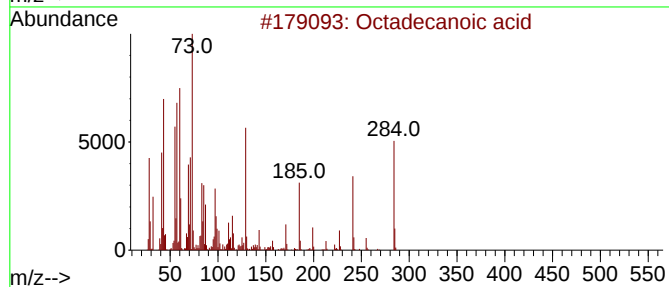
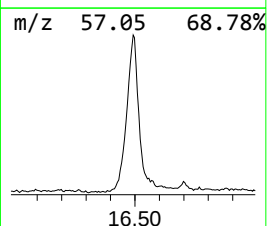
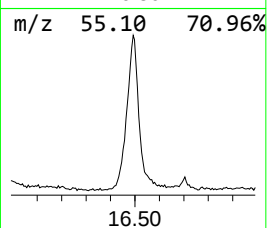
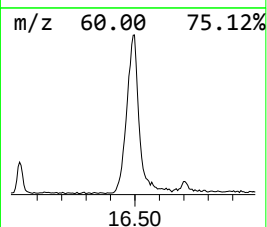
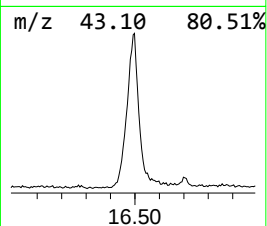
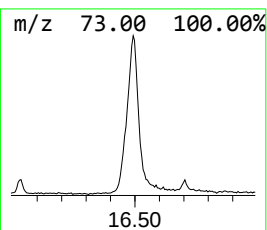
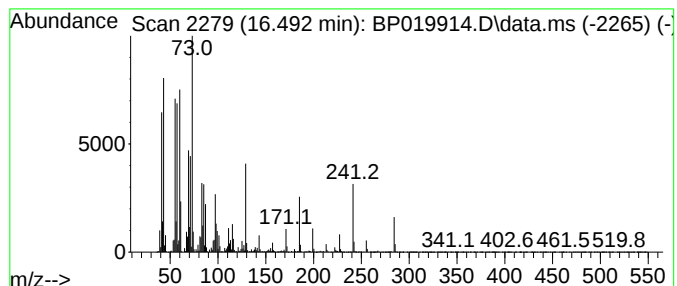
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.492	72.54 ng	2039910	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			Tridecanoic acid	214	C13H26O2	000638-53-9	68
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019914.D
Acq On : 28 Feb 2024 13:48
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

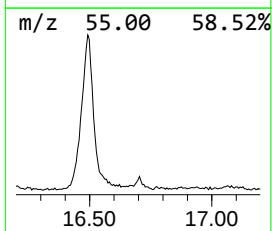
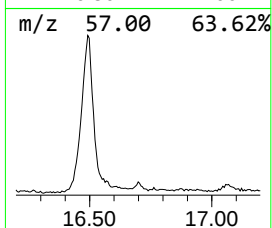
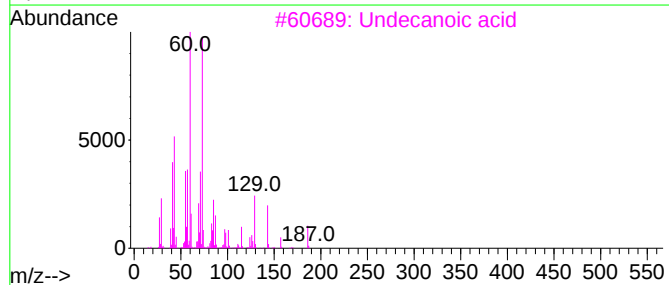
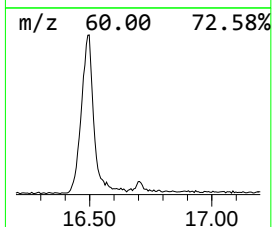
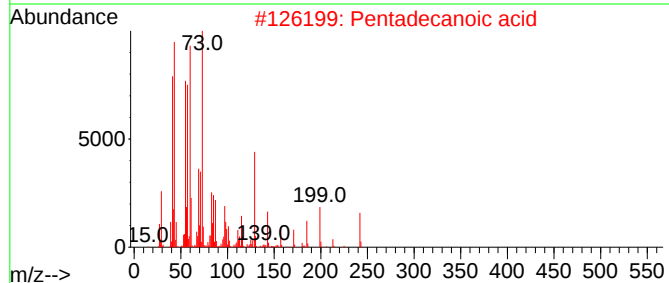
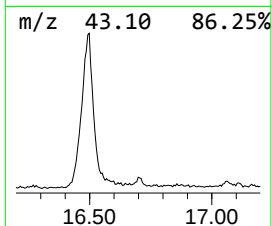
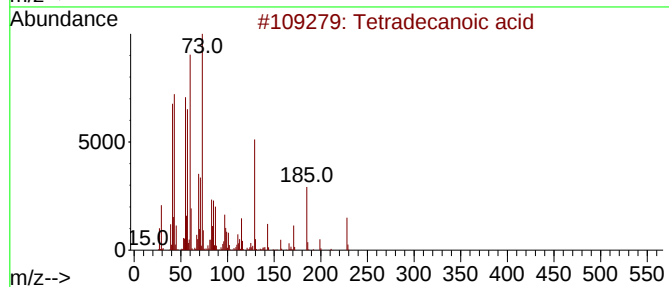
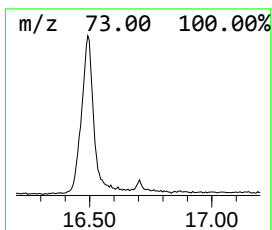
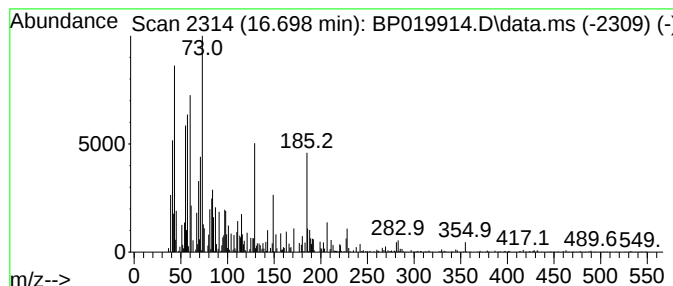
