

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008351.D
 Acq On : 10 Dec 2021 21:07
 Operator : CG/JU
 Sample : M4965-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RED-CONCRETE-COMP-EXTERIOR

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-BP112521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008351.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.264	43	47	60	rBV4	20654	52344	1.54%	0.254%
2	5.358	397	403	422	rVB	1108807	1728778	50.73%	8.388%
3	6.952	667	674	686	rBV	951058	1698846	49.85%	8.243%
4	7.758	805	811	822	rBV	263625	416181	12.21%	2.019%
5	8.922	996	1009	1028	rBV	629177	1137901	33.39%	5.521%
6	10.381	1251	1257	1263	rBV2	29407	76508	2.24%	0.371%
7	10.558	1280	1287	1298	rBV	279407	510218	14.97%	2.476%
8	12.387	1591	1598	1615	rBV	122791	515539	15.13%	2.501%
9	13.028	1700	1707	1720	rBV	1495046	2220280	65.15%	10.773%
10	14.410	1935	1942	1957	rBV	394752	613018	17.99%	2.974%
11	14.704	1986	1992	2008	rBV	42748	119739	3.51%	0.581%
12	15.181	2066	2073	2079	rBV3	17920	50904	1.49%	0.247%
13	15.428	2108	2115	2122	rBV3	21100	48183	1.41%	0.234%
14	15.916	2191	2198	2221	rBV	1072891	1712051	50.24%	8.307%
15	17.175	2406	2412	2425	rBV	548354	808623	23.73%	3.924%
16	17.551	2471	2476	2482	rBV2	18504	36974	1.08%	0.179%
17	17.857	2524	2528	2532	rVB	33426	37241	1.09%	0.181%
18	18.087	2561	2567	2582	rBV	857899	1249949	36.68%	6.065%
19	18.939	2709	2712	2716	rBV	65456	79390	2.33%	0.385%
20	19.081	2732	2736	2741	rBV2	75199	104912	3.08%	0.509%
21	19.204	2753	2757	2770	rBV2	129157	216799	6.36%	1.052%
22	19.322	2772	2777	2786	rBV	631740	901414	26.45%	4.374%
23	19.392	2787	2789	2799	rVB2	48475	100788	2.96%	0.489%
24	19.581	2818	2821	2826	rBV	45951	61327	1.80%	0.298%
25	19.633	2827	2830	2836	rVB3	67868	75687	2.22%	0.367%
26	19.751	2844	2850	2861	rBV	2861011	3407988	100.00%	16.536%
27	20.063	2899	2903	2906	rBV	86449	105446	3.09%	0.512%
28	20.328	2945	2948	2952	rBV2	68161	70001	2.05%	0.340%
29	20.775	3020	3024	3030	rBV2	65281	108087	3.17%	0.524%
30	20.998	3059	3062	3065	rBV3	83017	116071	3.41%	0.563%
31	21.286	3106	3111	3117	rBV	754612	985917	28.93%	4.784%
32	22.522	3318	3321	3328	rVB	108040	159312	4.67%	0.773%
33	23.669	3510	3516	3527	rVB2	523425	1083274	31.79%	5.256%

