

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039385.D
 Acq On : 10 Apr 2023 19:52
 Operator : CG/JU
 Sample : 02257-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ELI-SOLID-0407

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_M\Methods\8270-BM032923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039385.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.293	13	18	24	rBV	174972	332953	3.69%	0.487%
2	4.387	200	204	212	rVB2	129243	209267	2.32%	0.306%
3	4.957	295	301	312	rBV	922918	1278940	14.16%	1.871%
4	5.428	375	381	398	rBV	2103469	3217792	35.62%	4.707%
5	7.040	648	655	667	rBV	1847134	3156455	34.94%	4.618%
6	7.134	667	671	686	rVB6	38654	148273	1.64%	0.217%
7	7.869	788	796	803	rBV	767960	1298599	14.38%	1.900%
8	7.945	803	809	825	rVV	207967	562938	6.23%	0.824%
9	9.039	988	995	1009	rBV	1122000	2034170	22.52%	2.976%
10	9.175	1012	1018	1032	rVB	107988	273663	3.03%	0.400%
11	9.557	1078	1083	1093	rVB2	72750	133492	1.48%	0.195%
12	10.522	1239	1247	1253	rBV2	164516	280729	3.11%	0.411%
13	10.675	1265	1273	1287	rBV	943490	1719235	19.03%	2.515%
14	11.275	1371	1375	1384	rBV	84324	134057	1.48%	0.196%
15	12.327	1547	1554	1566	rBV	100831	233918	2.59%	0.342%
16	12.469	1571	1578	1603	rBV	1099929	3213858	35.58%	4.702%
17	13.145	1686	1693	1709	rVB	2659703	4089801	45.28%	5.983%
18	13.280	1711	1716	1723	rBV4	95863	193307	2.14%	0.283%
19	14.169	1862	1867	1875	rBV3	184400	379700	4.20%	0.555%
20	14.333	1891	1895	1902	rBV	106757	209528	2.32%	0.307%
21	14.521	1921	1927	1933	rBV	1325696	2005568	22.20%	2.934%
22	14.827	1974	1979	1990	rBV	206339	481274	5.33%	0.704%
23	14.945	1995	1999	2011	rVB2	156457	278421	3.08%	0.407%
24	15.168	2033	2037	2044	rBV5	94794	196126	2.17%	0.287%
25	15.886	2155	2159	2163	rVB	197217	262389	2.90%	0.384%
26	16.010	2175	2180	2186	rBV	2019133	2976168	32.95%	4.354%
27	16.068	2187	2190	2198	rVB4	121907	271783	3.01%	0.398%
28	16.680	2290	2294	2298	rVB2	282669	427182	4.73%	0.625%
29	16.780	2308	2311	2312	rBV2	174550	196135	2.17%	0.287%
30	16.810	2312	2316	2323	rVB	1989706	2622520	29.03%	3.837%
31	17.033	2350	2354	2358	rVB	821731	1011690	11.20%	1.480%
32	17.139	2370	2372	2376	rVB	244983	258169	2.86%	0.378%
33	17.268	2390	2394	2399	rBV	1498550	2109204	23.35%	3.086%
34	17.315	2399	2402	2407	rVB	441553	660999	7.32%	0.967%
35	17.568	2441	2445	2452	rBV	1361800	1869086	20.69%	2.734%
36	18.180	2545	2549	2559	rBV	3841472	6071728	67.22%	8.883%

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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

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37	18.280	2563	2566	2571	rVV2	1855582	2444342	27.06%	3.576%
38	18.933	2674	2677	2684	rVB	1504122	1901707	21.05%	2.782%
39	19.339	2739	2746	2757	rBV3	3265460	9032971	100.00%	13.215%
40	19.462	2764	2767	2774	rVB	2146640	2772296	30.69%	4.056%
41	19.903	2838	2842	2846	rBV	3335629	4048604	44.82%	5.923%
42	21.374	3090	3092	3099	rVB	2860460	3356606	37.16%	4.911%

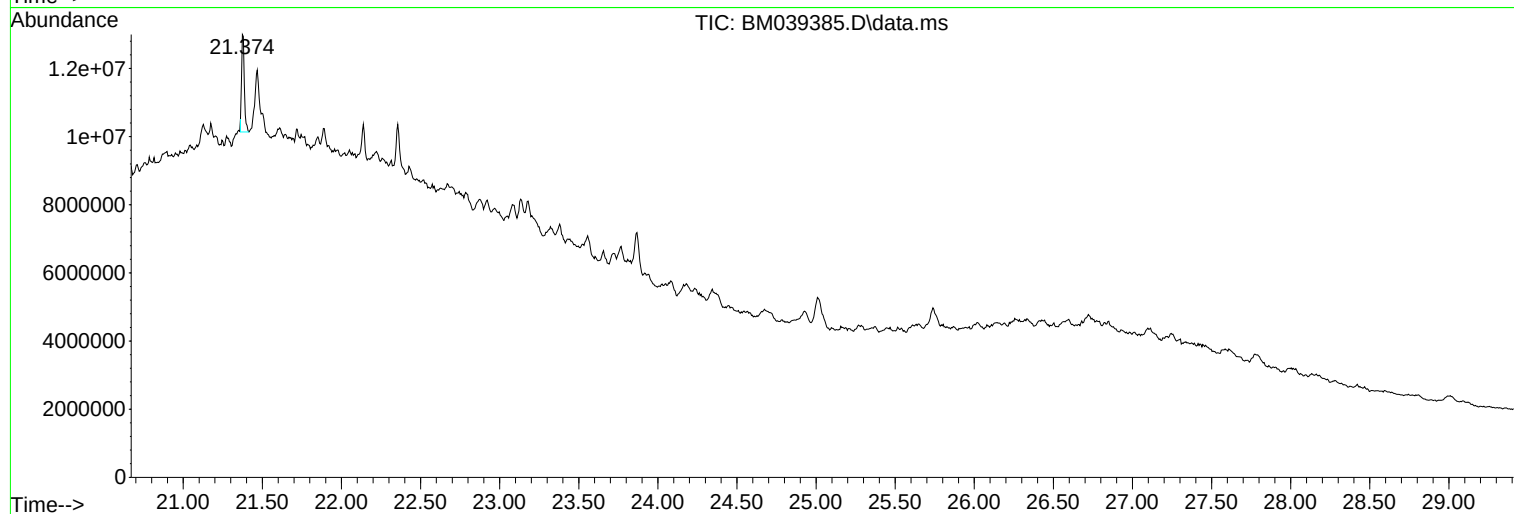
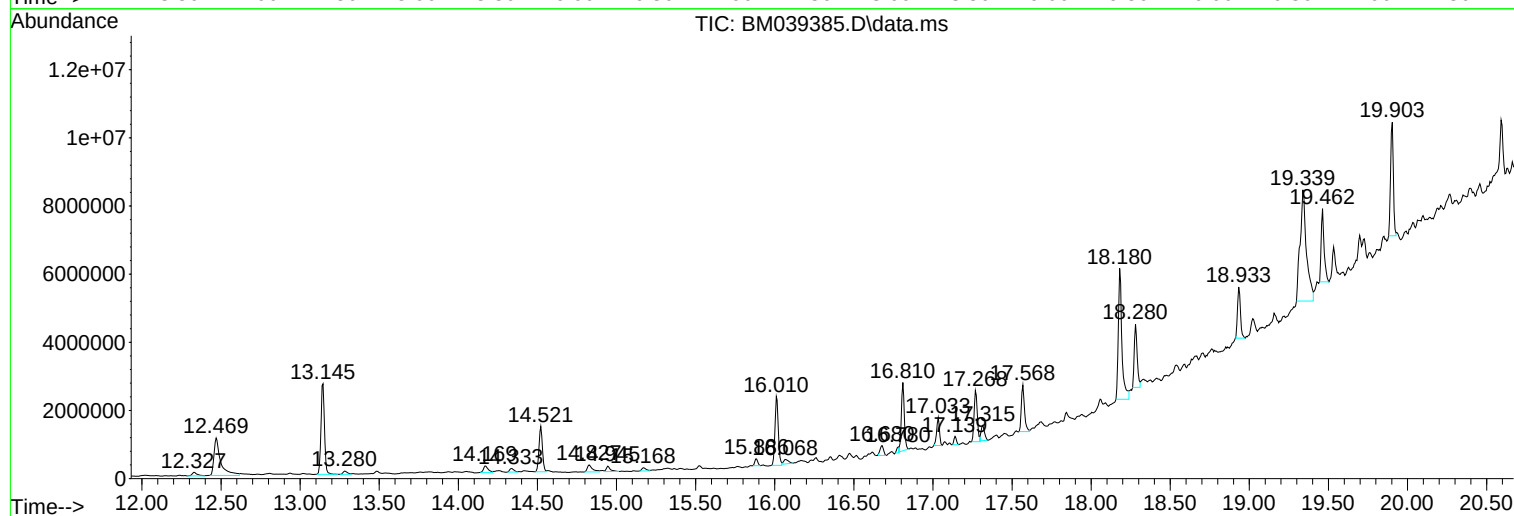
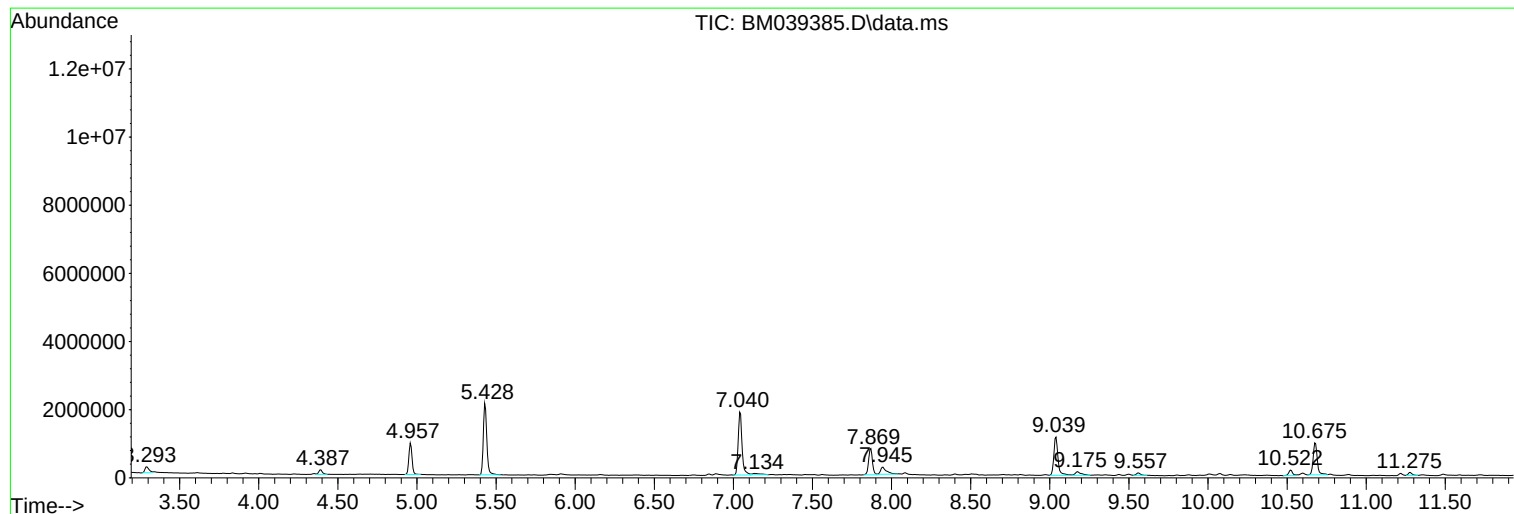
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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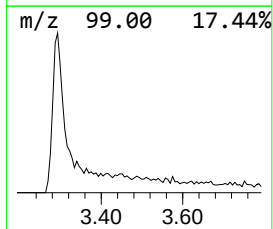
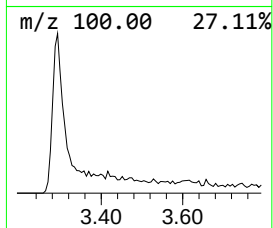
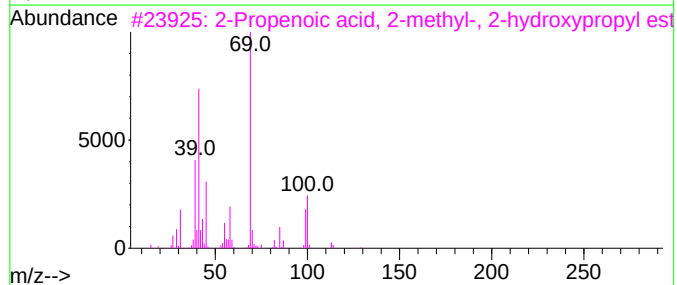
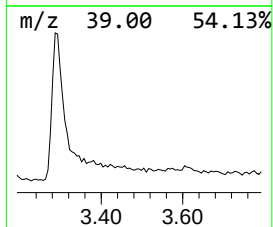
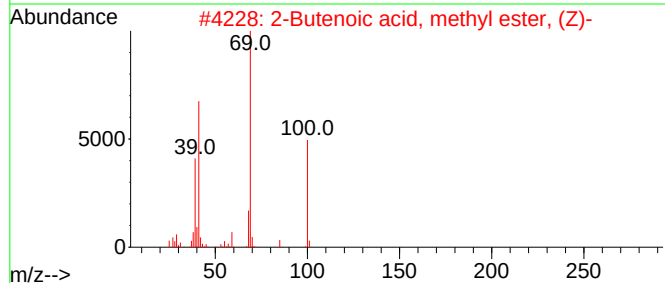
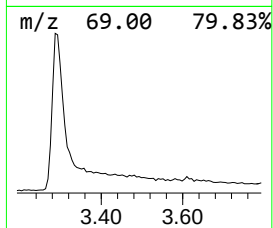
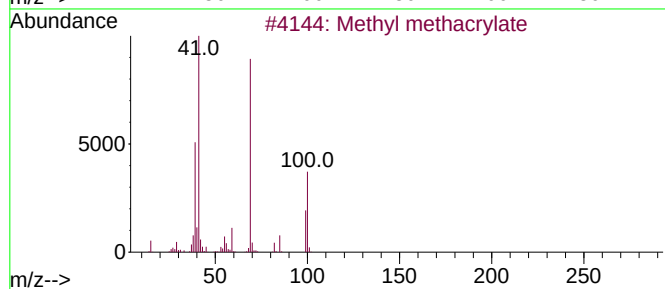
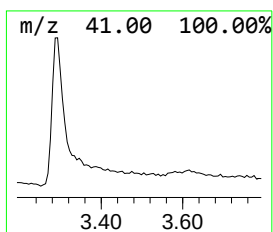
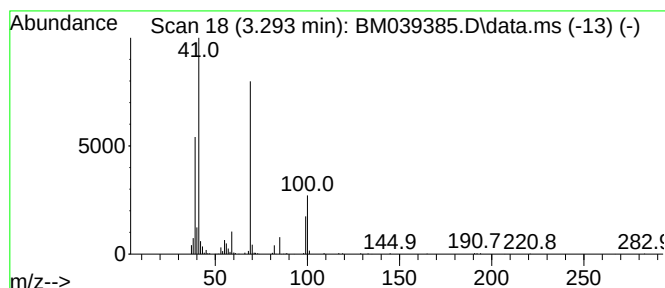
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Methyl methacrylate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.293	5.13 ng	332953	1,4-Dichlorobenzene-d4	7.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl methacrylate	100	C5H8O2	000080-62-6	93
2			2-Butenoic acid, methyl ester, (Z)-	100	C5H8O2	004358-59-2	78
3			2-Propenoic acid, 2-methyl-, 2-h...	144	C7H12O3	000923-26-2	64
4			Vinyl crotonate	112	C6H8O2	014861-06-4	59
5			2-Butenoic acid, methyl ester, (E)-	100	C5H8O2	000623-43-8	56