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.698	2.86 ng	80481	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3			Undecanoic acid	186	C11H22O2	000112-37-8	53
4			n-Decanoic acid	172	C10H20O2	000334-48-5	43
5			Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019914.D
Acq On : 28 Feb 2024 13:48
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

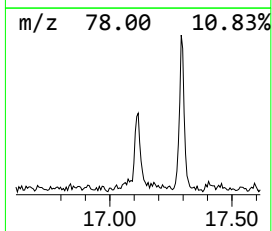
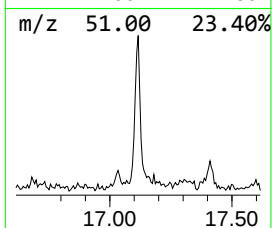
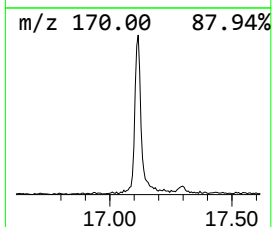
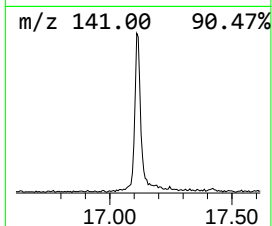
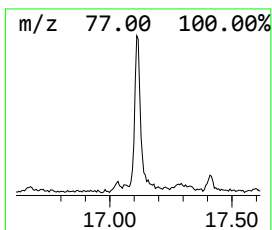
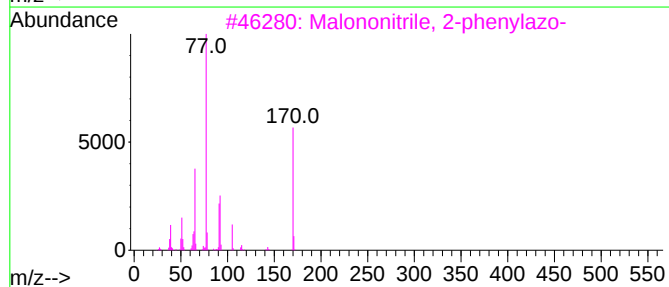
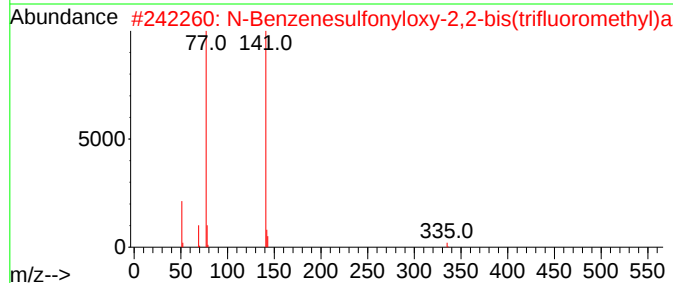
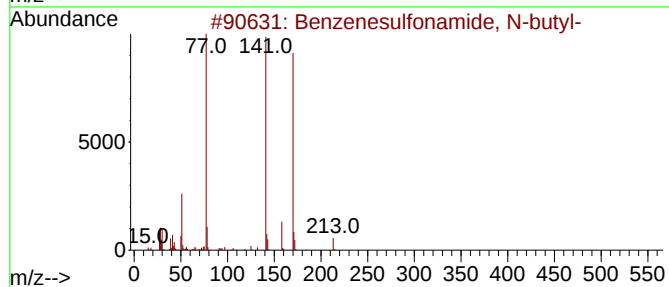
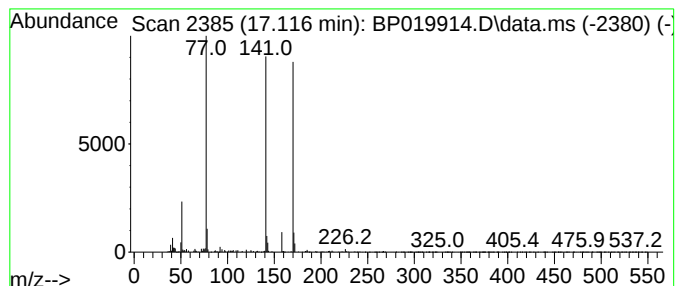
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzenesulfonamide, N-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	5.29 ng	148659	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	90
2			N-Benzenesulfonyloxy-2,2-bis(tri...	335	C10H7F6NO3S	055734-41-3	50
3			Malononitrile, 2-phenylazo-	170	C9H6N4	006017-21-6	49