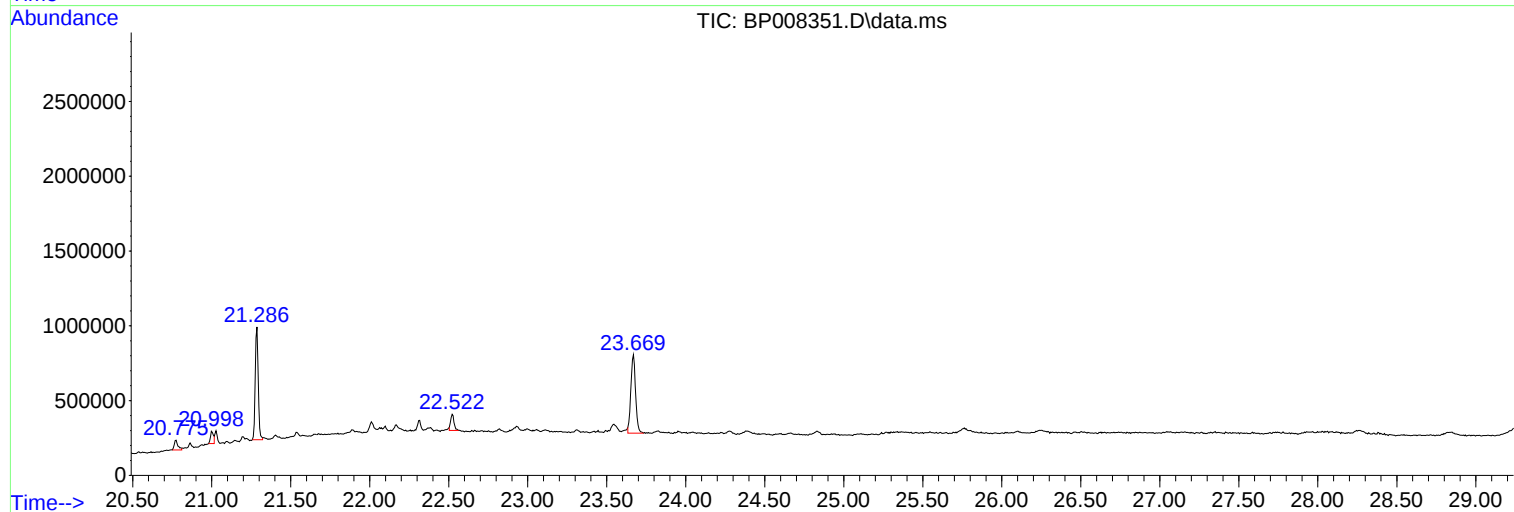
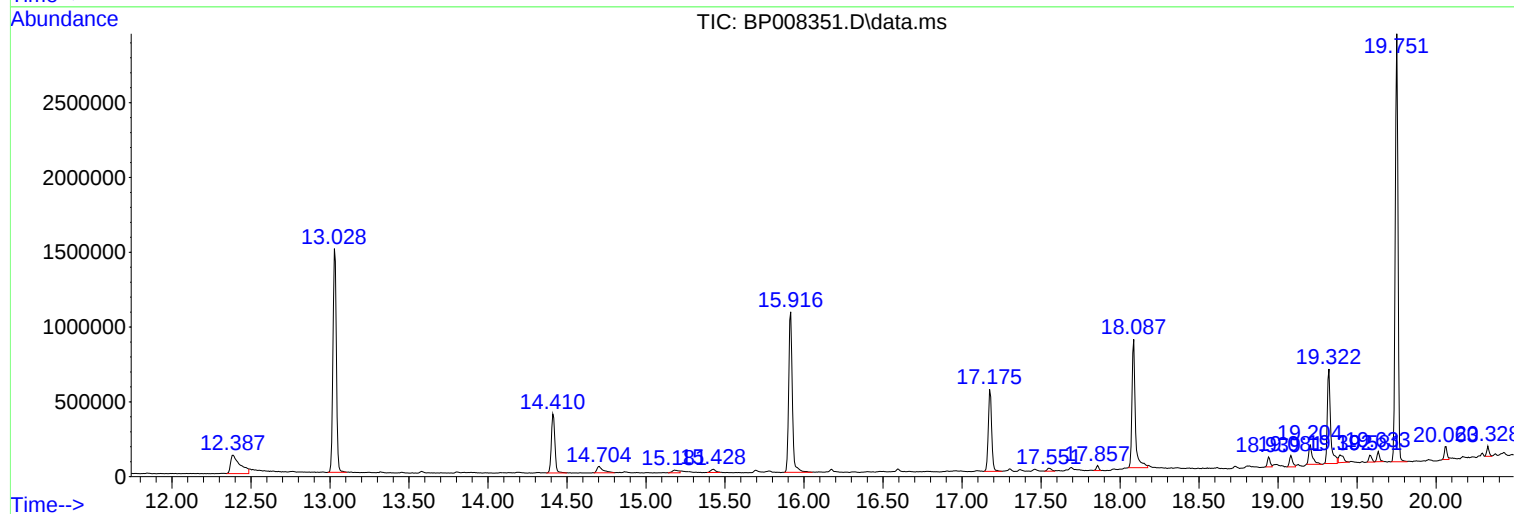
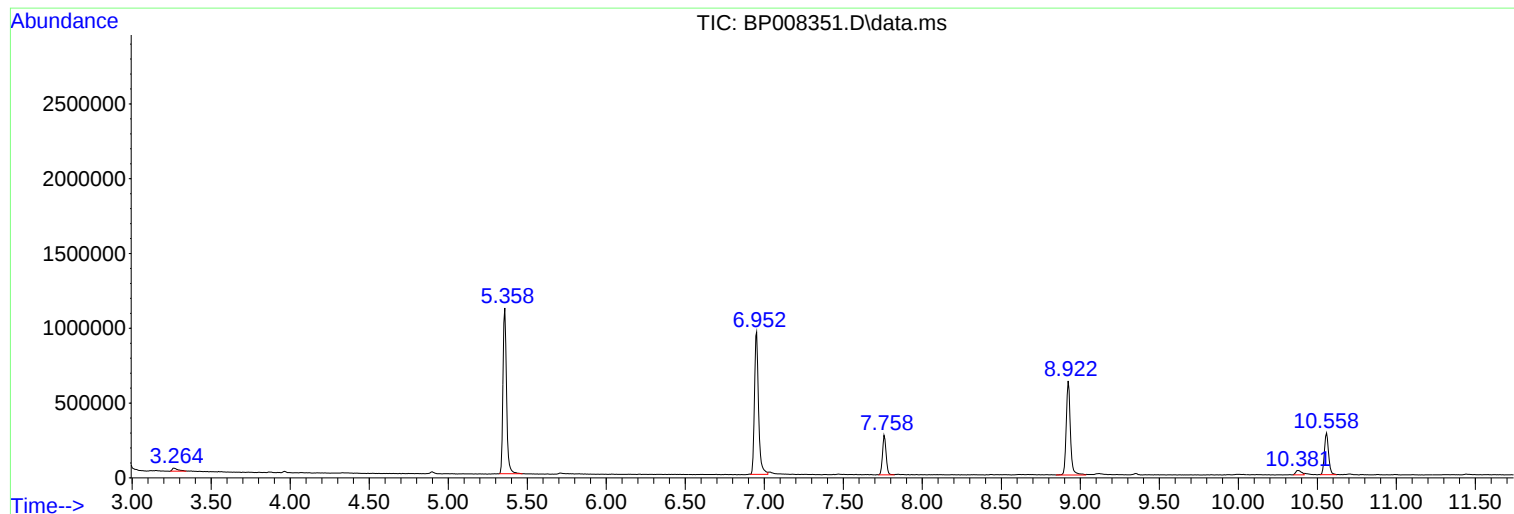
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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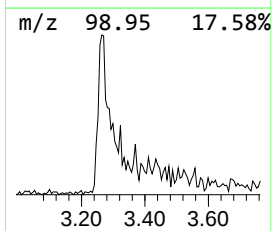
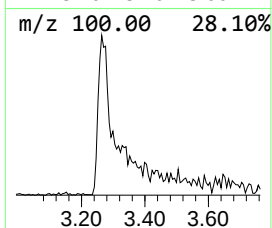
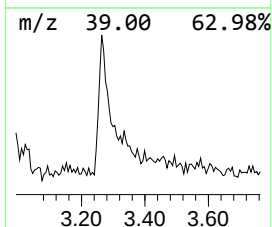
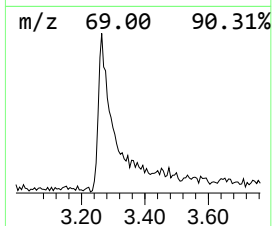
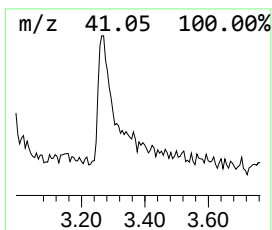
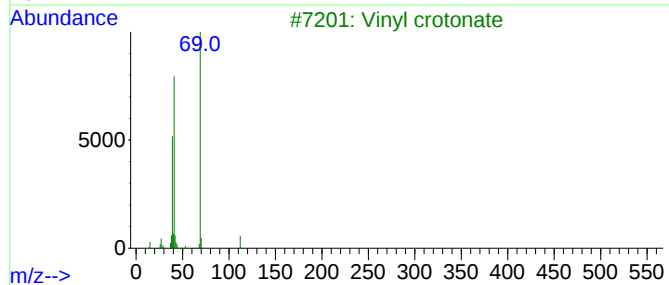
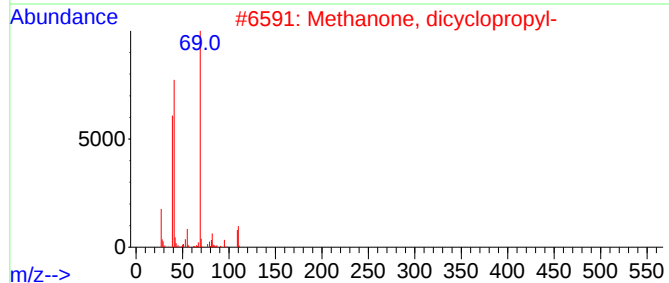
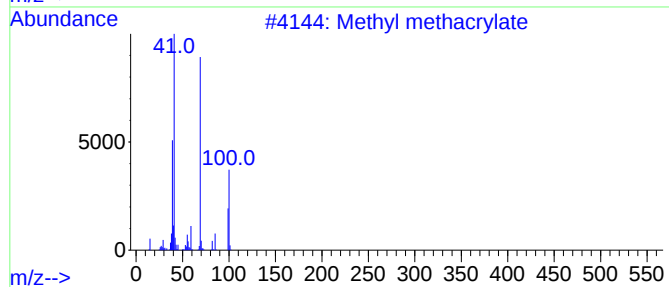
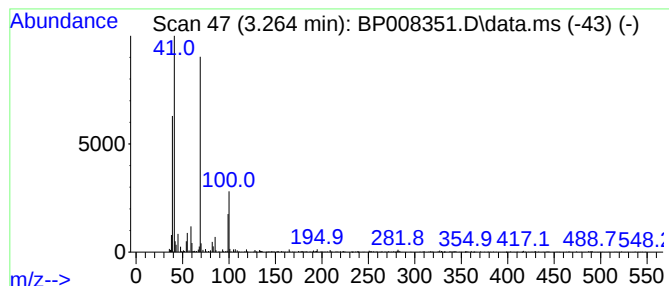
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Methyl methacrylate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.264	2.52 ng	52344	1,4-Dichlorobenzene-d4	7.758

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl methacrylate	100	C5H8O2	000080-62-6	70
2			Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	53
3			Vinyl crotonate	112	C6H8O2	014861-06-4	53
4			2-Propenoic acid, 2-methyl-, 3-h...	144	C7H12O3	002761-09-3	43
5			N-Methyl methacrylamide	99	C5H9NO	003887-02-3	42