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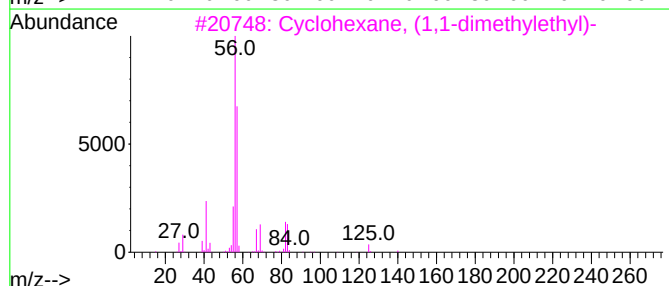
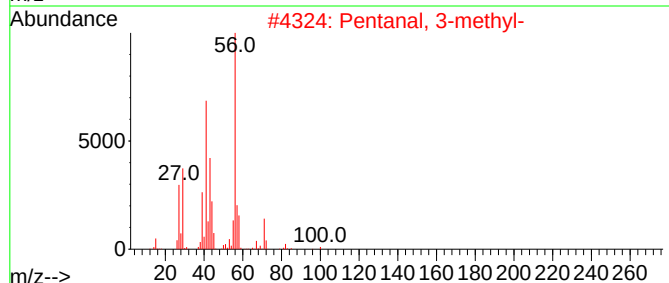
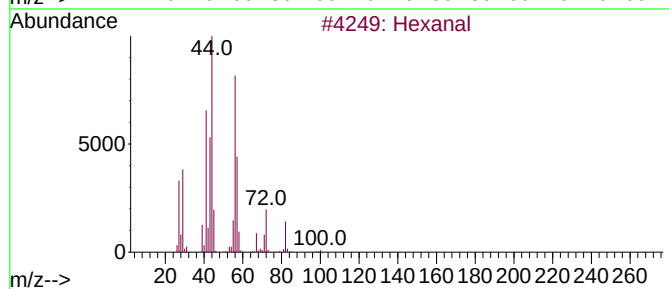
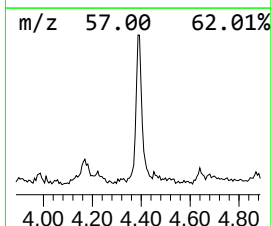
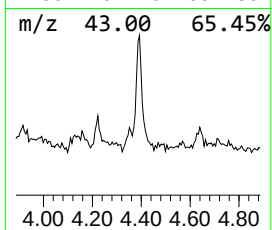
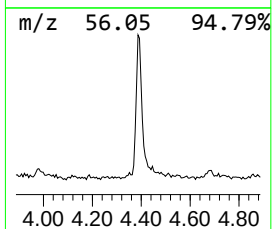
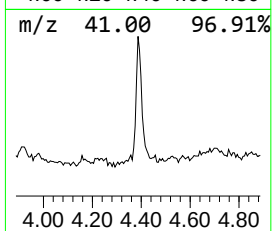
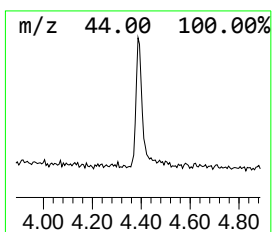
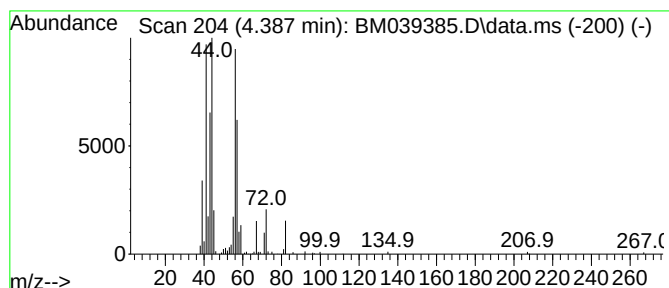
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Hexanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.387	3.22 ng	209267	1,4-Dichlorobenzene-d4	7.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexanal	100	C6H12O	000066-25-1	94
2		Pentanal, 3-methyl-	100	C6H12O	015877-57-3	38
3		Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	27
4		Butanal	72	C4H8O	000123-72-8	27
5		Topotecan	421	C23H23N3O5	1000131-70-7	25



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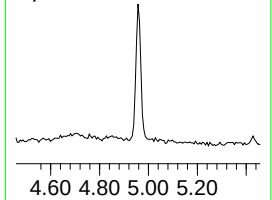
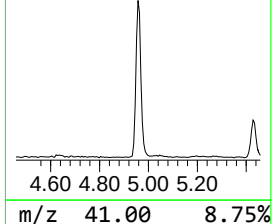
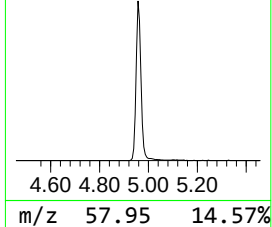
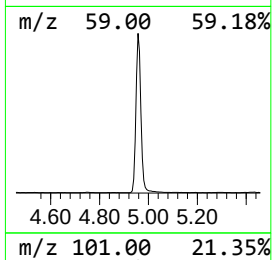
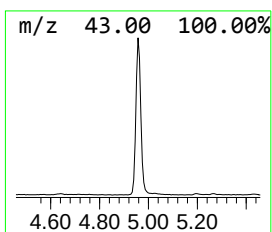
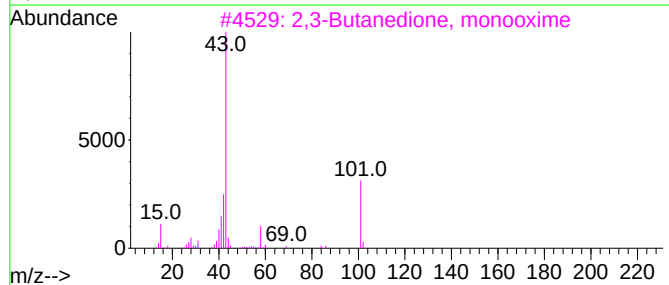
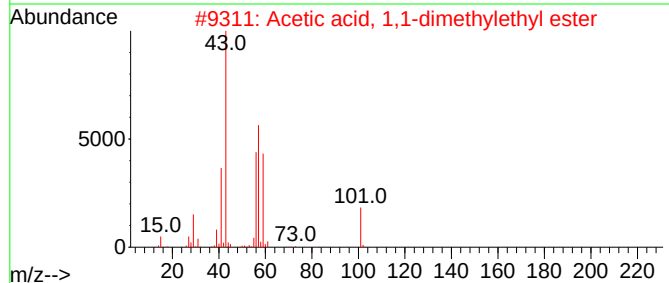
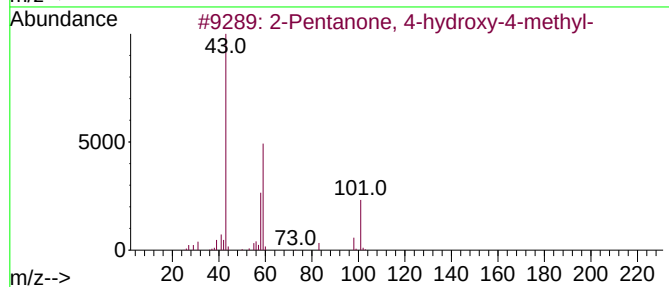
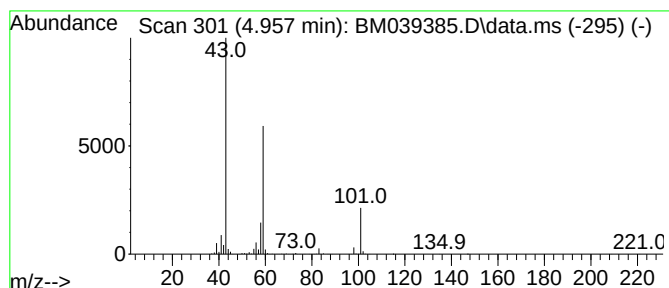
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	19.70 ng	1278940	1,4-Dichlorobenzene-d4	7.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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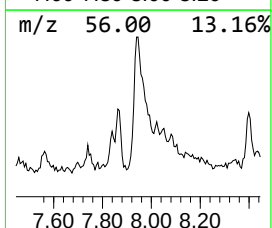
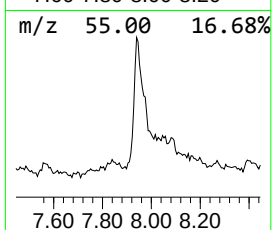
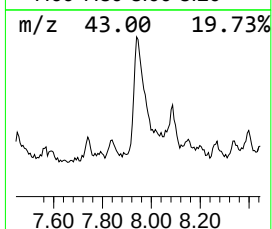
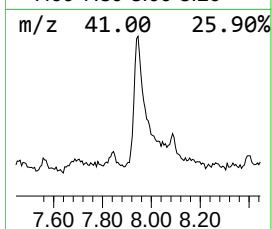
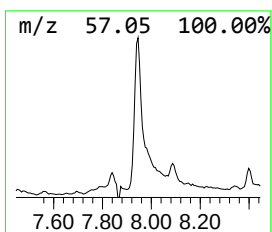
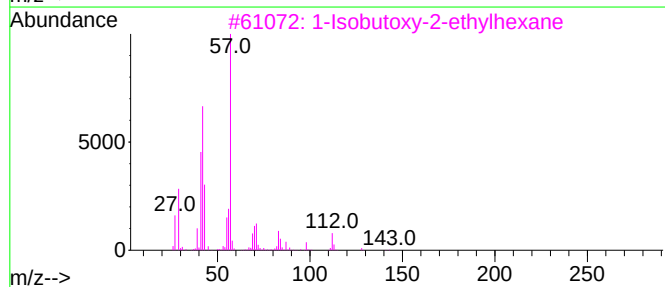
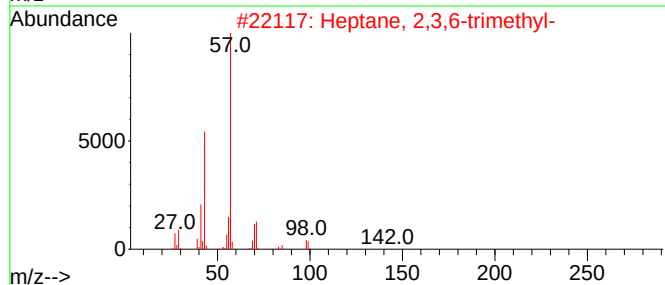
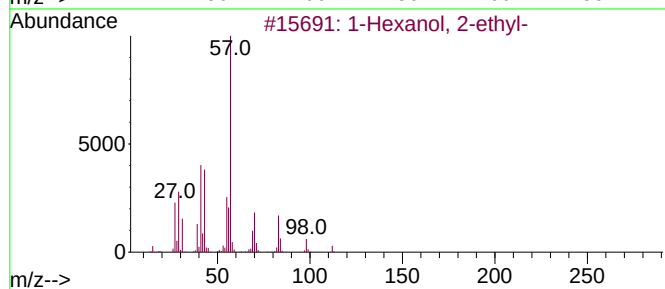
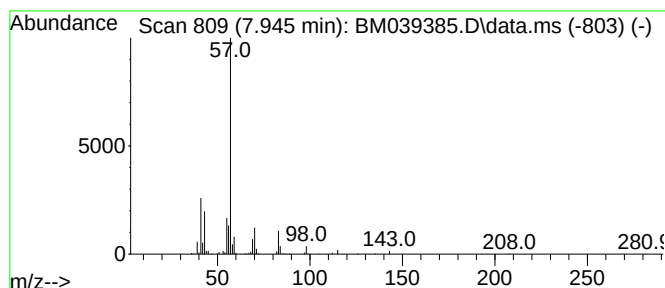
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.945	8.67 ng	562938	1,4-Dichlorobenzene-d4	7.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
2			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
3			1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	50
4			1-Ethylhexyl propionate	186	C11H22O2	1010430-89-6	45
5			Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	45