4			N,N-Dichlorobenzenesulfonamide	225	C6H5Cl2NO2S	000473-29-0	47
5			[(Chloromethyl)sulfonyl]benzene	190	C7H7ClO2S	007205-98-3	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019914.D
Acq On : 28 Feb 2024 13:48
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

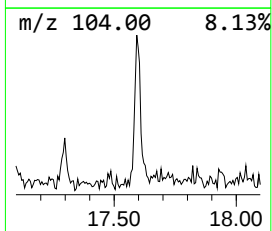
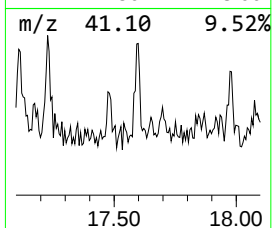
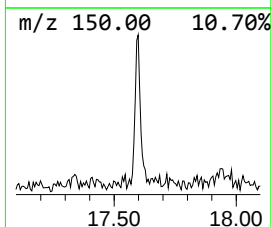
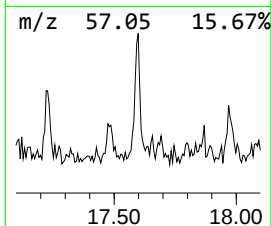
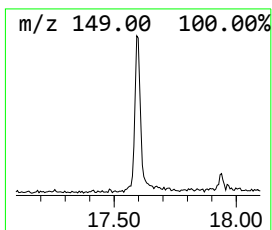
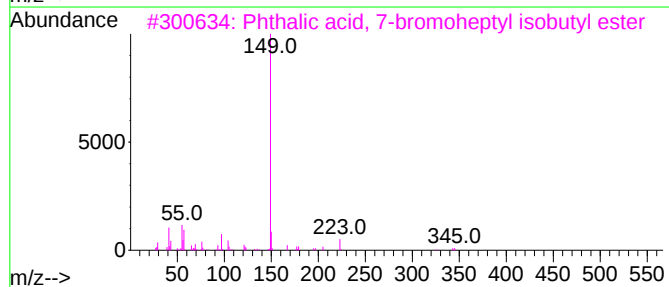
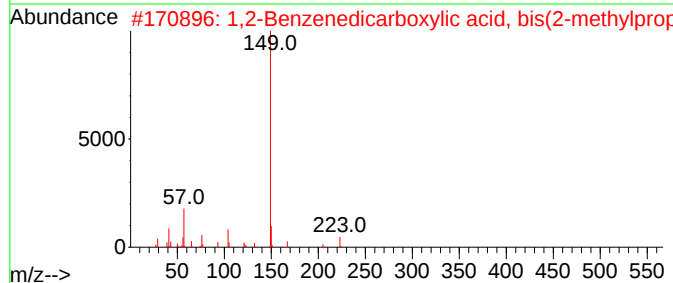
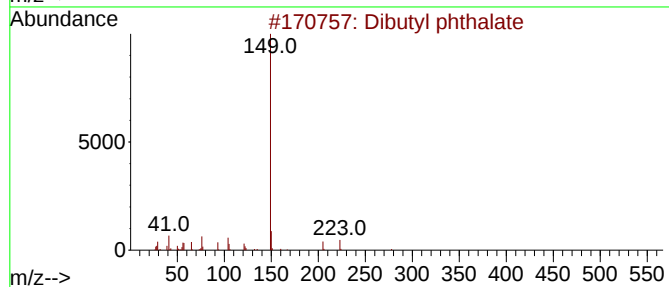
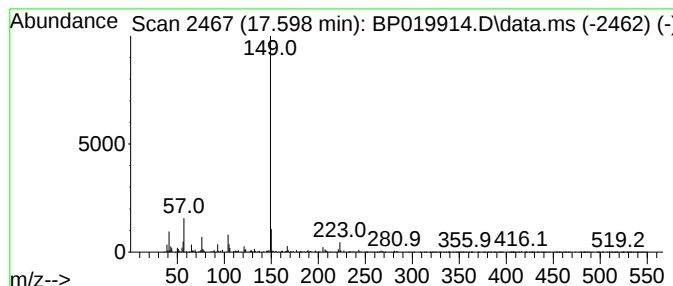
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1,2-Benzenedicarboxylic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.598	2.40 ng	67535	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibutyl phthalate	278	C16H22O4	000084-74-2	93
2			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	87
3			Phthalic acid, 7-bromoheptyl iso...	398	C19H27BrO4	1000415-51-7	86