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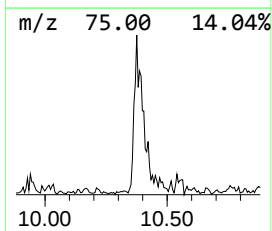
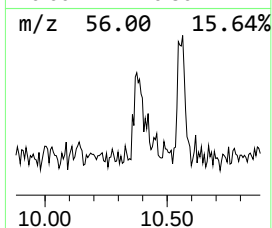
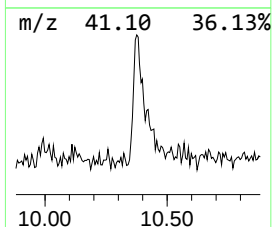
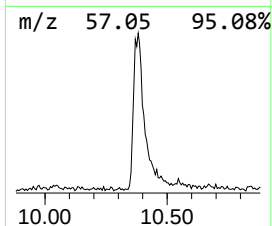
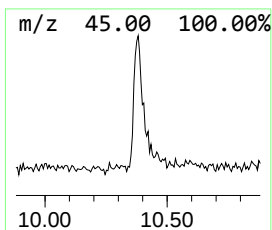
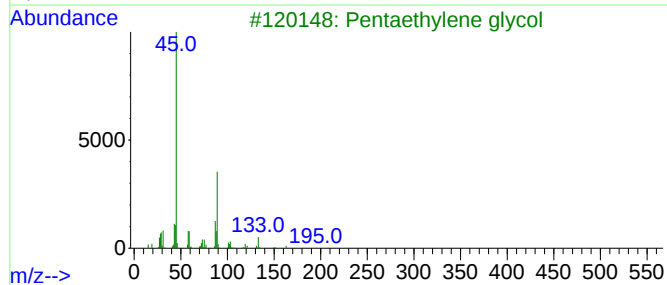
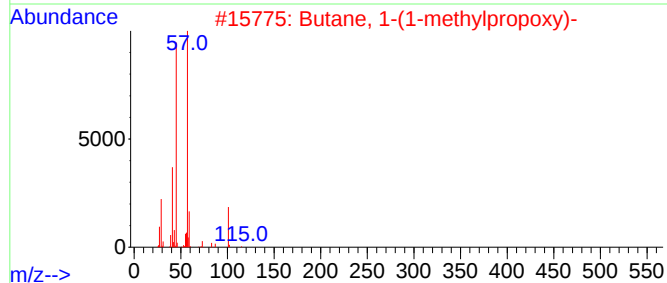
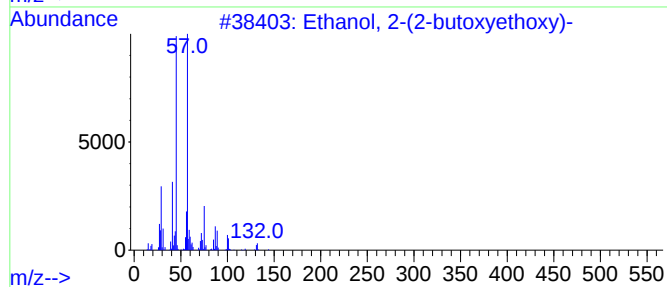
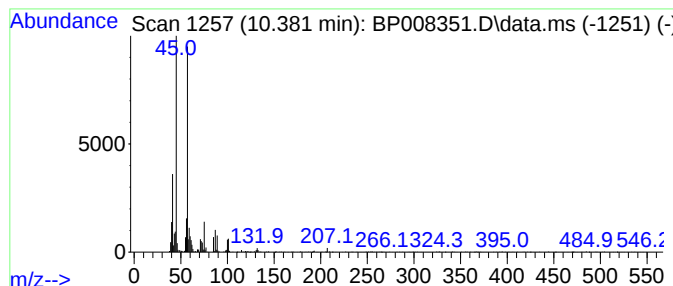
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Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.381	3.00 ng	76508	Naphthalene-d8	10.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2			Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	64
3			Pentaethylene glycol	238	C10H22O6	004792-15-8	59
4			12-[Trifluoromethyl]-3,6,9-triox...	274	C11H21F3O4	1000213-34-5	59
5			Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	59



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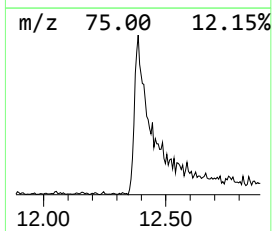
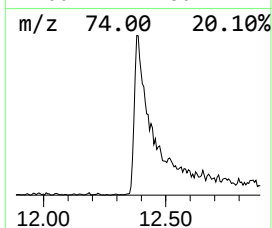
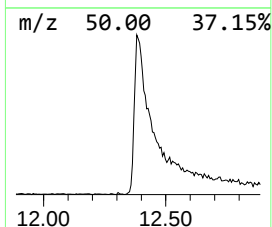
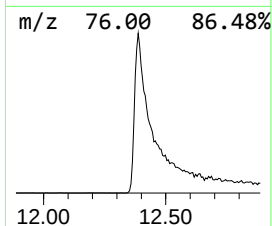
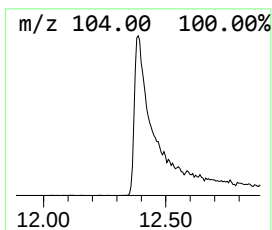
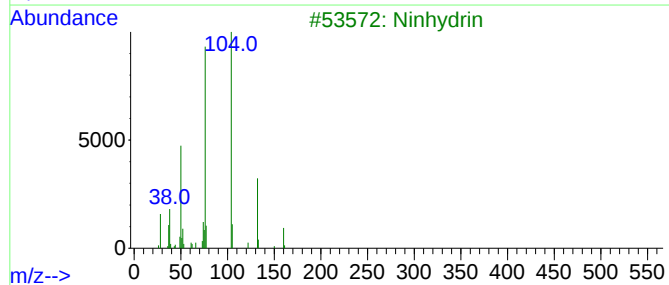
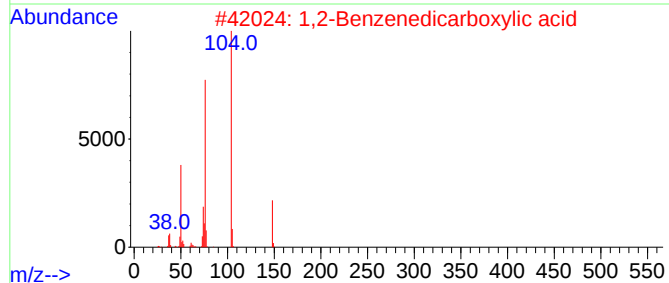
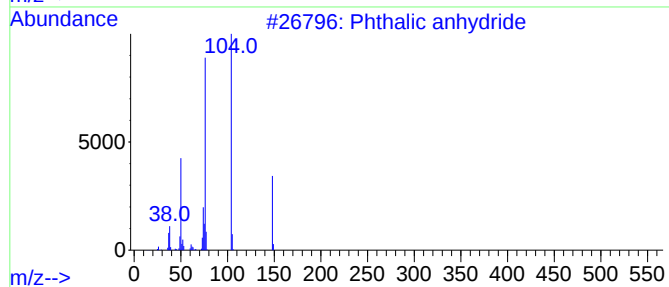
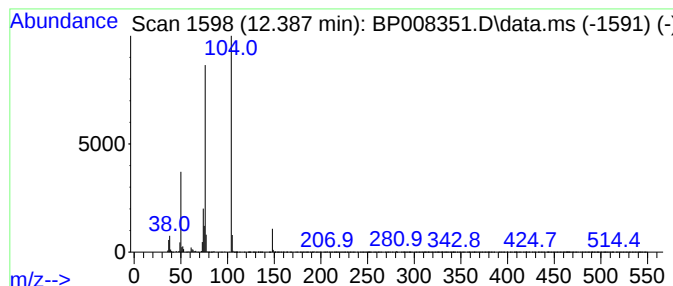
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Phthalic anhydride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.387	20.21 ng	515539	Naphthalene-d8	10.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic anhydride	148	C8H4O3	000085-44-9	95
2			1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
3			Ninhydrin	178	C9H6O4	000485-47-2	83
4			Indan-1,2,3-trione	160	C9H4O3	000938-24-9	83
5			Bicyclo[4.2.0]octa-1,3,5-triene...	132	C8H4O2	006383-11-5	80