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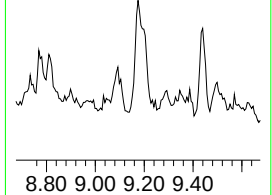
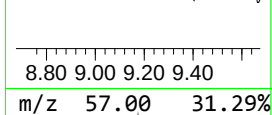
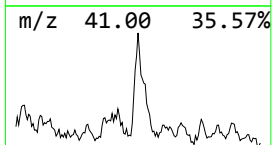
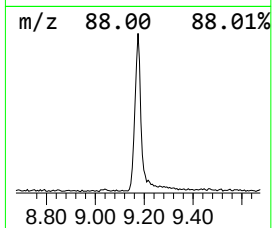
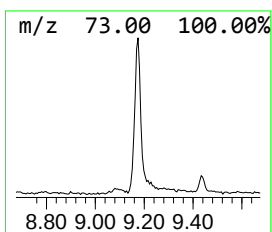
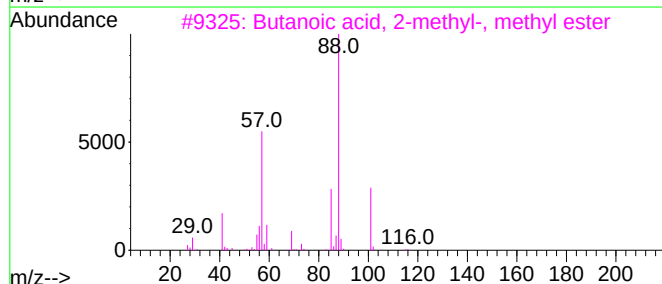
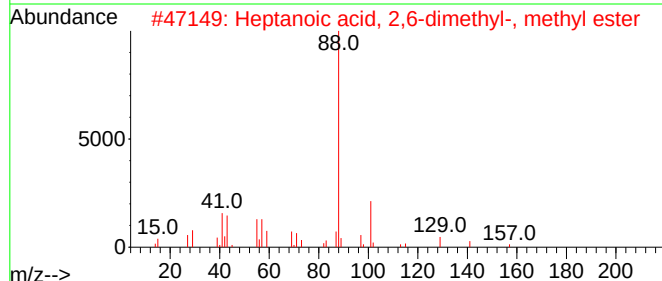
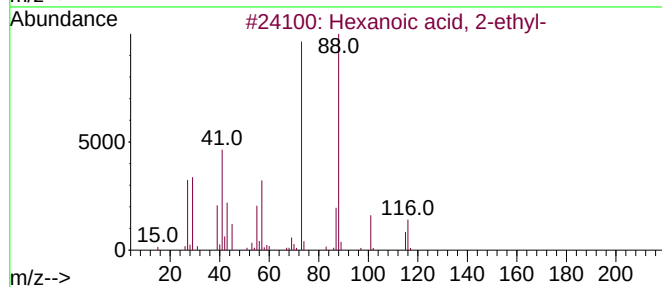
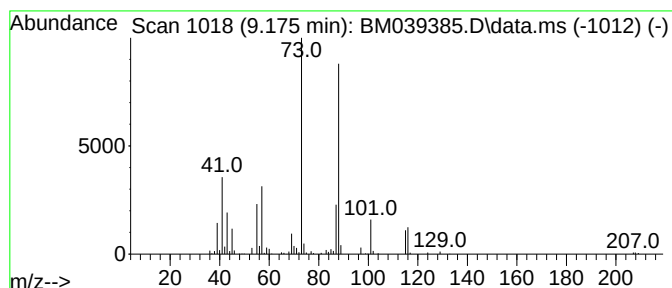
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	4.21 ng	273663	1,4-Dichlorobenzene-d4	7.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2			Heptanoic acid, 2,6-dimethyl-, m...	172	C10H20O2	033315-72-9	50
3			Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	47
4			Acetic acid, diethyl-	116	C6H12O2	000088-09-5	45
5			2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039385.D
Acq On : 10 Apr 2023 19:52
Operator : CG/JU
Sample : 02257-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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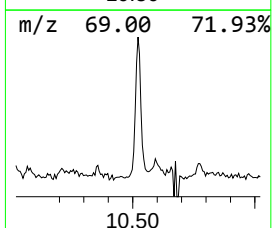
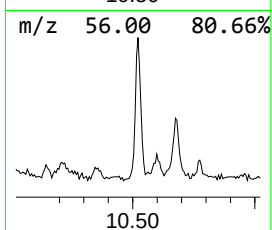
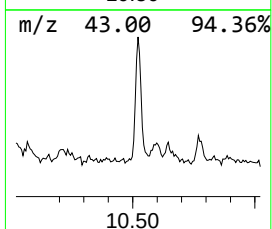
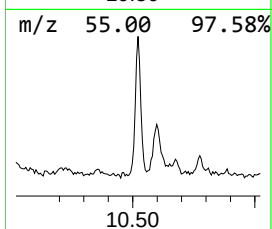
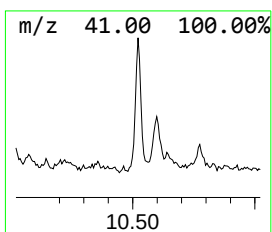
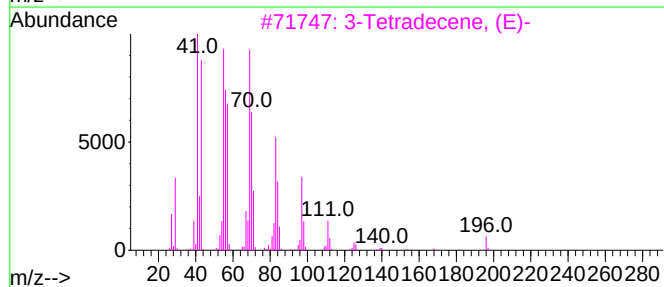
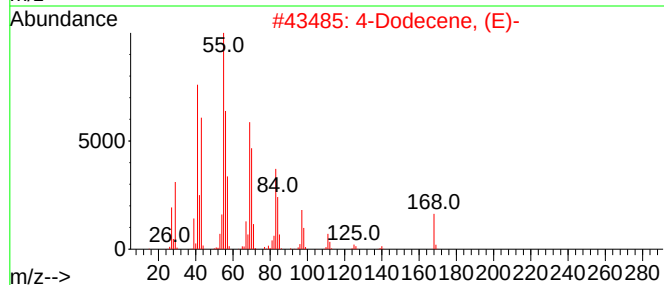
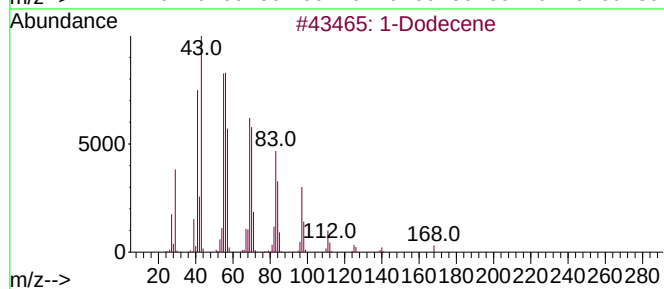
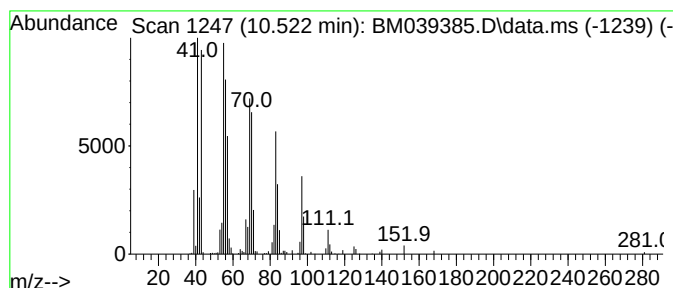
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Dodecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	3.27 ng	280729	Naphthalene-d8	10.675