4			1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	80
5			1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019914.D
Acq On : 28 Feb 2024 13:48
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

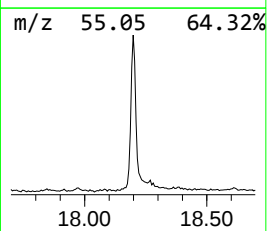
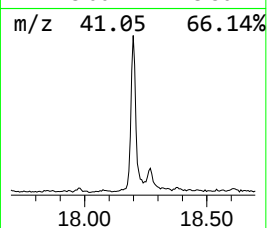
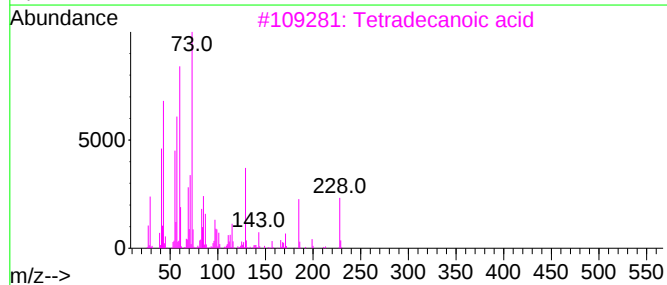
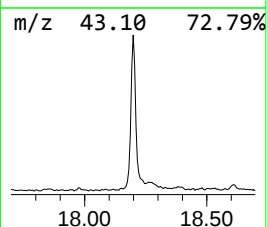
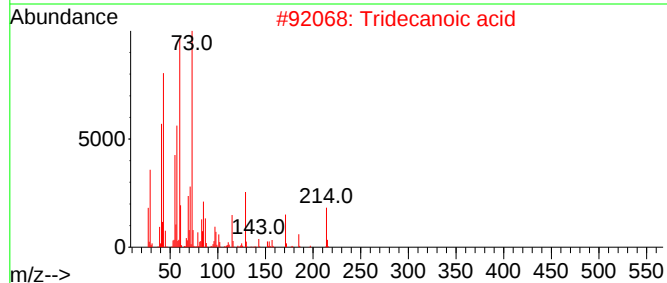
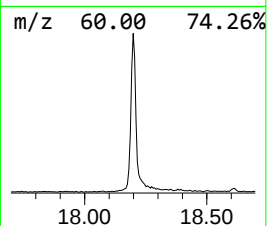
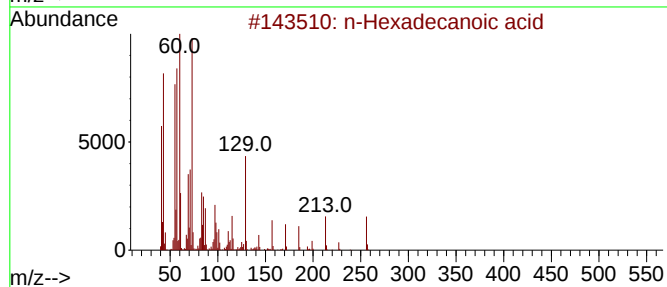
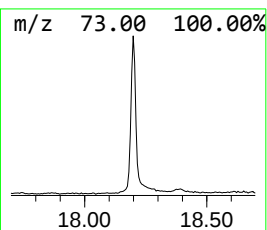
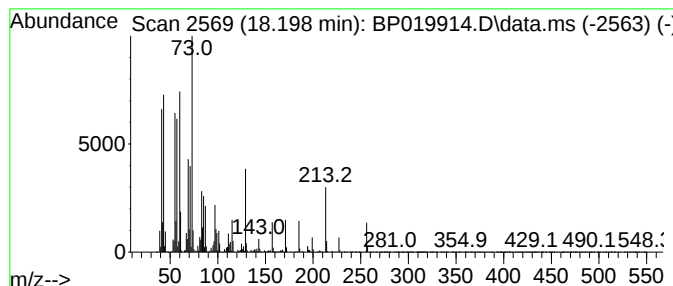
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	45.43 ng	1277440	Phenanthrene-d10	17.298

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	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019914.D
Acq On : 28 Feb 2024 13:48
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

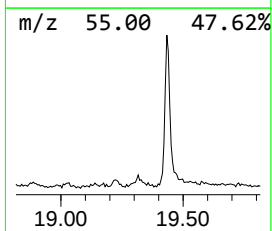
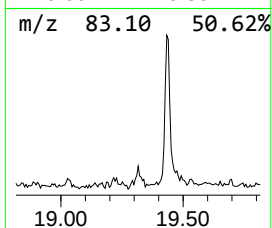
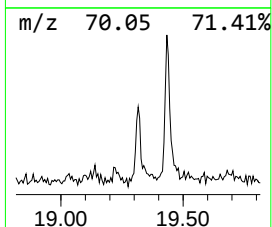
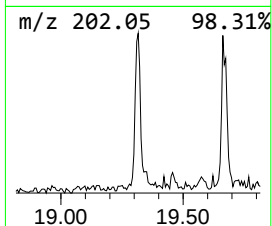