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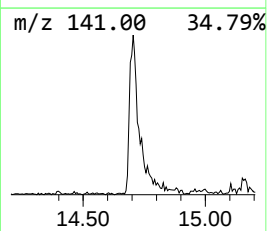
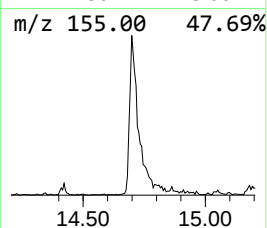
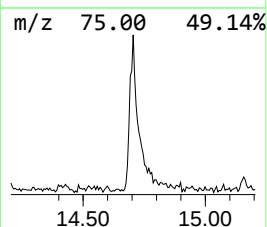
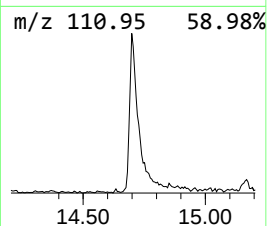
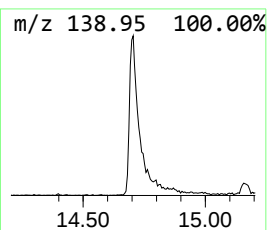
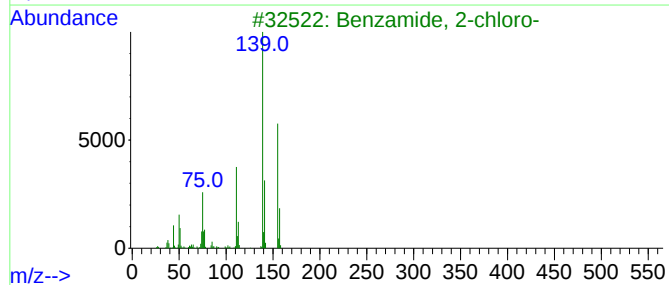
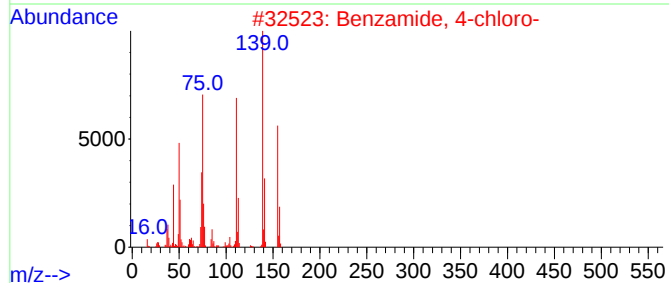
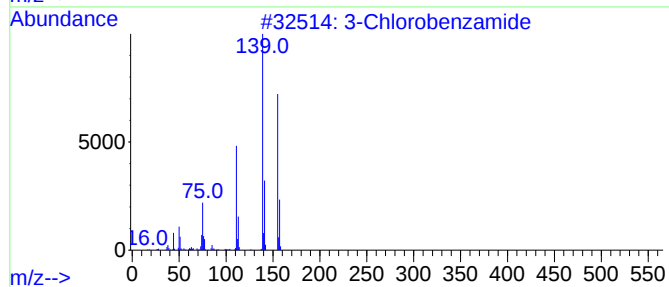
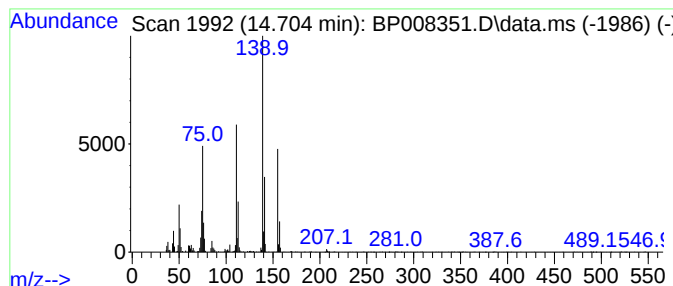
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Peak Number 4 3-Chlorobenzamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.704	3.91 ng	119739	Acenaphthene-d10	14.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Chlorobenzamide	155	C7H6ClNO	000618-48-4	97
2		Benzamide, 4-chloro-	155	C7H6ClNO	000619-56-7	96
3		Benzamide, 2-chloro-	155	C7H6ClNO	000609-66-5	94
4		Benzoyl chloride, 4-chloro-	174	C7H4Cl2O	000122-01-0	93
5		Acetic acid, 2-(4-chlorobenzoyla...	289	C15H12ClNO3	028172-56-7	91



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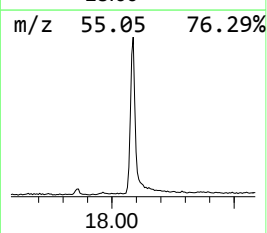
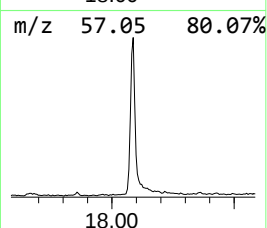
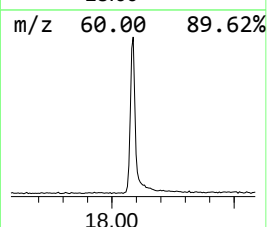
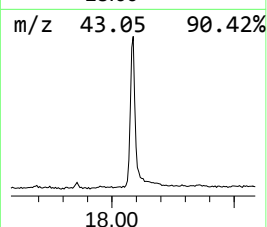
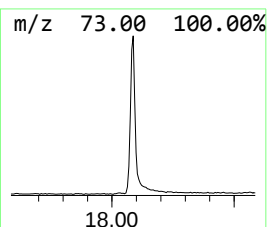
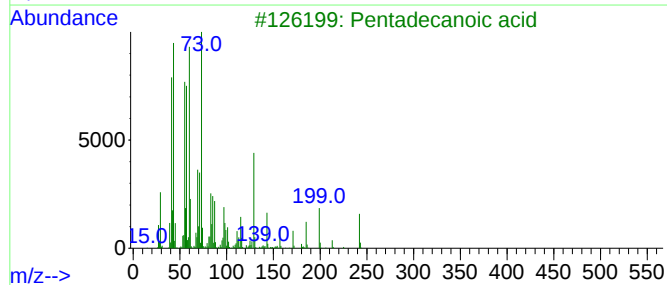
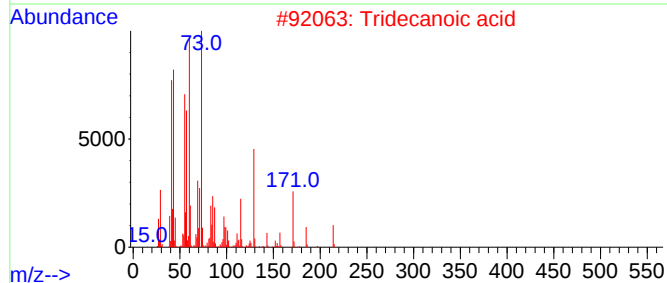
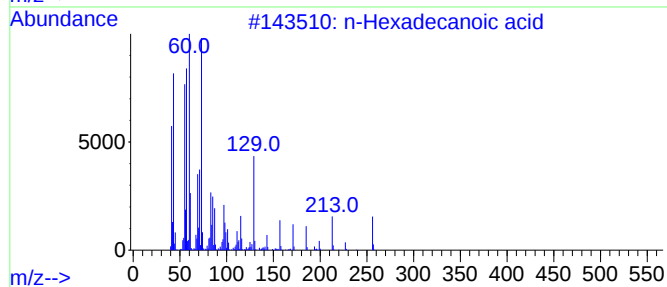
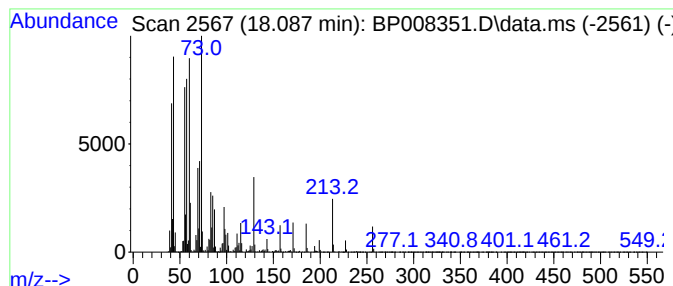
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.087	30.92 ng	1249950	Phenanthrene-d10	17.175

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	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60



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ClientSampleId :
RED-CONCRETE-COMP-EXTERIOR