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Dodecene	168	C12H24	000112-41-4	96
2		4-Dodecene, (E)-	168	C12H24	007206-15-7	95
3		3-Tetradecene, (E)-	196	C14H28	041446-68-8	91
4		3-Tetradecene, (Z)-	196	C14H28	041446-67-7	91
5		5-Tetradecene, (E)-	196	C14H28	041446-66-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
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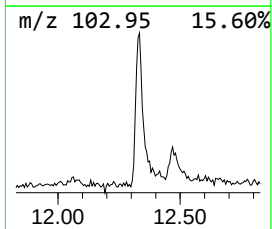
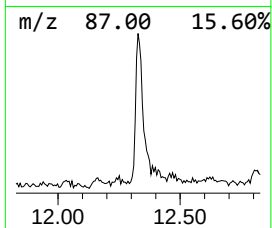
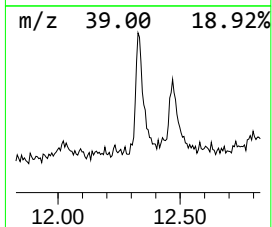
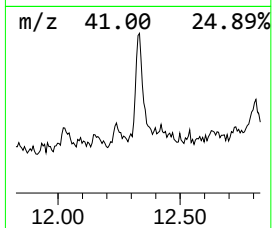
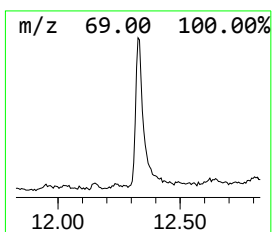
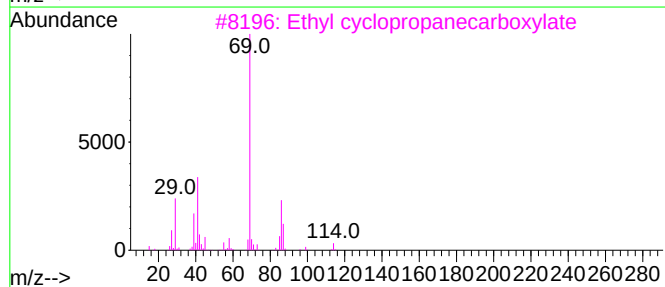
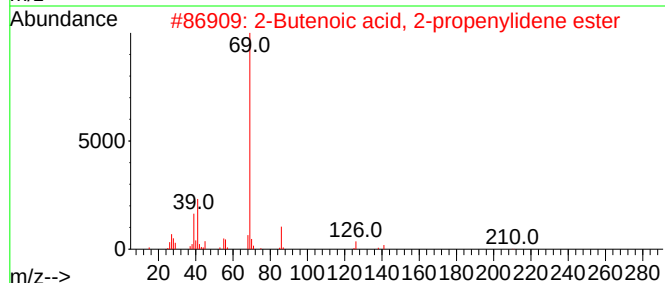
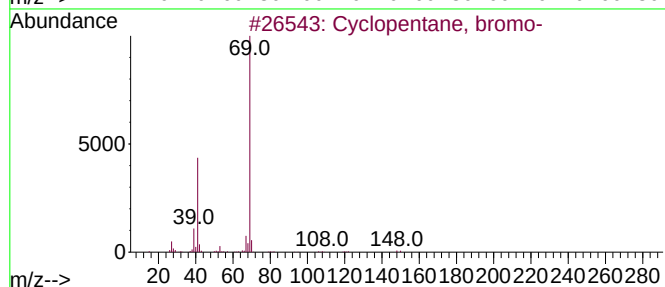
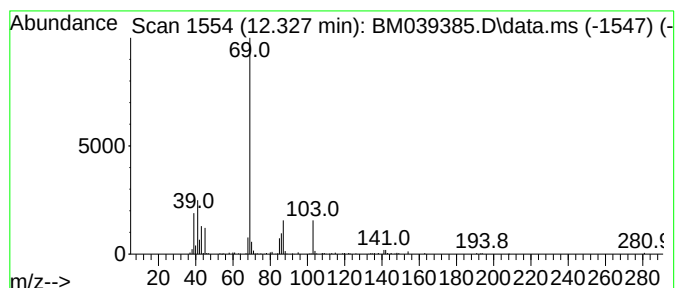
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.328 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.328	2.72 ng	233918	Naphthalene-d8	10.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, bromo-	148	C5H9Br	000137-43-9	47
2			2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	42
3			Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
4			3,3'-Bifuran, 2,2',3,3'-tetrahydro-	138	C8H10O2	098869-94-4	9
5			Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
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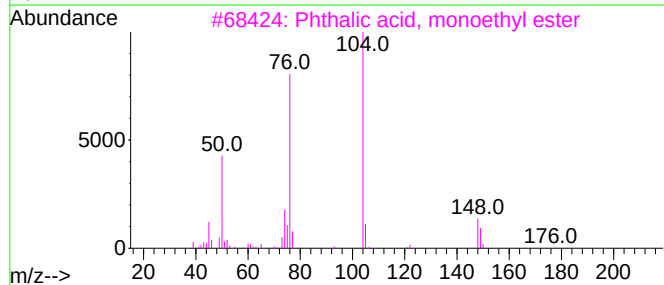
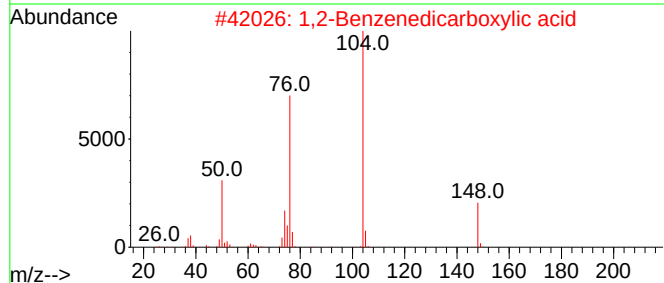
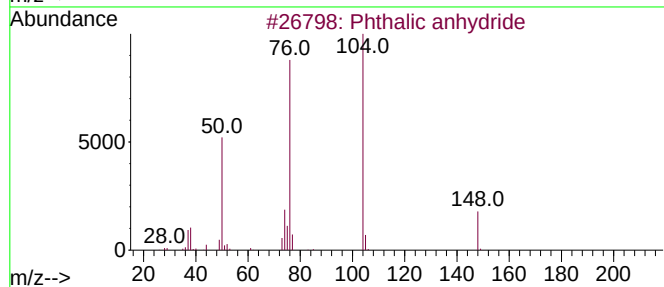
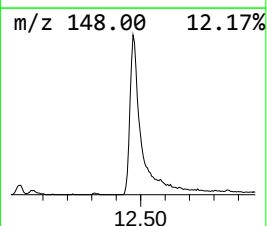
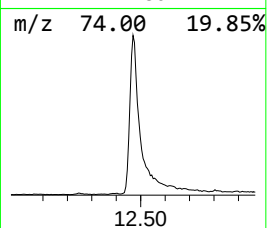
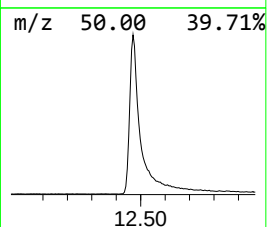
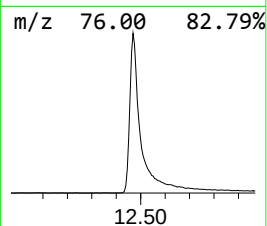
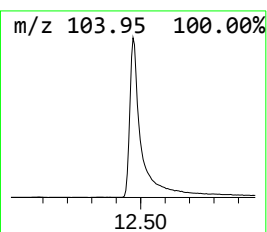
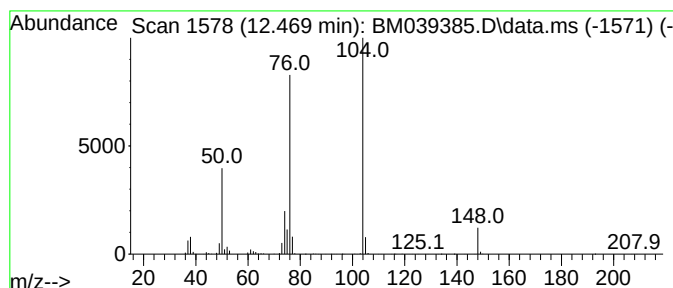
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phthalic anhydride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	37.39 ng	3213860	Naphthalene-d8	10.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic anhydride	148	C8H4O3	000085-44-9	97
2			1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	91
3			Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
4			Bicyclo[4.2.0]octa-1,3,5-triene...	132	C8H4O2	006383-11-5	86
5			Phthalamic acid	165	C8H7NO3	000088-97-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039385.D
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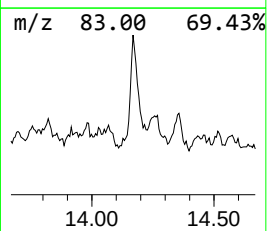
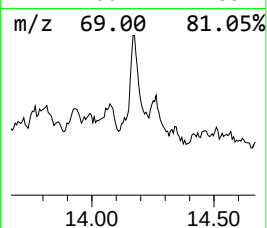
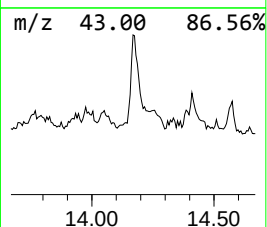
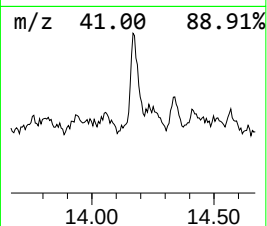
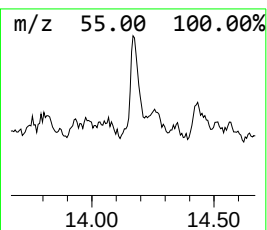
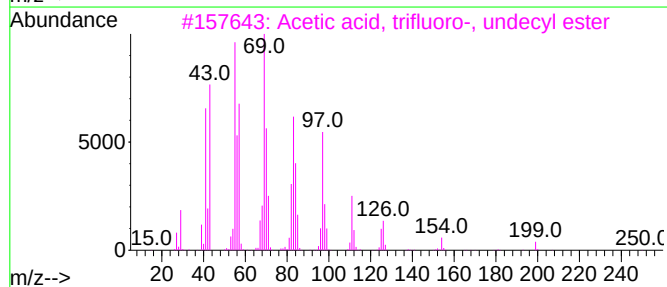
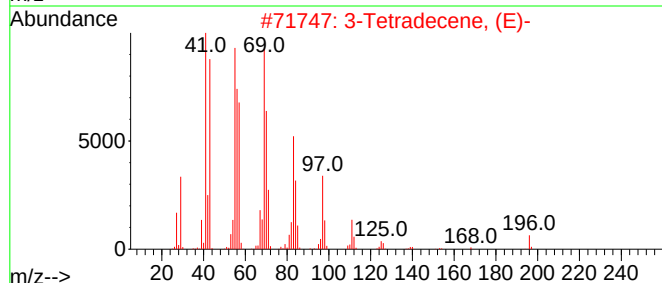
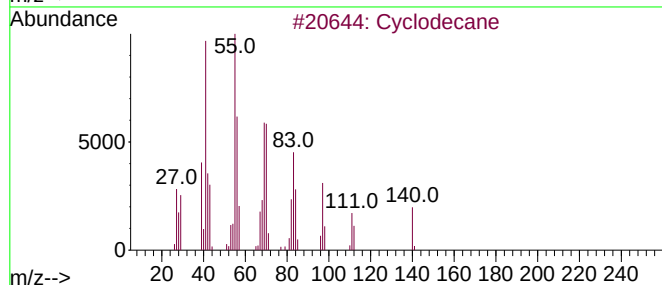
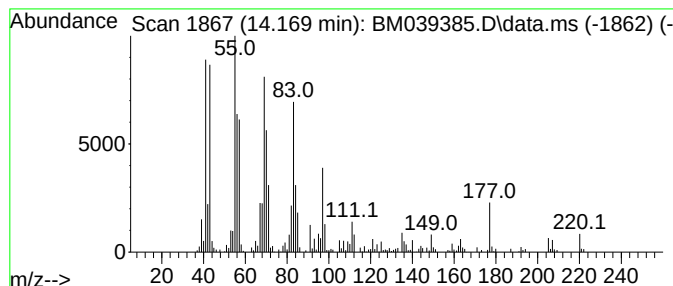
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	3.79 ng	379700	Acenaphthene-d10	14.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodecane	140	C10H20	000293-96-9	92
2			3-Tetradecene, (E)-	196	C14H28	041446-68-8	90
3			Acetic acid, trifluoro-, undecyl...	268	C13H23F3O2	053800-01-4	87
4			3-Tridecene, (Z)-	182	C13H26	041446-53-1	87
5			Carbonic acid, tridecyl 2,2,2-tr...	374	C16H29Cl3O3	1000314-55-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
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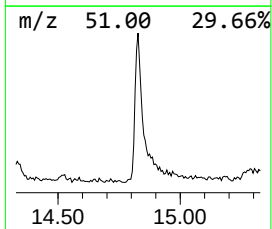
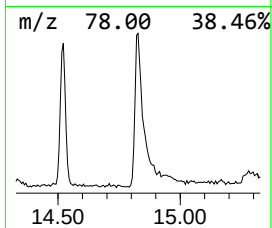
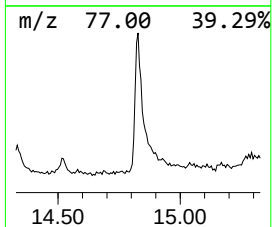
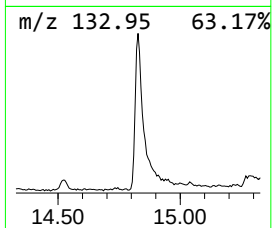
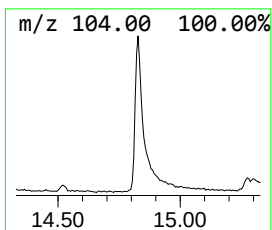
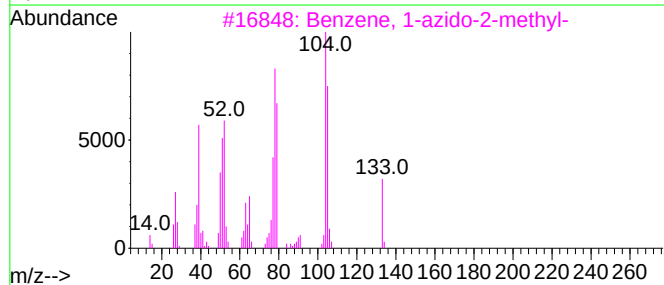
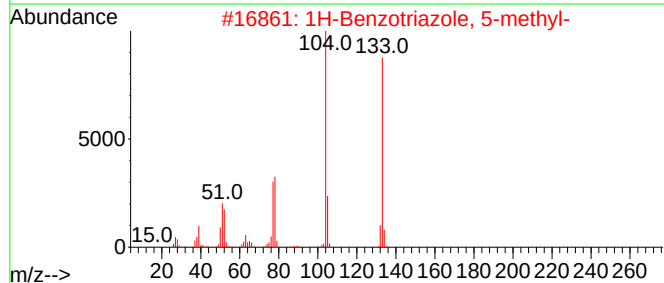
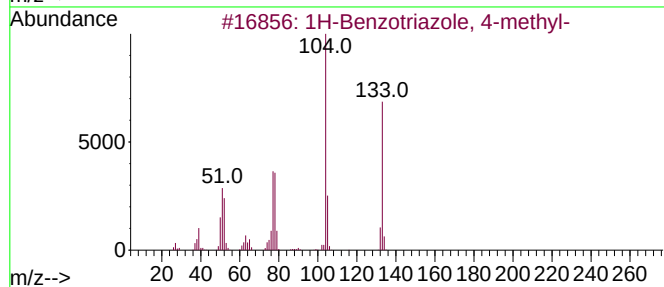
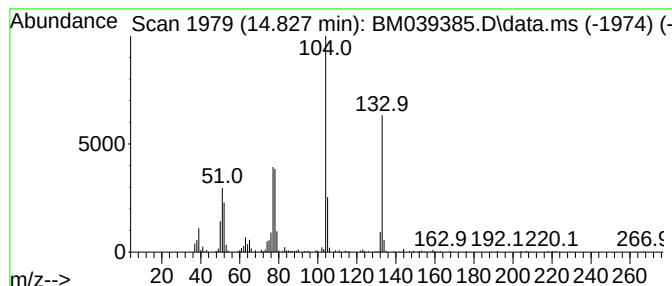
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Benzotriazole, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.827	4.80 ng	481274	Acenaphthene-d10		14.522	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-		133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-		133	C7H7N3	000136-85-6	97
3	Benzene, 1-azido-2-methyl-		133	C7H7N3	031656-92-5	72
4	1H-Indol-5-ol		133	C8H7NO	001953-54-4	72
5	2H-Indol-2-one, 1,3-dihydro-		133	C8H7NO	000059-48-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
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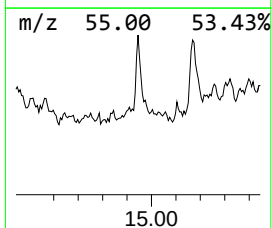
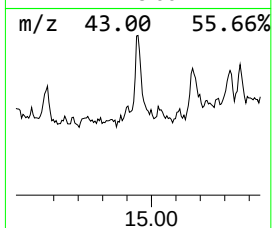
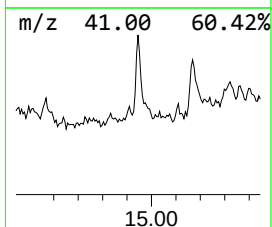
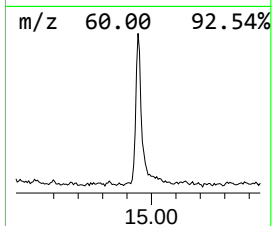
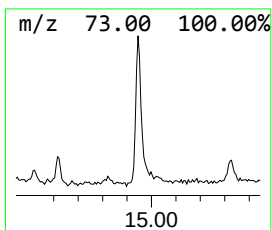
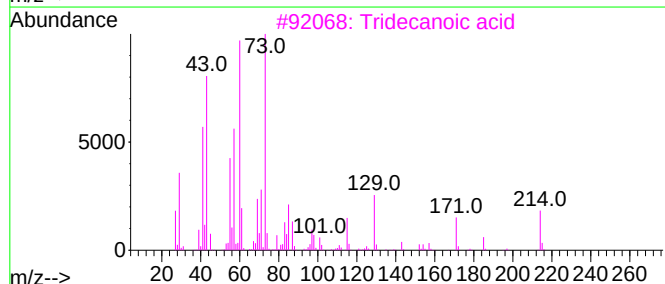
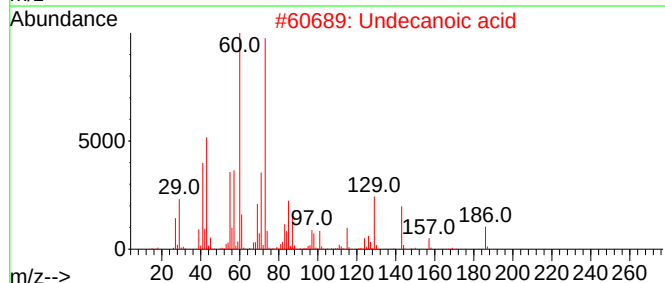
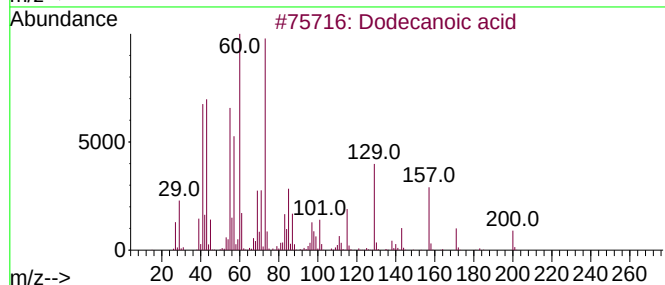
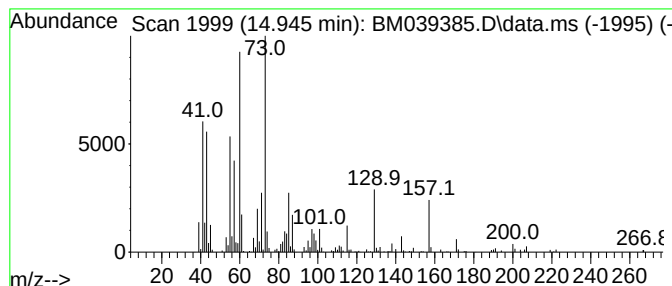
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.945	2.78 ng	278421	Acenaphthene-d10	14.522	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	94
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
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Sample : 02257-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