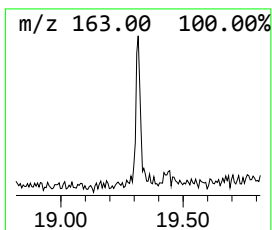
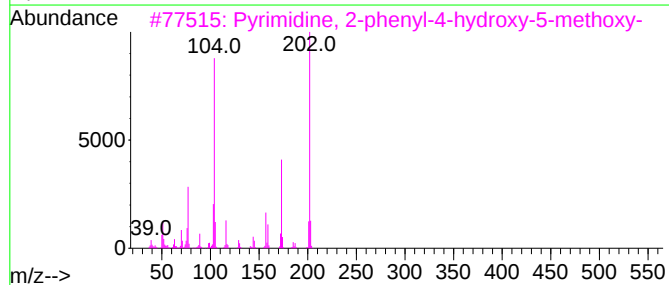
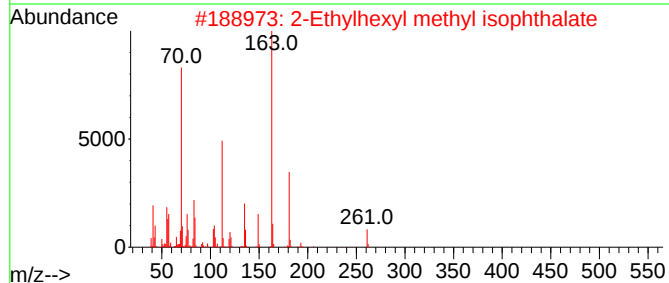
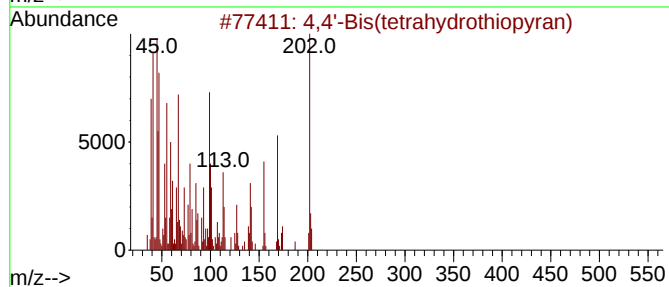
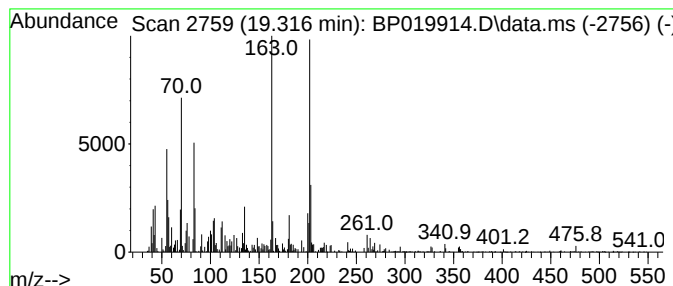
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.316	2.16 ng	60717	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	56
2			2-Ethylhexyl methyl isophthalate	292	C17H24O4	2135327-80-7	38
3			Pyrimidine, 2-phenyl-4-hydroxy-5...	202	C11H10N2O2	085386-21-6	18
4			Fluoranthene	202	C16H10	000206-44-0	18
5			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019914.D
Acq On : 28 Feb 2024 13:48
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

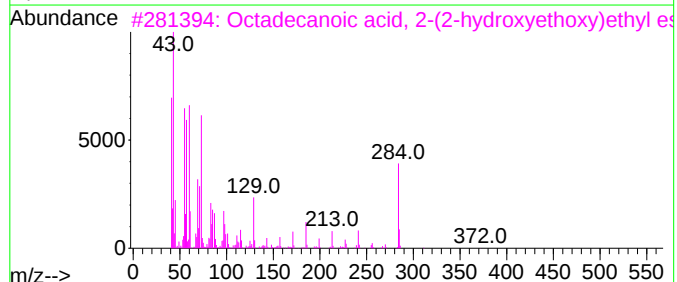
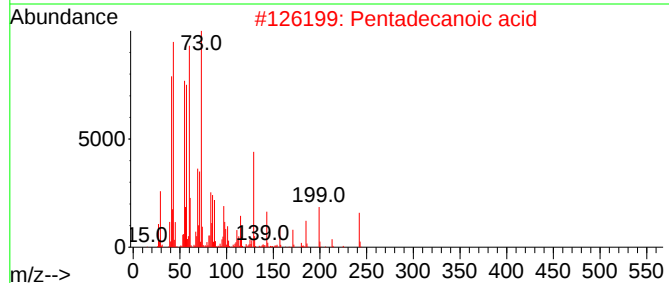
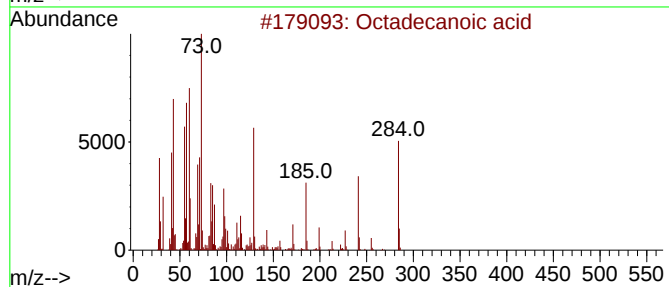
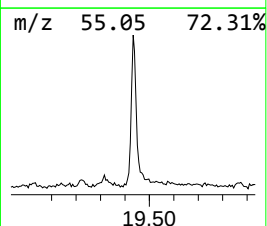
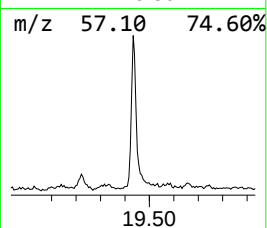
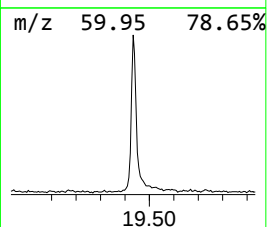
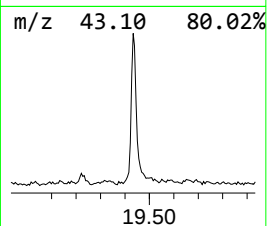
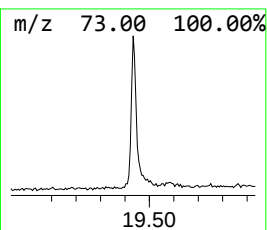
