

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038656.D
 Acq On : 01 Feb 2023 23:57
 Operator : CG/JU
 Sample : 01228-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

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-BM020123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM038656.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.352	22	28	61	rBV	2030294	3338563	1.15%	0.160%
2	8.198	812	852	857	rBV	31580422	289383077	100.00%	13.860%
3	11.827	1468	1469	1471	rVB	19540143	7481978	2.59%	0.358%
4	11.851	1471	1473	1475	rVB	6067123	3460226	1.20%	0.166%
5	11.980	1477	1495	1498	rVB2	17530159	56968930	19.69%	2.729%
6	12.598	1555	1600	1603	rBV	11621277	87887398	30.37%	4.209%
7	13.416	1698	1739	1742	rBV	8453245	55466763	19.17%	2.657%
8	14.351	1891	1898	1903	rBV	3084251	5106460	1.76%	0.245%
9	14.745	1958	1965	1968	rBV2	5004328	9228427	3.19%	0.442%
10	15.292	2018	2058	2061	rBV4	15023520	81493302	28.16%	3.903%
11	15.427	2074	2081	2089	rVB	3453970	7259464	2.51%	0.348%
12	15.563	2089	2104	2108	rVB	35184871	106488618	36.80%	5.100%
13	15.927	2157	2166	2169	rBV	2235725	2932688	1.01%	0.140%
14	16.139	2196	2202	2212	rVB2	3659897	6104579	2.11%	0.292%
15	16.327	2228	2234	2243	rVB2	2039465	2977260	1.03%	0.143%
16	16.510	2256	2265	2268	rBV2	1684287	3883236	1.34%	0.186%
17	16.551	2268	2272	2277	rVV	4733721	7358348	2.54%	0.352%
18	16.598	2277	2280	2290	rVB2	2913884	4707483	1.63%	0.225%
19	16.880	2306	2328	2331	rVV	10189789	33911306	11.72%	1.624%
20	16.945	2331	2339	2348	rVB3	2172614	4176230	1.44%	0.200%
21	17.104	2353	2366	2377	rVV2	21251156	51974328	17.96%	2.489%
22	17.209	2377	2384	2387	rVV	10396324	14125462	4.88%	0.677%
23	17.474	2423	2429	2442	rVB	2706786	4542970	1.57%	0.218%
24	17.674	2446	2463	2466	rVV	24254097	83523643	28.86%	4.000%
25	17.821	2482	2488	2500	rBV2	3967664	5388262	1.86%	0.258%
26	17.951	2502	2510	2513	rVV	12669001	17236114	5.96%	0.826%
27	18.298	2555	2569	2576	rVB	9429577	26526002	9.17%	1.270%
28	18.439	2588	2593	2598	rBV	3296619	4220955	1.46%	0.202%
29	18.521	2601	2607	2613	rVB2	1830281	3804862	1.31%	0.182%
30	18.639	2620	2627	2631	rVB	12874238	16369477	5.66%	0.784%
31	18.868	2661	2666	2675	rVB4	1604421	3944161	1.36%	0.189%
32	18.998	2675	2688	2691	rBV	21408474	51597974	17.83%	2.471%
33	19.045	2692	2696	2706	rVV	2107812	3809738	1.32%	0.182%
34	19.145	2706	2713	2716	rVV	20183736	31464633	10.87%	1.507%
35	19.215	2718	2725	2729	rVV5	3126272	8282868	2.86%	0.397%
36	19.274	2730	2735	2740	rVV2	13205928	20826077	7.20%	0.997%