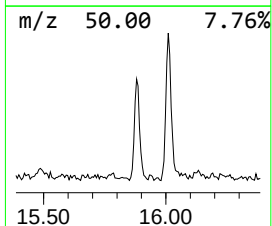
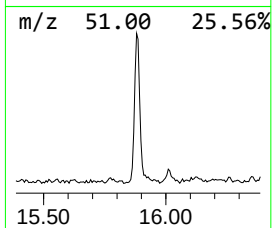
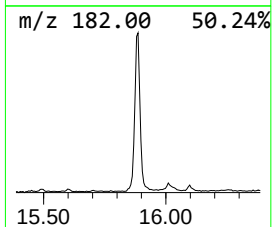
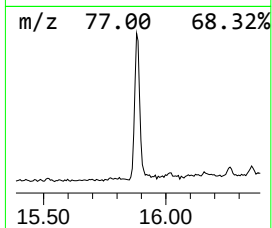
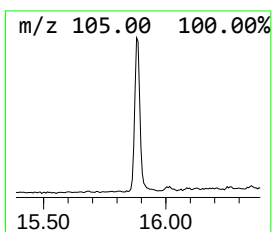
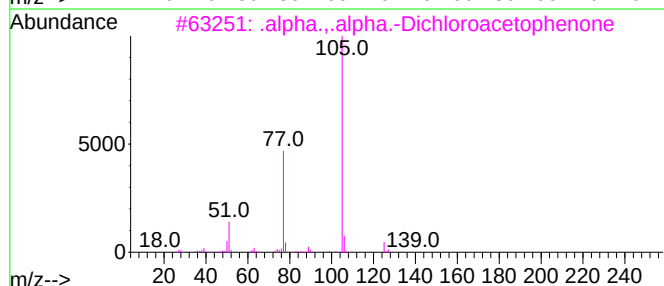
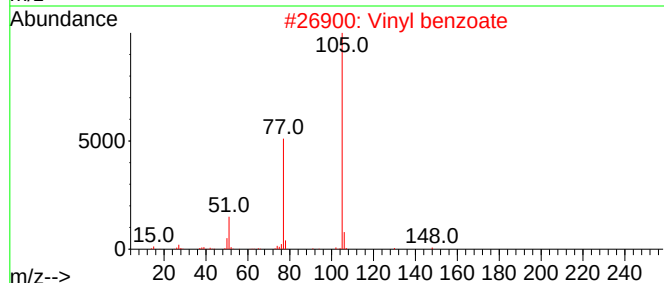
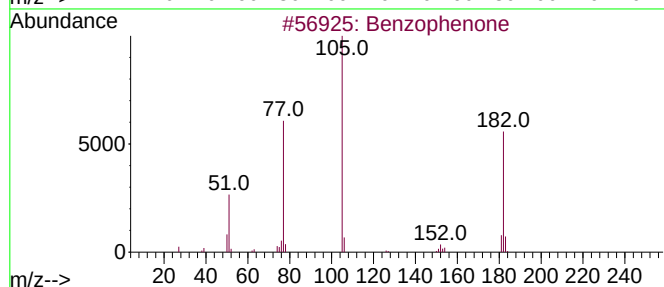
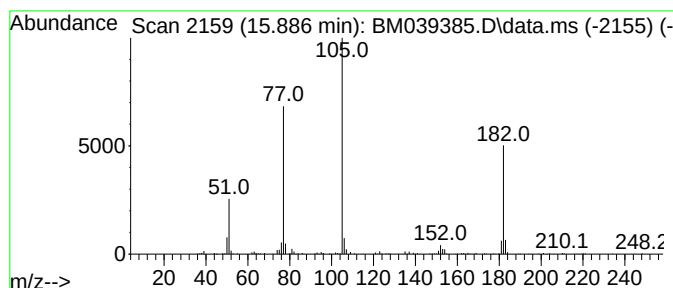
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ClientSampleId :
ELI-SOLID-0407