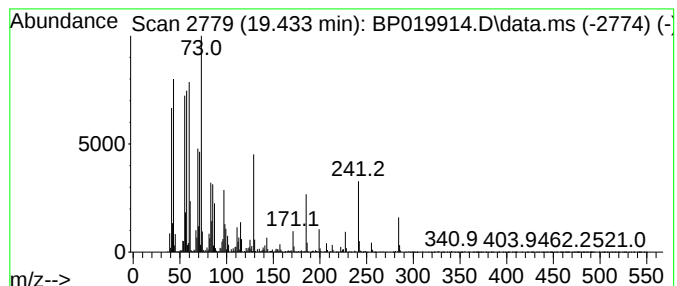
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	19.72 ng	751129	Chrysene-d12	21.398

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			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4			Undecanoic acid	186	C11H22O2	000112-37-8	74
5			Tridecanoic acid	214	C13H26O2	000638-53-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019914.D
Acq On : 28 Feb 2024 13:48
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

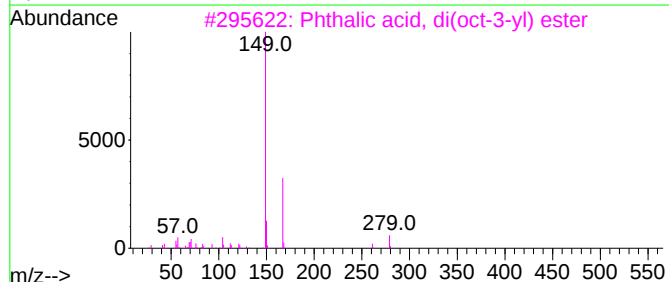
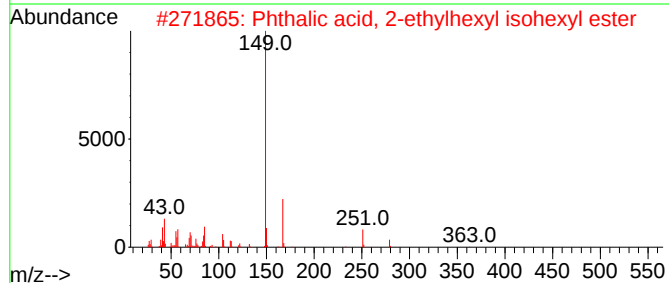
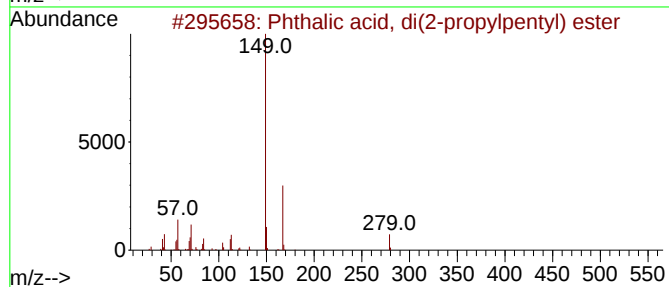
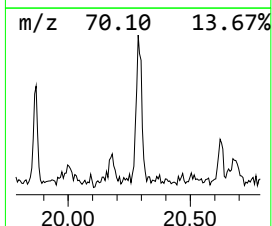
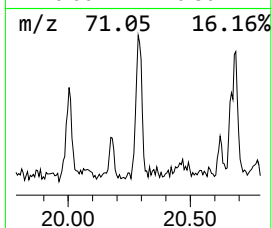
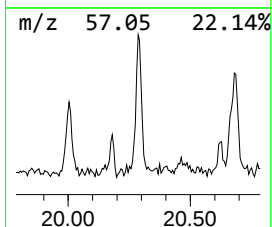
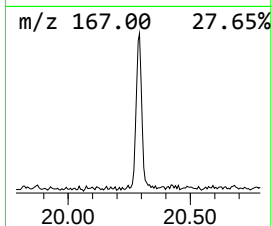
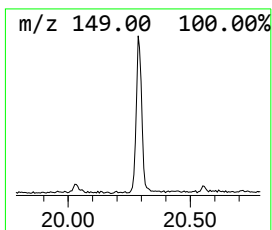
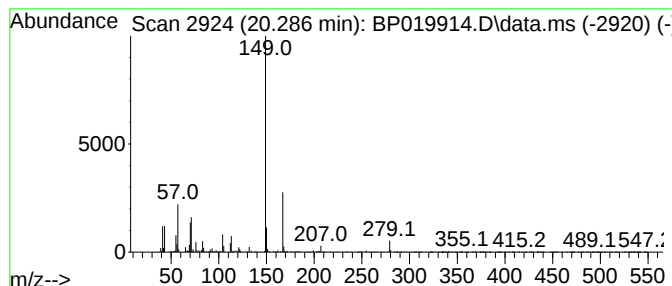
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phthalic acid, di(2-propylp... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	4.56 ng	173818	Chrysene-d12	21.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, di(2-propylpentyl)...	390	C24H38O4	1000377-93-5	86