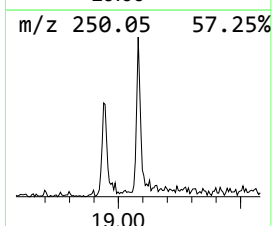
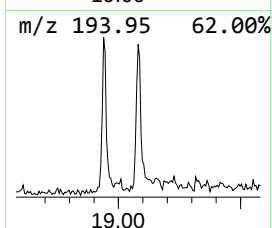
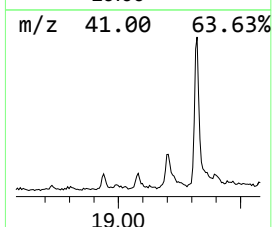
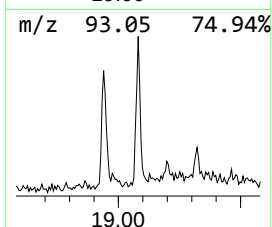
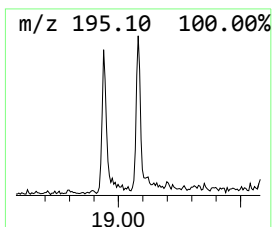
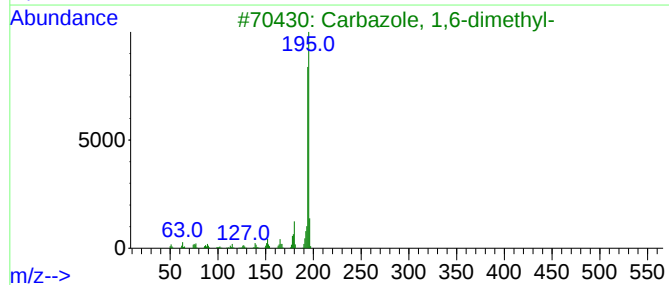
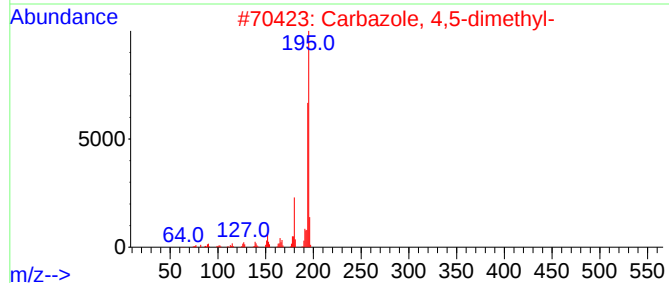
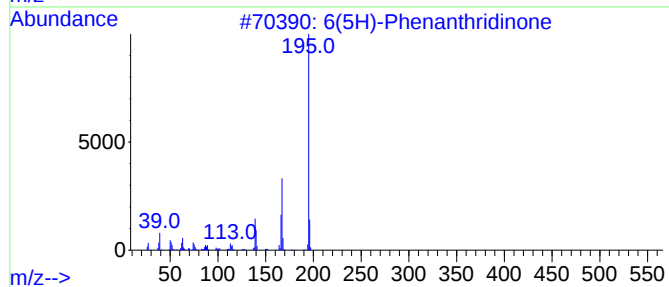
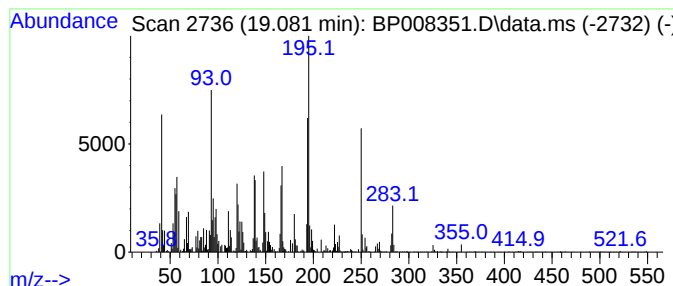
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown19.081 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.081	2.59 ng	104912	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone			195	C13H9NO	001015-89-0	38
2	Carbazole, 4,5-dimethyl-			195	C14H13N	018992-66-0	38
3	Carbazole, 1,6-dimethyl-			195	C14H13N	078787-77-6	30
4	Cyclopropyl-naphthalen-1-ylmethyl...			195	C14H13N	1000211-15-6	30
5	Carbazole, 3,5-dimethyl-			195	C14H13N	078787-81-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008351.D
Acq On : 10 Dec 2021 21:07
Operator : CG/JU
Sample : M4965-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RED-CONCRETE-COMP-EXTERIOR

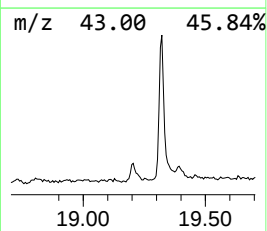
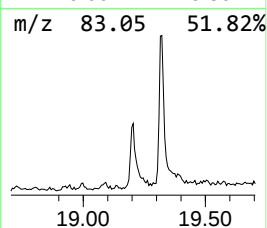
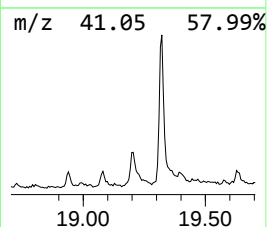
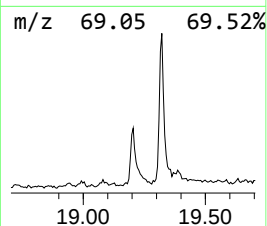
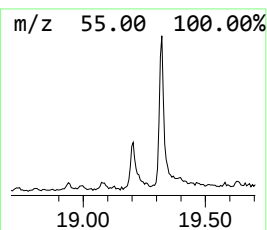
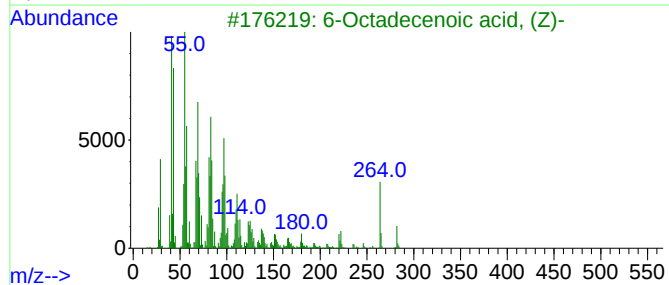
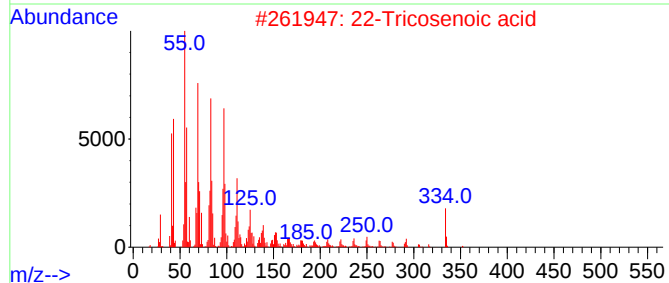
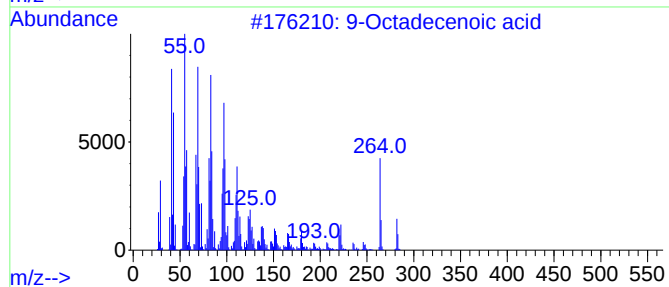
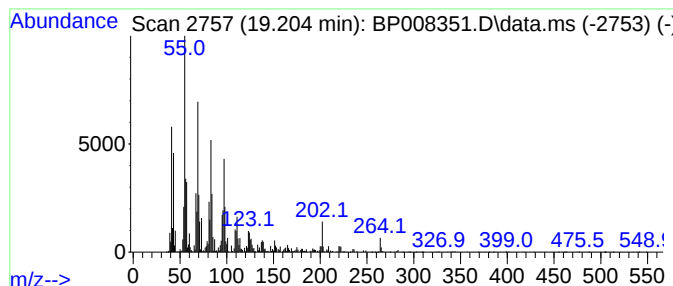
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9-Octadecenoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.204	5.36 ng	216799	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid	282	C18H34O2	002027-47-6	93
2			22-Tricosenoic acid	352	C23H44O2	065119-95-1	91
3			6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	81
4			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	81
5			Oleic Acid	282	C18H34O2	000112-80-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008351.D
Acq On : 10 Dec 2021 21:07
Operator : CG/JU
Sample : M4965-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RED-CONCRETE-COMP-EXTERIOR