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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 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.886	2.62 ng	262389	Acenaphthene-d10		14.522	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	95
2	Vinyl benzoate		148	C9H8O2	000769-78-8	49
3	.alpha.,.alpha.-Dichloroacetophe...		188	C8H6Cl2O	002648-61-5	47
4	Methyl benzilate		242	C15H14O3	000076-89-1	47
5	Benzenebutanoic acid, .gamma.-ox...		192	C11H12O3	025333-24-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039385.D
Acq On : 10 Apr 2023 19:52
Operator : CG/JU
Sample : 02257-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ELI-SOLID-0407

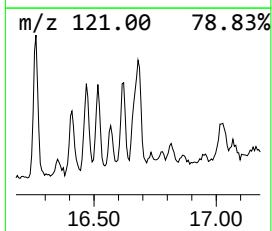
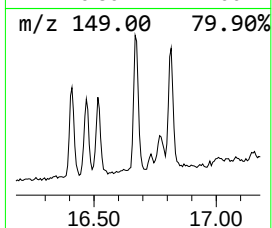
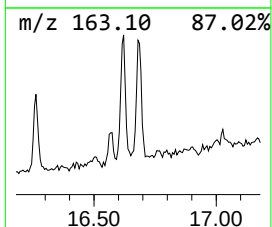
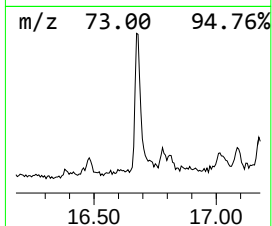
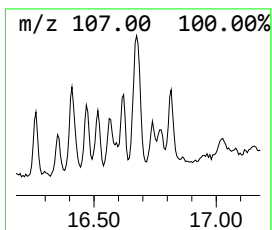
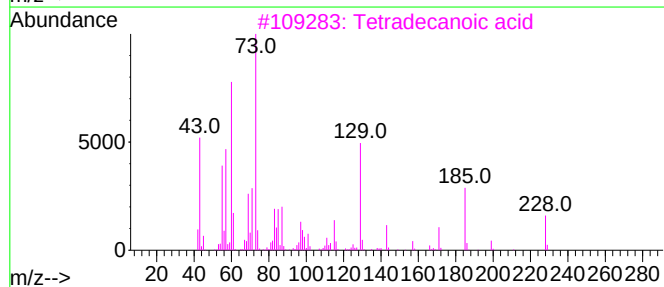
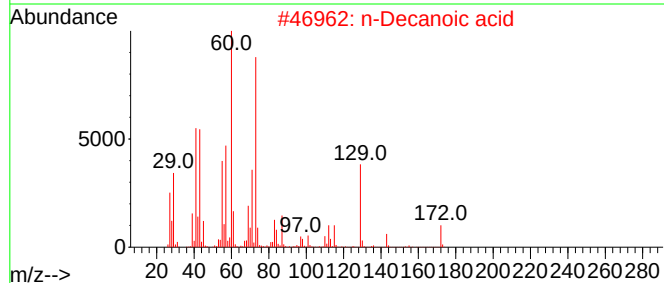
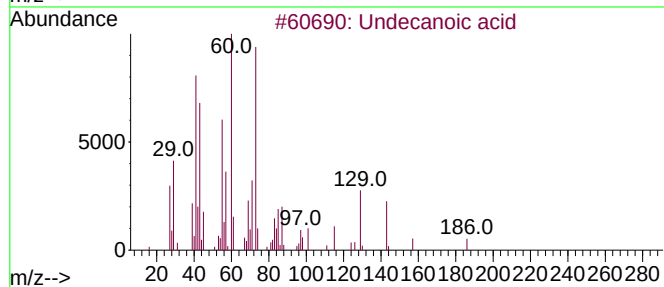
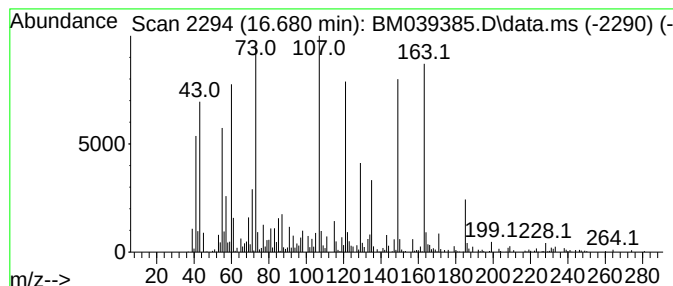
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown16.680 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.680	4.05 ng	427182	Phenanthrene-d10	17.268

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecanoic acid	186	C11H22O2	000112-37-8	25
2		n-Decanoic acid	172	C10H20O2	000334-48-5	25
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	18
4		Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	18
5		Decyl methyl phthalate	320	C19H28O4	256481-38-6	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039385.D
Acq On : 10 Apr 2023 19:52
Operator : CG/JU
Sample : 02257-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

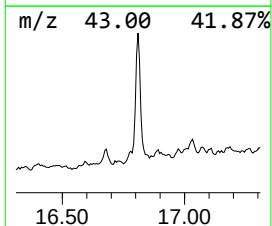
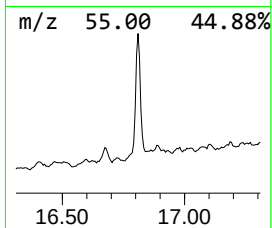
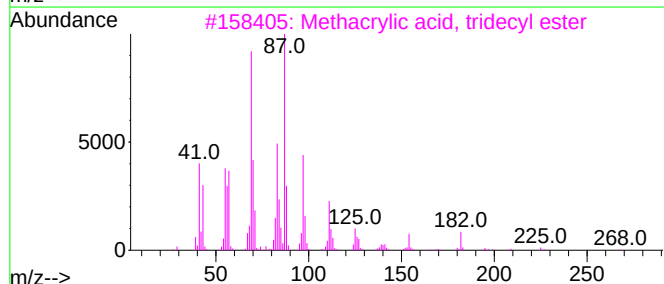
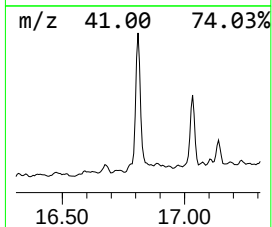
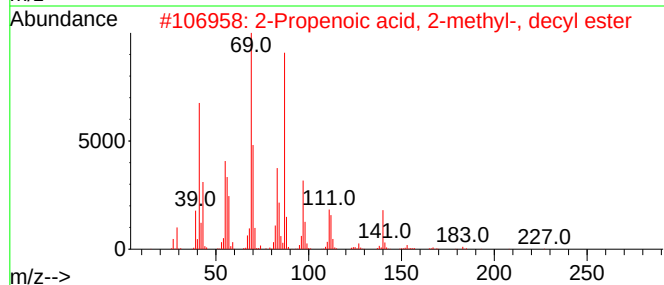
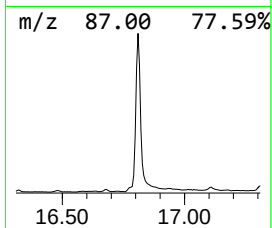
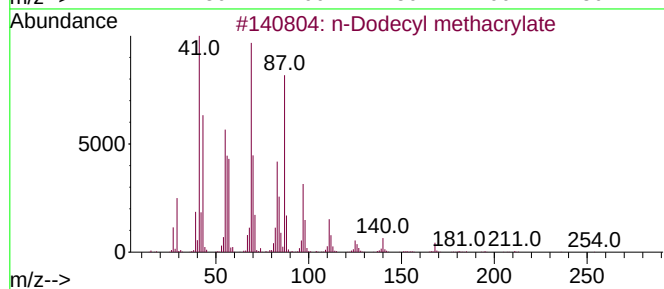
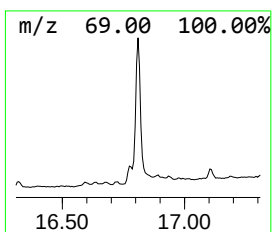
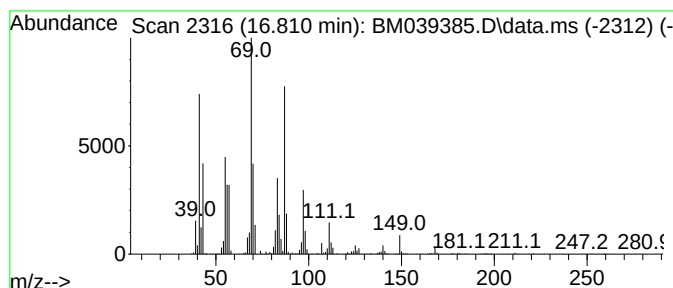
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Dodecyl methacrylate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.810	24.87 ng	2622520	Phenanthrene-d10	17.268	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	94
2	2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	90
3	Methacrylic acid, tridecyl ester	268	C17H32O2	1000340-28-9	64
4	6-Dodecene, (E)-	168	C12H24	007206-17-9	46
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039385.D
Acq On : 10 Apr 2023 19:52
Operator : CG/JU
Sample : 02257-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

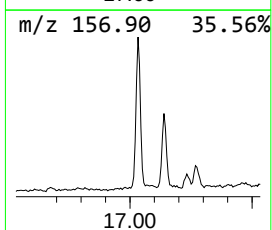
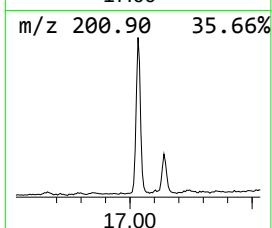
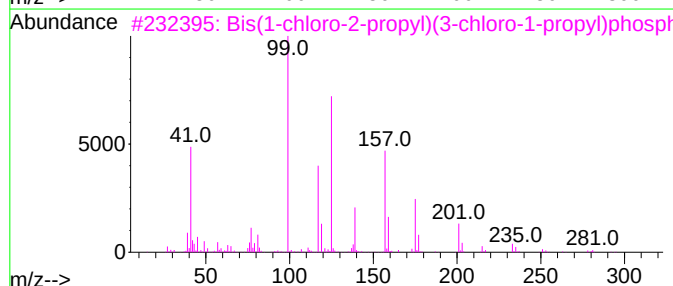
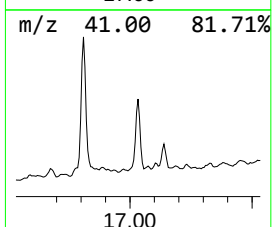
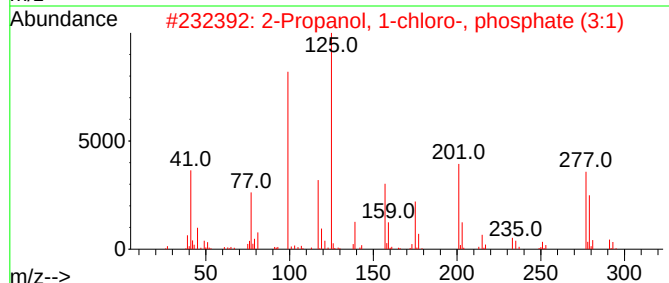
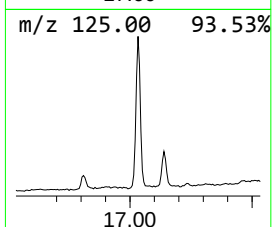
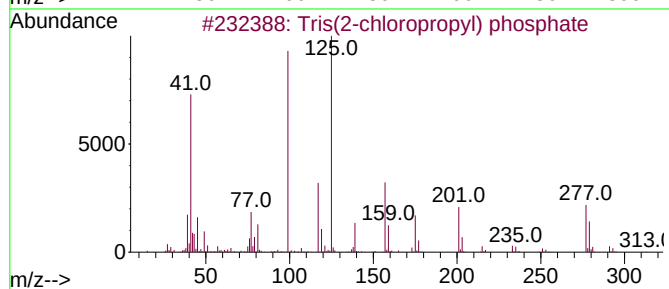
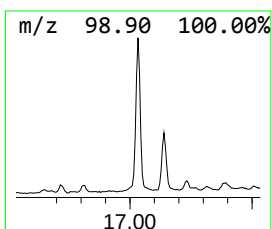
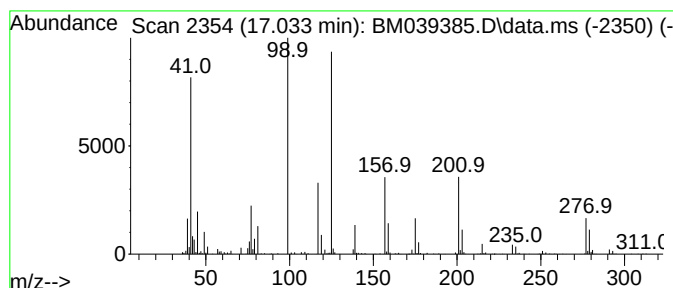
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tris(2-chloropropyl) phosphate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.033	9.59 ng	1011690	Phenanthrene-d10	17.268	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(2-chloropropyl) phosphate	326	C9H18Cl3O4P	006145-73-9	95
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	81
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	43
4	Triisopropylphosphate	224	C9H21O4P	000513-02-0	28
5	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039385.D
Acq On : 10 Apr 2023 19:52
Operator : CG/JU
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ALS Vial : 16 Sample Multiplier: 1