2			Phthalic acid, 2-ethylhexyl isoh...	362	C22H34O4	1000308-98-5	80
3			Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	80
4			Phthalic acid, di(2-methylbutyl)...	306	C18H26O4	1000322-82-5	72
5			Phthalic acid, decyl 2-ethylhexy...	418	C26H42O4	1000309-00-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019914.D
Acq On : 28 Feb 2024 13:48
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

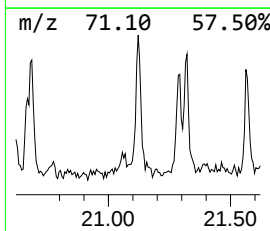
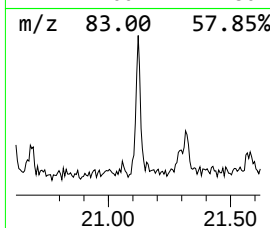
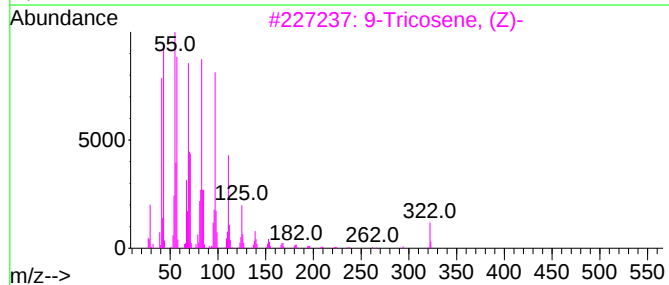
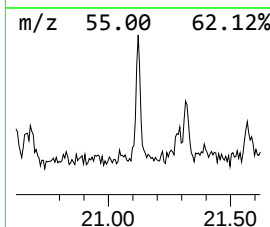
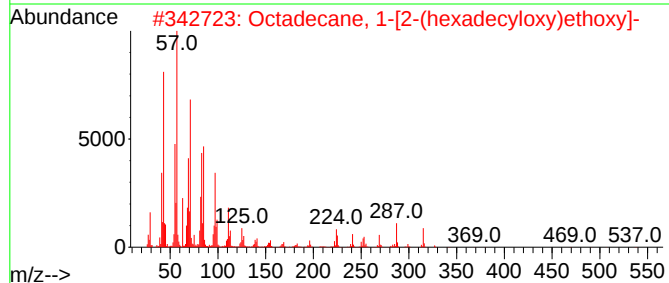
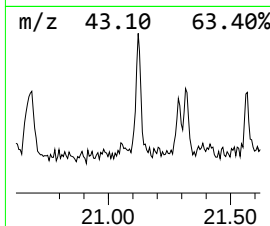
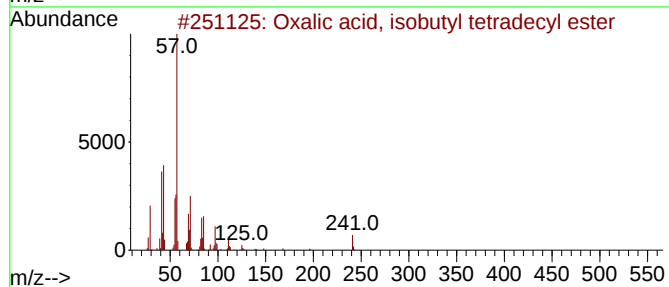
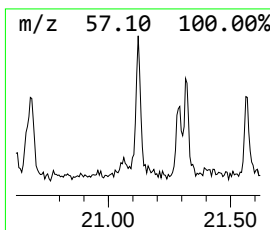
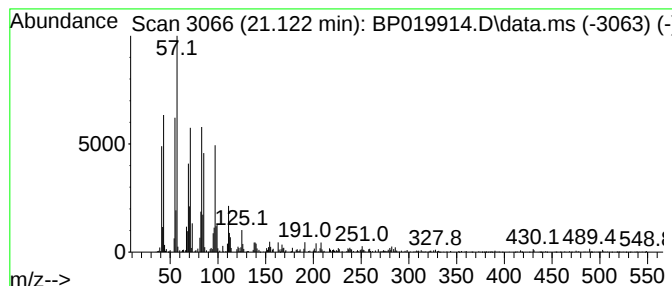
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Oxalic acid, isobutyl tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.122	2.76 ng	104966	Chrysene-d12	21.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	87