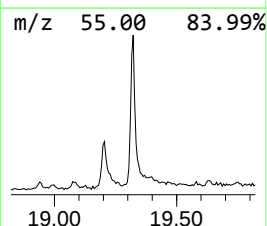
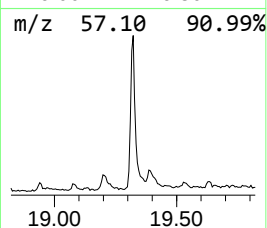
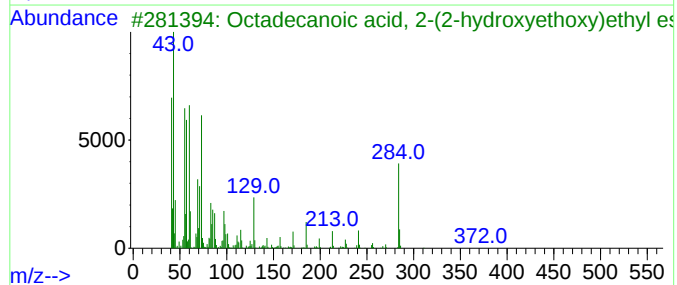
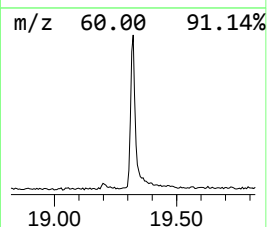
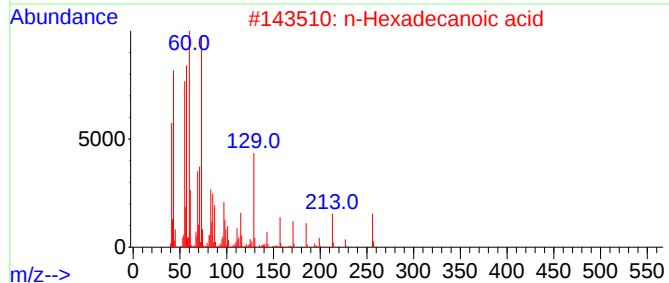
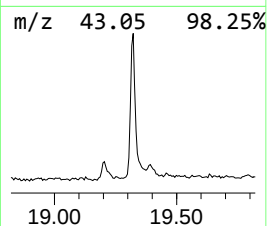
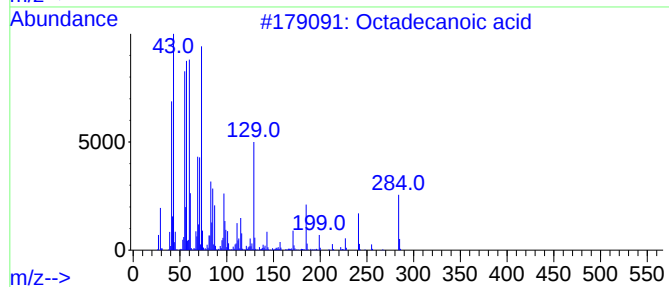
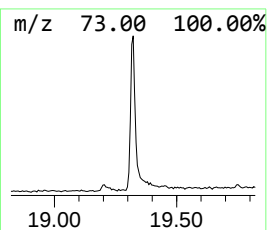
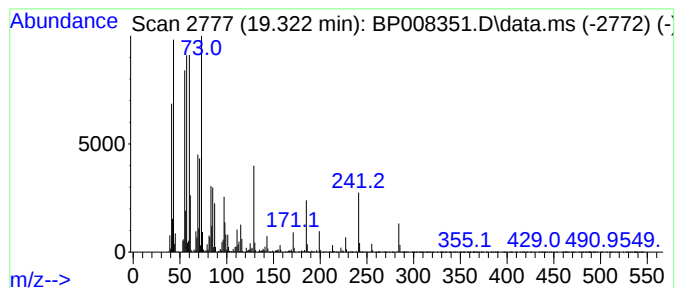
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.322	18.29 ng	901414	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008351.D
Acq On : 10 Dec 2021 21:07
Operator : CG/JU
Sample : M4965-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RED-CONCRETE-COMP-EXTERIOR

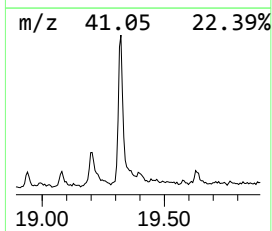
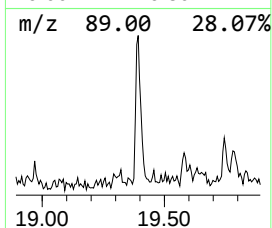
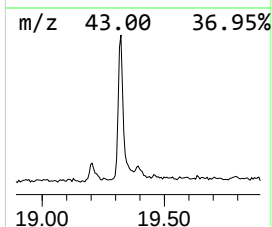
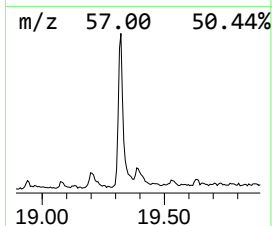
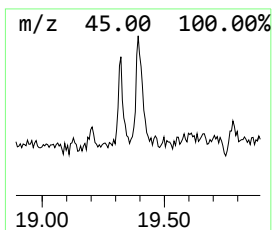
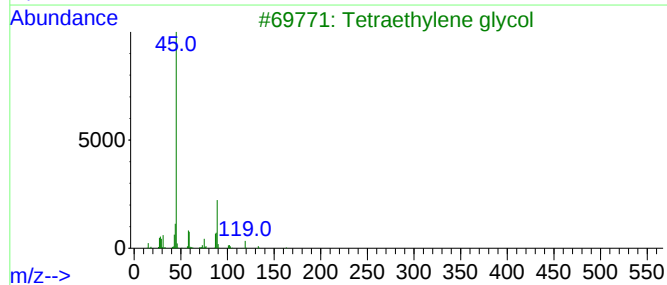
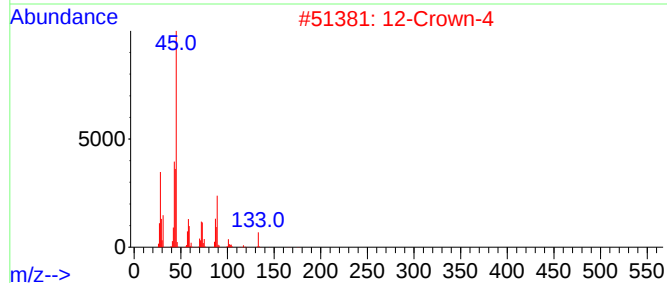
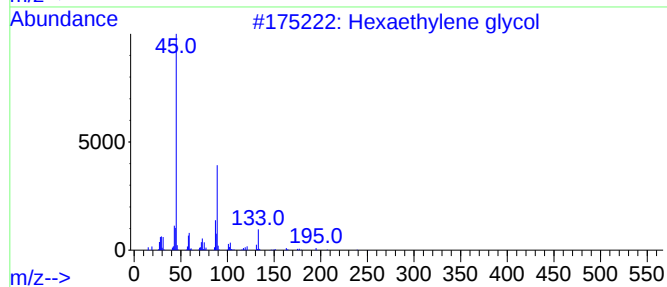
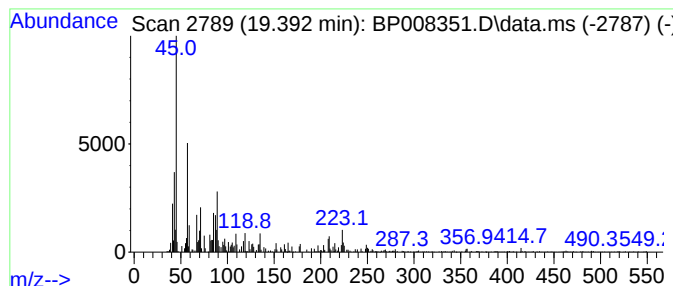
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexaethylene glycol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	2.04 ng	100788	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexaethylene glycol	282	C12H26O7	002615-15-8	64
2			12-Crown-4	176	C8H16O4	000294-93-9	64
3			Tetraethylene glycol	194	C8H18O5	000112-60-7	64
4			Pentaethylene glycol	238	C10H22O6	004792-15-8	64
5			Tetraethylene glycol monododecyl...	362	C20H42O5	005274-68-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008351.D
Acq On : 10 Dec 2021 21:07
Operator : CG/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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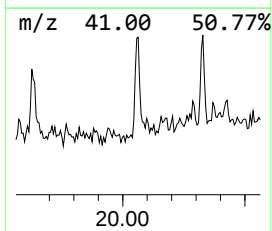
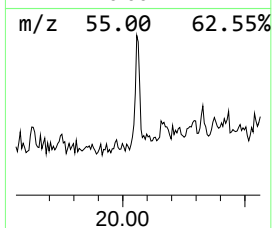
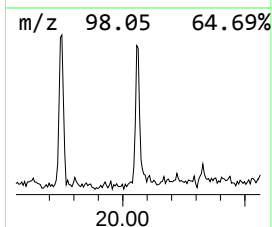
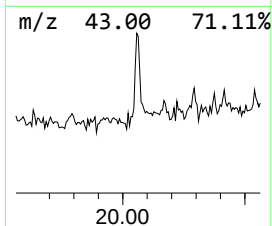
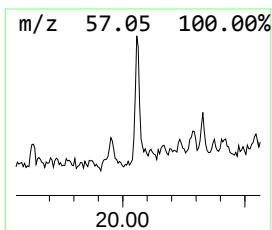
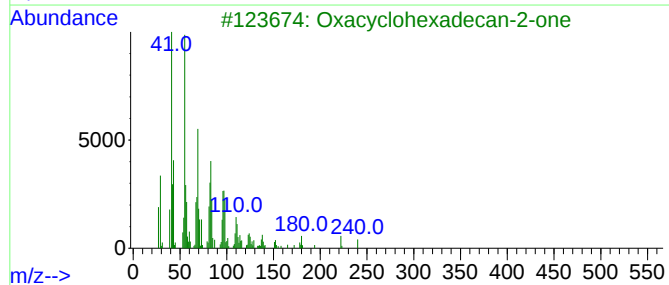
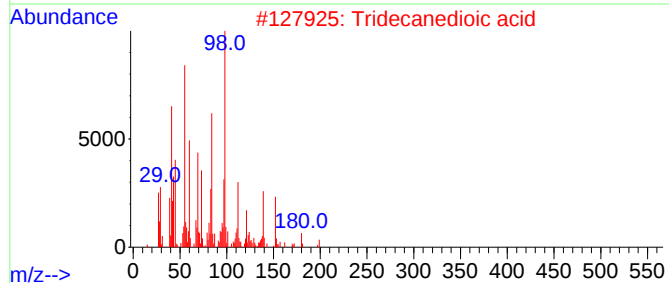
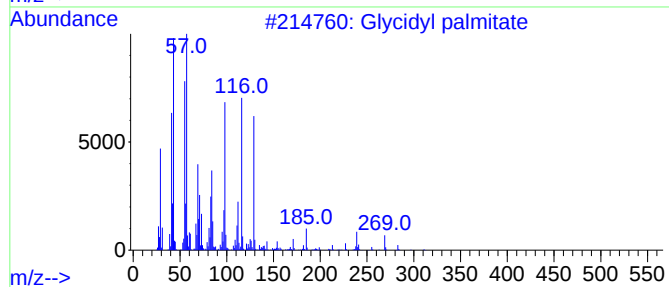
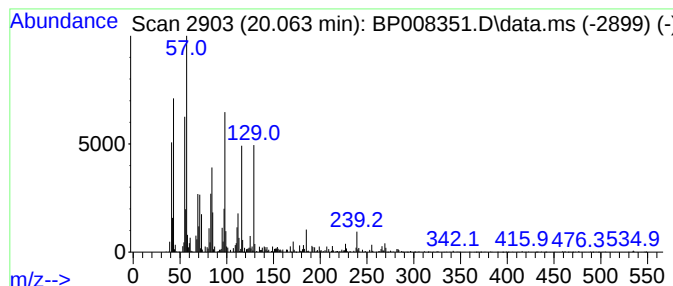
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Glycidyl palmitate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.063	2.14 ng	105446	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Glycidyl palmitate	312	C19H36O3	007501-44-2	95
2			Tridecanedioic acid	244	C13H24O4	000505-52-2	38
3			Oxacyclohexadecan-2-one	240	C15H28O2	000106-02-5	25
4			1-(3-Aminopropyl)-2-pipecoline	156	C9H20N2	025560-00-3	11
5			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008351.D
Acq On : 10 Dec 2021 21:07
Operator : CG/JU
Sample : M4965-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RED-CONCRETE-COMP-EXTERIOR