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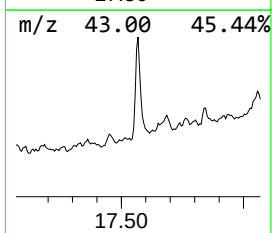
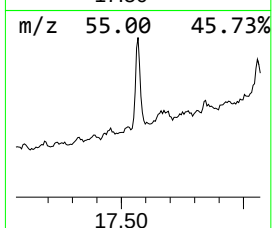
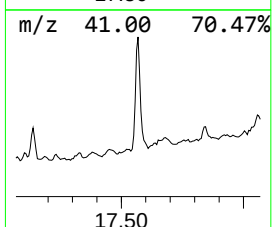
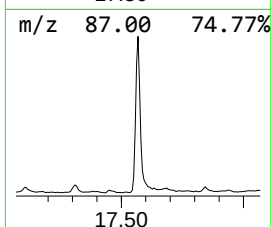
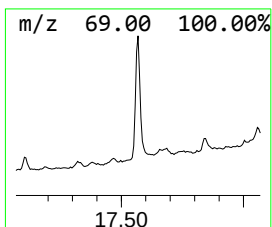
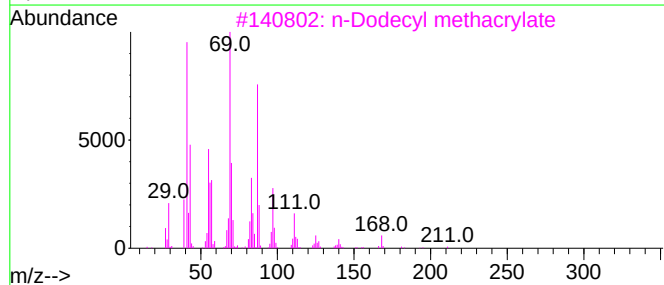
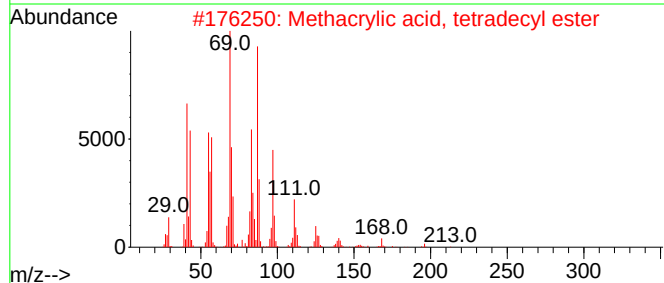
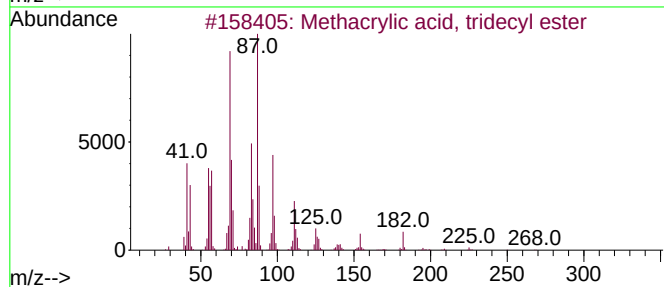
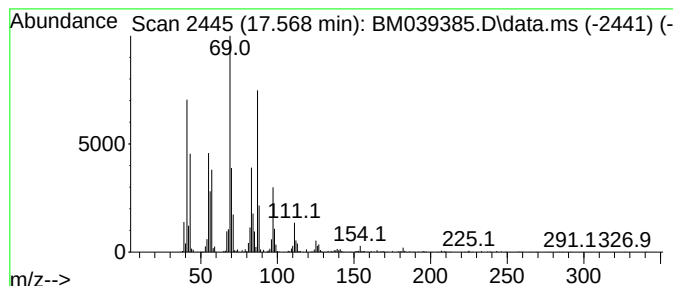
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Methacrylic acid, tridecyl ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.568	17.72 ng	1869090	Phenanthrene-d10	17.268

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methacrylic acid, tridecyl ester	268	C17H32O2	1000340-28-9	99
2		Methacrylic acid, tetradecyl ester	282	C18H34O2	1000340-29-0	91
3		n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	91
4		2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	91
5		Methacrylic acid, hexadecyl ester	310	C20H38O2	1000340-29-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039385.D
Acq On : 10 Apr 2023 19:52
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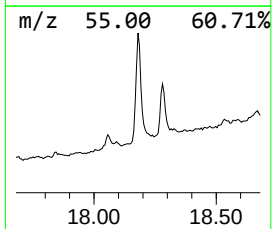
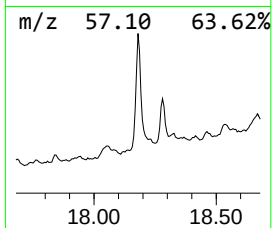
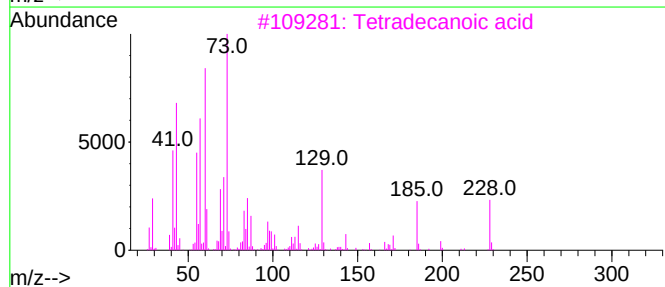
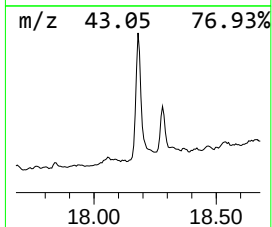
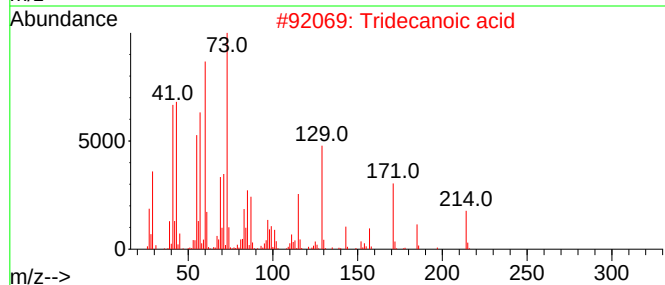
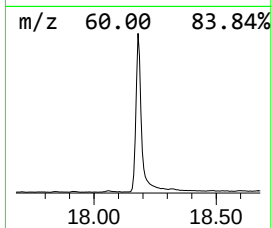
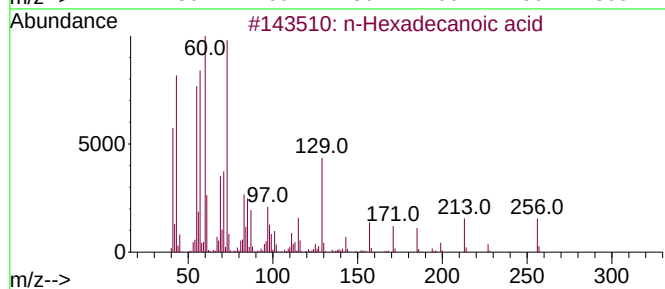
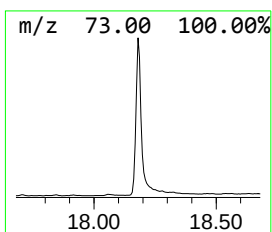
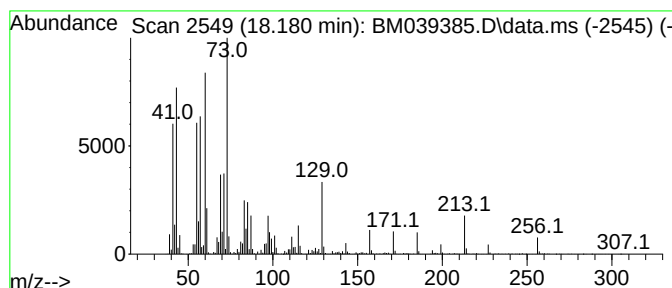
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.180	57.57 ng	6071730	Phenanthrene-d10		17.268	
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	93
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	90
5	Isopropyl palmitate		298	C19H38O2	000142-91-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
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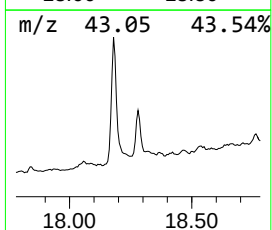
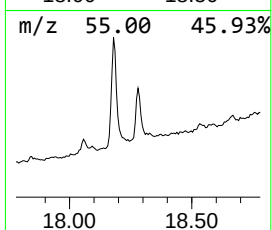
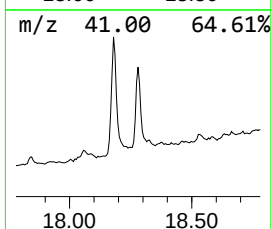
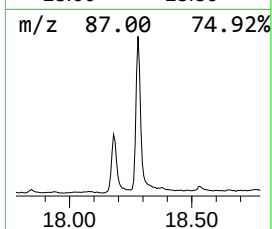
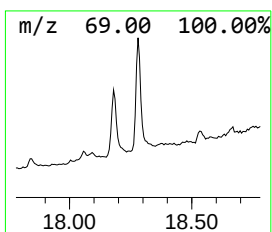
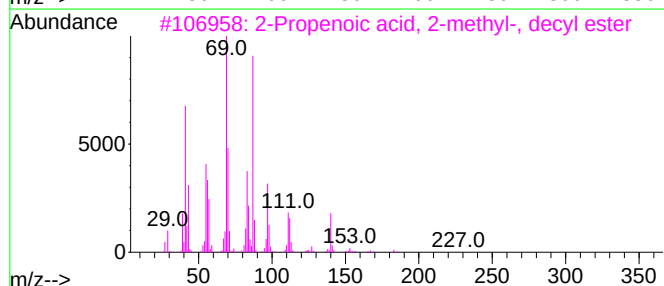
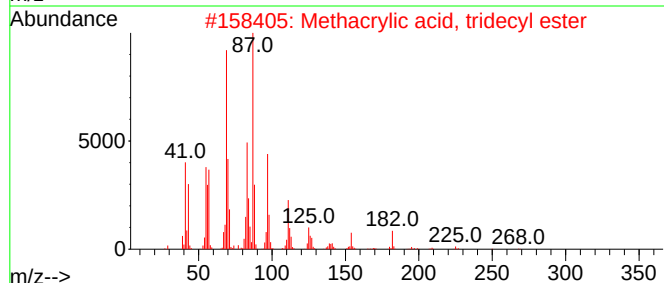
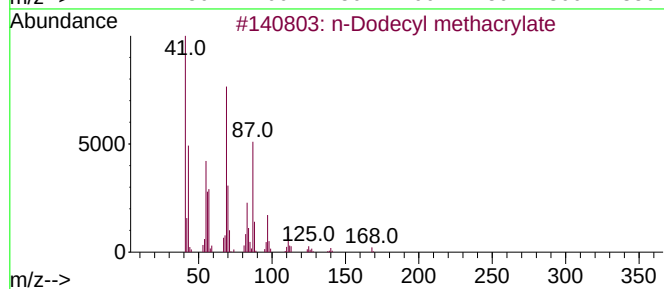
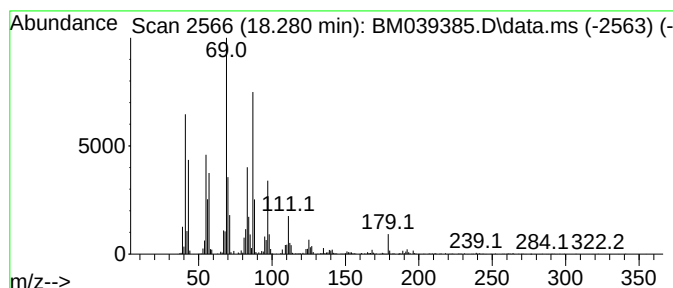
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Propenoic acid, 2-methyl-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.280	23.18 ng	2444340	Phenanthrene-d10	17.268	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	91
2	Methacrylic acid, tridecyl ester	268	C17H32O2	1000340-28-9	90
3	2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	87
4	Methacrylic acid, hexadecyl ester	310	C20H38O2	1000340-29-2	70
5	Methacrylic acid, tetradecyl ester	282	C18H34O2	1000340-29-0	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039385.D
Acq On : 10 Apr 2023 19:52
Operator : CG/JU
Sample : 02257-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ELI-SOLID-0407