2			Octadecane, 1-[2-(hexadecyloxy)e...	539	C36H74O2	017367-10-1	86
3			9-Tricosene, (Z)-	322	C23H46	027519-02-4	83
4			1-Docosene	308	C22H44	001599-67-3	83
5			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019914.D
Acq On : 28 Feb 2024 13:48
Operator : MA/JU
Sample : P1538-02
Misc :
ALS Vial : 8 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
unknown15.934	15.934	23.9	ng	672683	4	17.298	562434	20.0
Octadecanoic acid	16.492	72.5	ng	2039910	4	17.298	562434	20.0
Tetradecanoic acid	16.698	2.9	ng	80481	4	17.298	562434	20.0
Benzenesulfonam...	17.116	5.3	ng	148659	4	17.298	562434	20.0
1,2-Benzenedica...	17.598	2.4	ng	67535	4	17.298	562434	20.0
n-Hexadecanoic ...	18.198	45.4	ng	1277440	4	17.298	562434	20.0
4,4'-Bis(tetrah...	19.316	2.2	ng	60717	4	17.298	562434	20.0
Pentadecanoic acid	19.433	19.7	ng	751129	5	21.398	761936	20.0
Phthalic acid, ...	20.286	4.6	ng	173818	5	21.398	761936	20.0
Oxalic acid, is...	21.122	2.8	ng	104966	5	21.398	761936	20.0