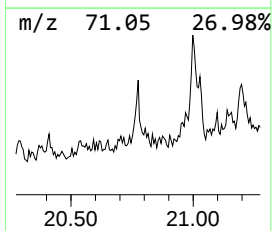
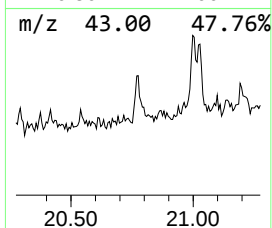
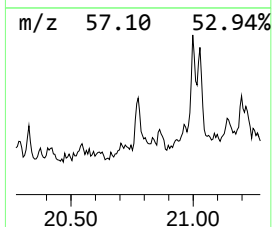
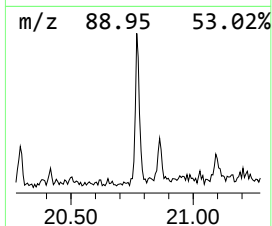
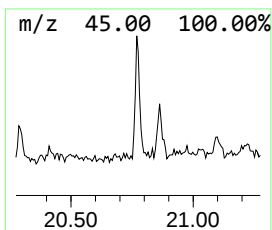
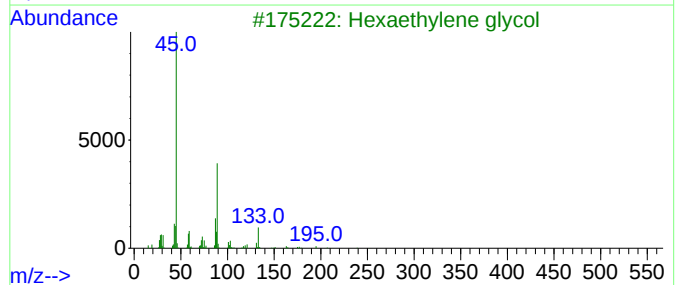
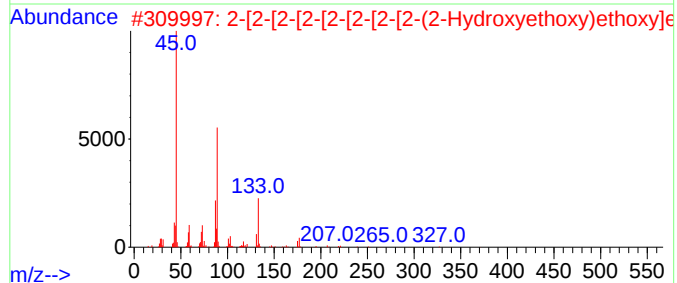
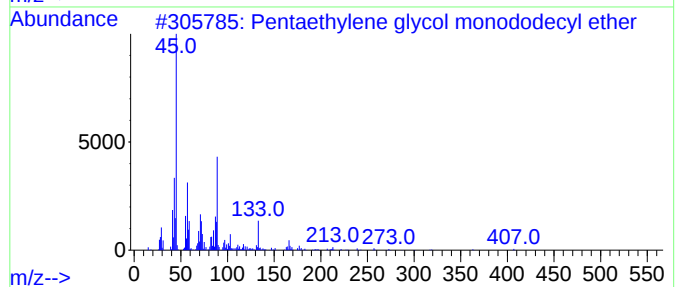
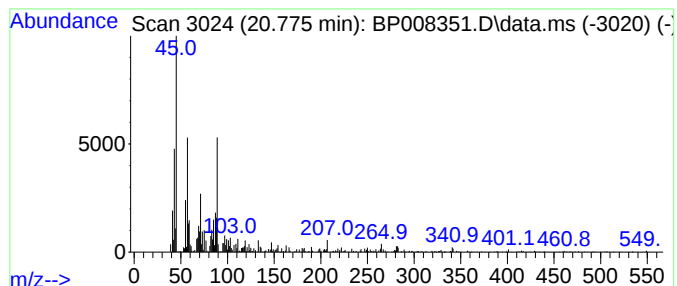
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentaethylene glycol monodo... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.775	2.19 ng	108087	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	86
2			2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	003386-18-3	64
3			Hexaethylene glycol	282	C12H26O7	002615-15-8	64
4			Pentaethylene glycol	238	C10H22O6	004792-15-8	64
5			2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008351.D
Acq On : 10 Dec 2021 21:07
Operator : CG/JU
Sample : M4965-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RED-CONCRETE-COMP-EXTERIOR