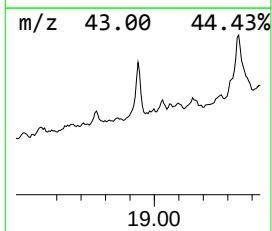
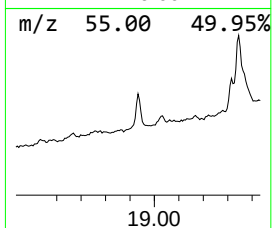
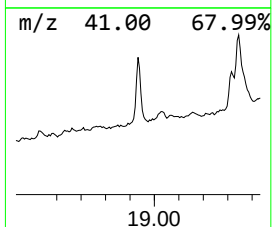
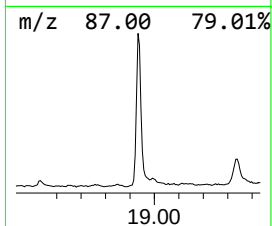
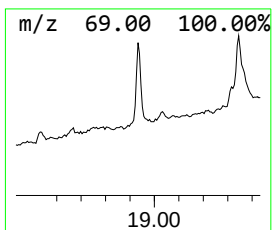
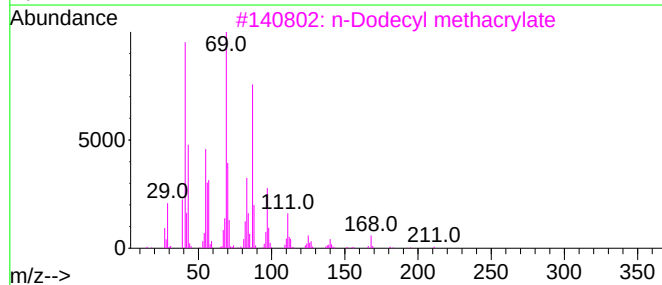
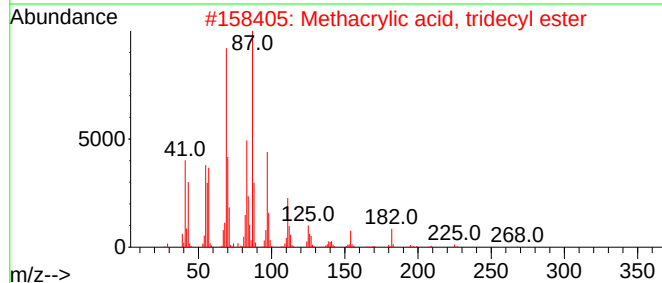
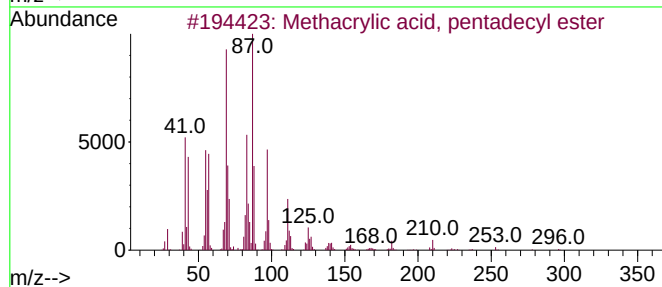
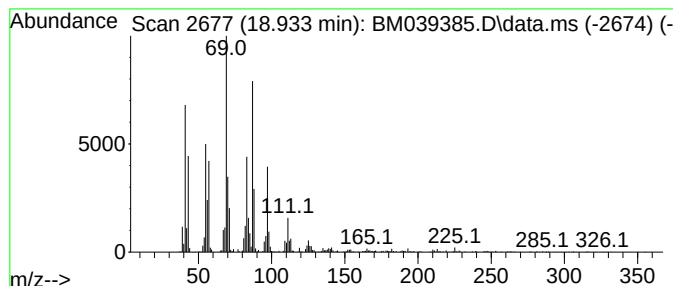
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Methacrylic acid, pentadecyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	18.03 ng	1901710	Phenanthrene-d10	17.268

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methacrylic acid, pentadecyl ester	296	C19H36O2	1000340-29-1	87
2			Methacrylic acid, tridecyl ester	268	C17H32O2	1000340-28-9	80
3			n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	74
4			2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	72
5			Methacrylic acid, tetradecyl ester	282	C18H34O2	1000340-29-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039385.D
Acq On : 10 Apr 2023 19:52
Operator : CG/JU
Sample : 02257-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

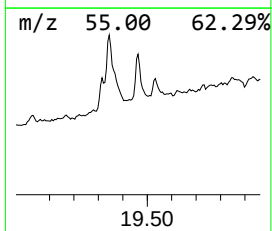
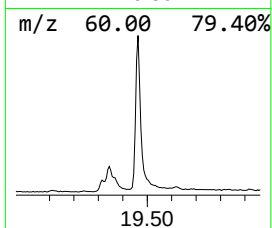
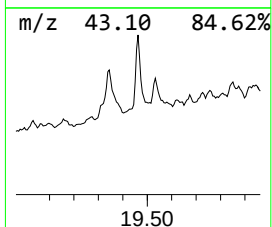
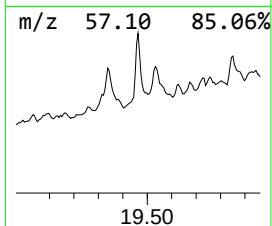
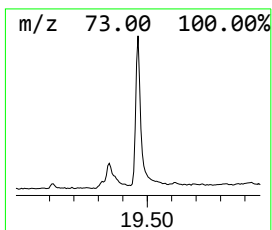
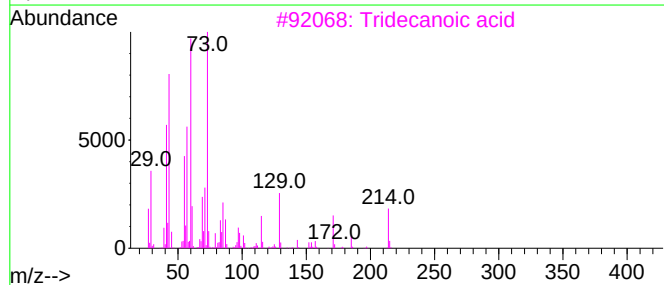
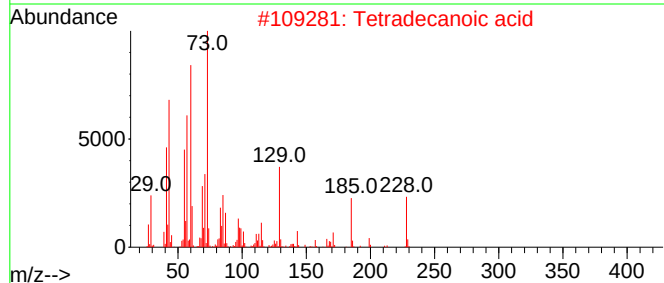
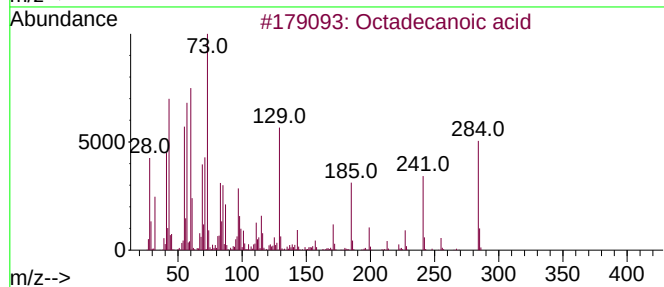
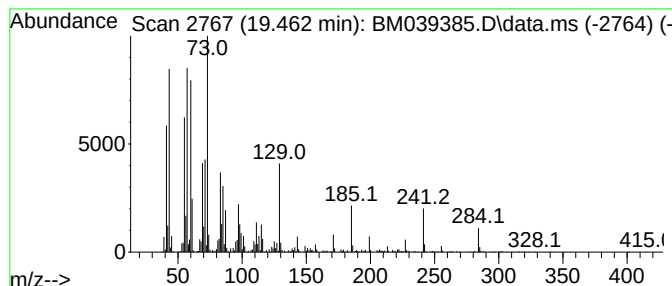
Instrument :
BNA_M
ClientSampleId :
ELI-SOLID-0407

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.462	16.52 ng	2772300	Chrysene-d12	21.468	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039385.D
Acq On : 10 Apr 2023 19:52
Operator : CG/JU
Sample : 02257-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ELI-SOLID-0407

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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...	3.293	5.1	ng	332953	1	7.869	1298600	20.0
Hexanal	4.387	3.2	ng	209267	1	7.869	1298600	20.0
2-Pentanone, 4-...	4.957	19.7	ng	1278940	1	7.869	1298600	20.0
1-Hexanol, 2-et...	7.945	8.7	ng	562938	1	7.869	1298600	20.0
Hexanoic acid, ...	9.175	4.2	ng	273663	1	7.869	1298600	20.0
1-Dodecene	10.522	3.3	ng	280729	2	10.675	1719240	20.0
unknown12.328	12.328	2.7	ng	233918	2	10.675	1719240	20.0
Phthalic anhydride	12.469	37.4	ng	3213860	2	10.675	1719240	20.0
Cyclodecane	14.169	3.8	ng	379700	3	14.522	2005570	20.0
1H-Benzotriazol...	14.827	4.8	ng	481274	3	14.522	2005570	20.0
Dodecanoic acid	14.945	2.8	ng	278421	3	14.522	2005570	20.0
Benzophenone	15.886	2.6	ng	262389	3	14.522	2005570	20.0
unknown16.680	16.680	4.0	ng	427182	4	17.268	2109200	20.0
n-Dodecyl metha...	16.810	24.9	ng	2622520	4	17.268	2109200	20.0
Tris(2-chloropr...	17.033	9.6	ng	1011690	4	17.268	2109200	20.0
Methacrylic aci...	17.568	17.7	ng	1869090	4	17.268	2109200	20.0
n-Hexadecanoic ...	18.180	57.6	ng	6071730	4	17.268	2109200	20.0
2-Propenoic aci...	18.280	23.2	ng	2444340	4	17.268	2109200	20.0
Methacrylic aci...	18.933	18.0	ng	1901710	4	17.268	2109200	20.0
Octadecanoic acid	19.462	16.5	ng	2772300	5	21.468	3356610	20.0