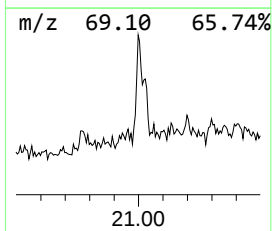
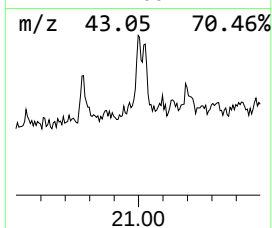
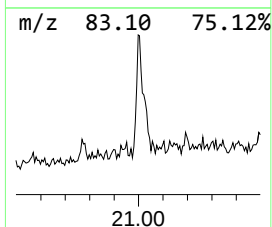
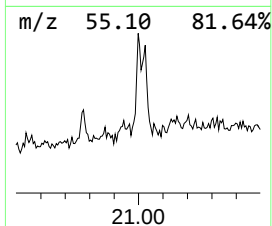
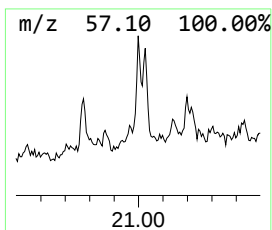
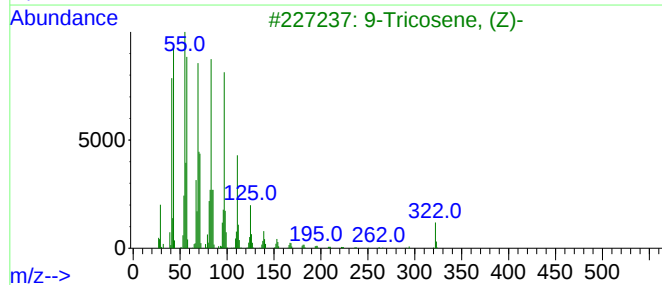
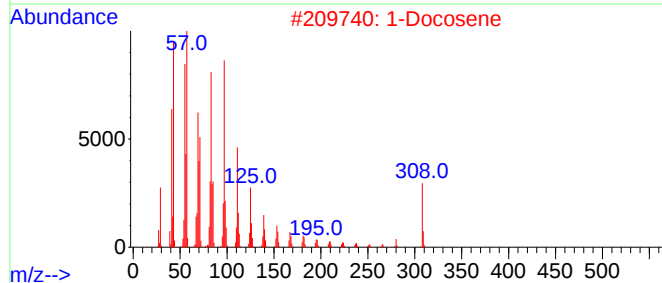
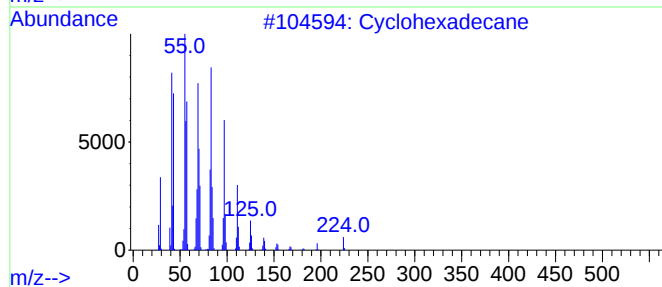
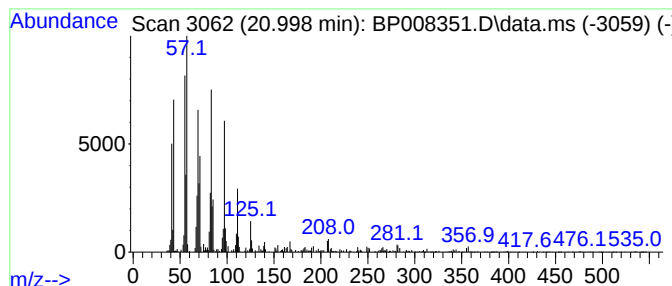
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	2.35 ng	116071	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	94
2			1-Docosene	308	C22H44	001599-67-3	93
3			9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
4			E-7-Octadecene	252	C18H36	1000130-92-0	93
5			Z-5-Nonadecene	266	C19H38	1000131-11-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008351.D
Acq On : 10 Dec 2021 21:07
Operator : CG/JU
Sample : M4965-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RED-CONCRETE-COMP-EXTERIOR

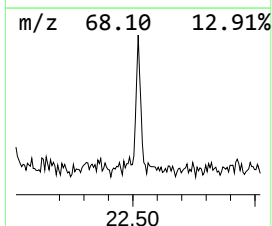
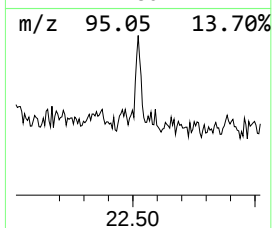
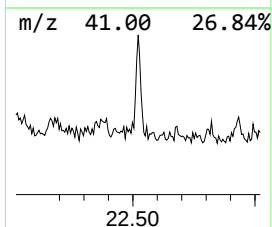
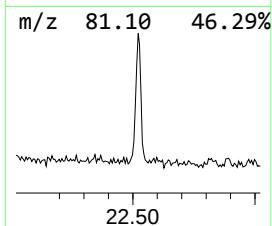
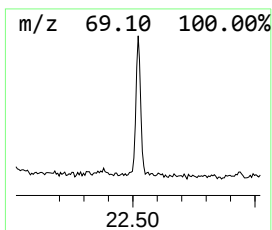
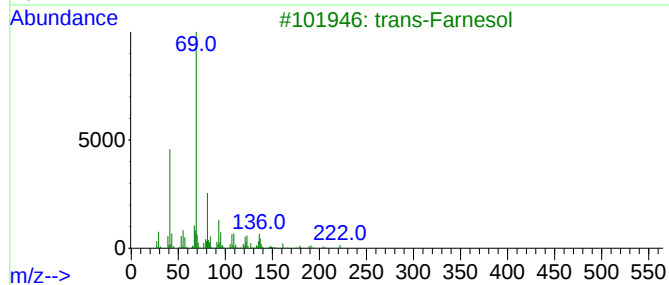
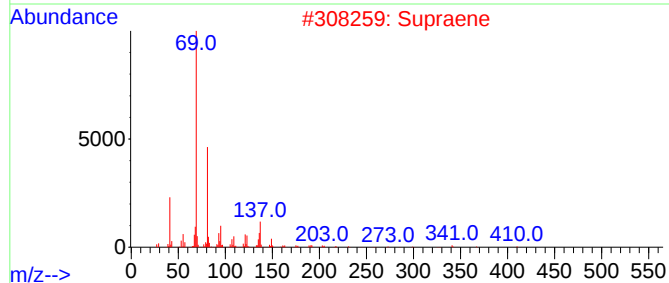
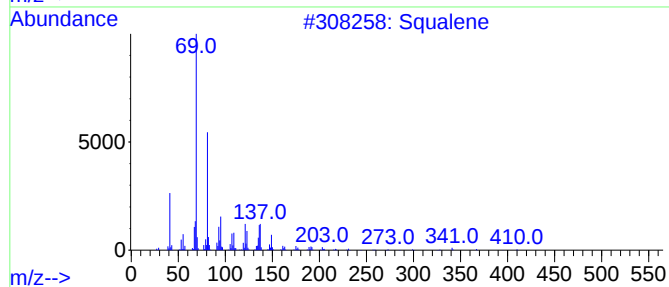
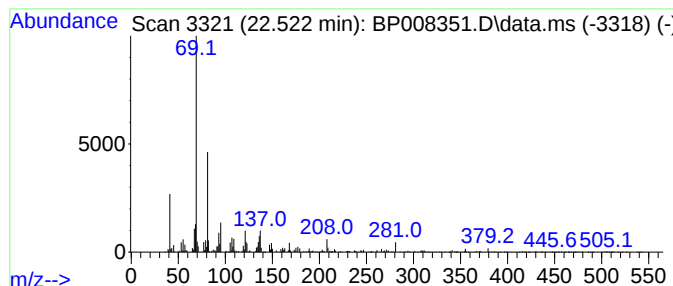
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.522	2.94 ng	159312	Perylene-d12	23.669

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	72
2			Supraene	410	C30H50	007683-64-9	64
3			trans-Farnesol	222	C15H26O	000106-28-5	64
4			trans-Geranylgeraniol	290	C20H34O	024034-73-9	53
5			4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008351.D
 Acq On : 10 Dec 2021 21:07
 Operator : CG/JU
 Sample : M4965-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RED-CONCRETE-COMP-EXTERIOR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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
Methyl methacry...	3.264	2.5	ng	52344	1	7.758	416181	20.0
Ethanol, 2-(2-b...	10.381	3.0	ng	76508	2	10.557	510218	20.0
Phthalic anhydride	12.387	20.2	ng	515539	2	10.557	510218	20.0
3-Chlorobenzamide	14.704	3.9	ng	119739	3	14.410	613018	20.0
n-Hexadecanoic ...	18.087	30.9	ng	1249950	4	17.175	808623	20.0
unknown19.081	19.081	2.6	ng	104912	4	17.175	808623	20.0
9-Octadecenoic ...	19.204	5.4	ng	216799	4	17.175	808623	20.0
Octadecanoic acid	19.322	18.3	ng	901414	5	21.286	985917	20.0
Hexaethylene gl...	19.392	2.0	ng	100788	5	21.286	985917	20.0
Glycidyl palmitate	20.063	2.1	ng	105446	5	21.286	985917	20.0
Pentaethylene g...	20.775	2.2	ng	108087	5	21.286	985917	20.0
Cyclohexadecane	20.998	2.4	ng	116071	5	21.286	985917	20.0
Squalene	22.522	2.9	ng	159312	6	23.669	1083270	20.0