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37	19.498	2754	2773	2775	rBV	28067045	110544266	38.20%	5.294%
38	19.521	2775	2777	2779	rVV	4552913	5409141	1.87%	0.259%
39	19.556	2779	2783	2796	rVV	19601709	34334287	11.86%	1.644%
40	19.680	2797	2804	2807	rVV	20739816	32178051	11.12%	1.541%
41	19.815	2823	2827	2829	rBV	2836480	3456699	1.19%	0.166%
42	19.839	2829	2831	2835	rVB	3096374	2951234	1.02%	0.141%
43	19.950	2846	2850	2854	rBV	3721017	4489935	1.55%	0.215%
44	20.015	2855	2861	2868	rVB2	3496446	5328016	1.84%	0.255%
45	20.239	2894	2899	2903	rVB	7552790	7808397	2.70%	0.374%
46	20.380	2918	2923	2928	rBV	3886319	4709961	1.63%	0.226%
47	20.492	2933	2942	2945	rBV	20232829	34748776	12.01%	1.664%
48	20.945	2995	3019	3022	rBV2	43936521	202066188	69.83%	9.678%
49	21.062	3036	3039	3042	rVB	3572446	3835452	1.33%	0.184%
50	21.203	3058	3063	3067	rVB	10515867	11096542	3.83%	0.531%
51	21.368	3086	3091	3094	rBV	2668482	3260847	1.13%	0.156%
52	21.750	3149	3156	3158	rBV	13444037	19203459	6.64%	0.920%
53	21.797	3158	3164	3170	rVV7	6201604	21029500	7.27%	1.007%
54	22.015	3193	3201	3204	rBV	15932772	22449377	7.76%	1.075%
55	22.192	3209	3231	3234	rBV2	38379689	178264247	61.60%	8.538%
56	22.315	3249	3252	3261	rVB	1863367	3131299	1.08%	0.150%
57	23.127	3381	3390	3397	rBV2	3799677	9919985	3.43%	0.475%
58	23.244	3397	3410	3423	rVB	24198659	65211536	22.53%	3.123%
59	23.668	3460	3482	3486	rBV	21748788	95074504	32.85%	4.554%
60	23.850	3507	3513	3519	rVB	2359625	4122952	1.42%	0.197%
61	25.015	3706	3711	3724	rVB2	1098020	3071311	1.06%	0.147%
62	25.191	3732	3741	3750	rVB	4141684	9667714	3.34%	0.463%
63	25.780	3821	3841	3854	rBV	8112092	31702502	10.96%	1.518%
64	26.068	3882	3890	3902	rVB	1703248	4673693	1.62%	0.224%
65	27.103	4054	4066	4072	rBV3	2648506	9771659	3.38%	0.468%
66	27.179	4073	4079	4087	rVB2	3201535	8859693	3.06%	0.424%
67	29.044	4380	4396	4408	rVB2	1854045	8296163	2.87%	0.397%

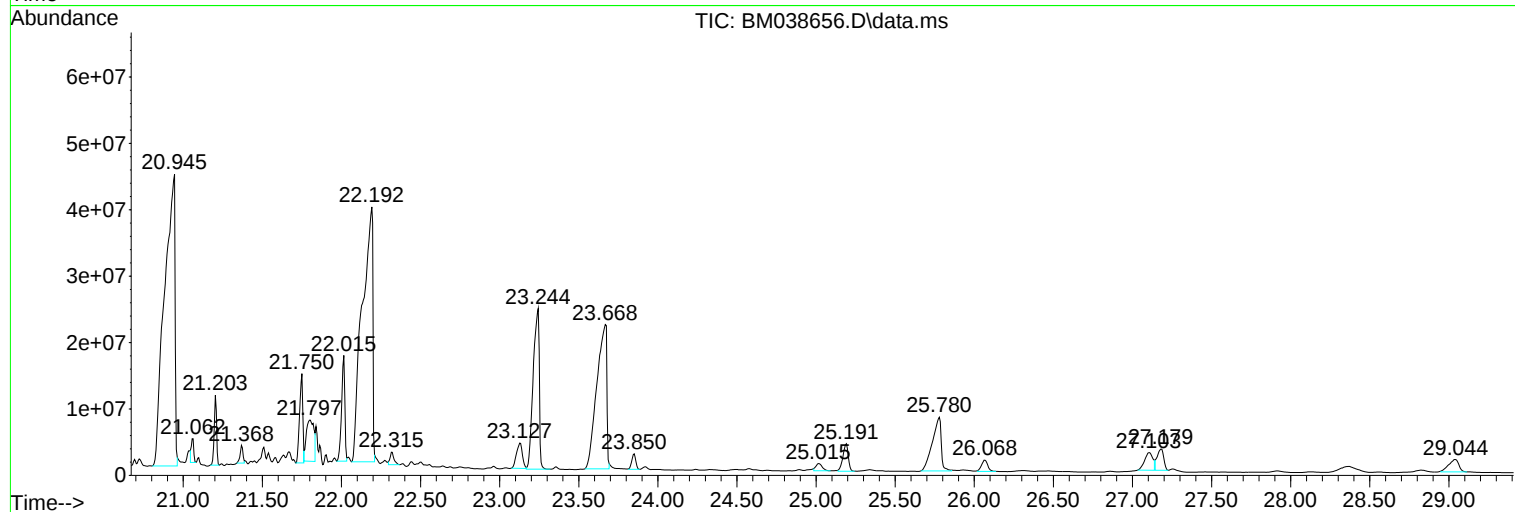
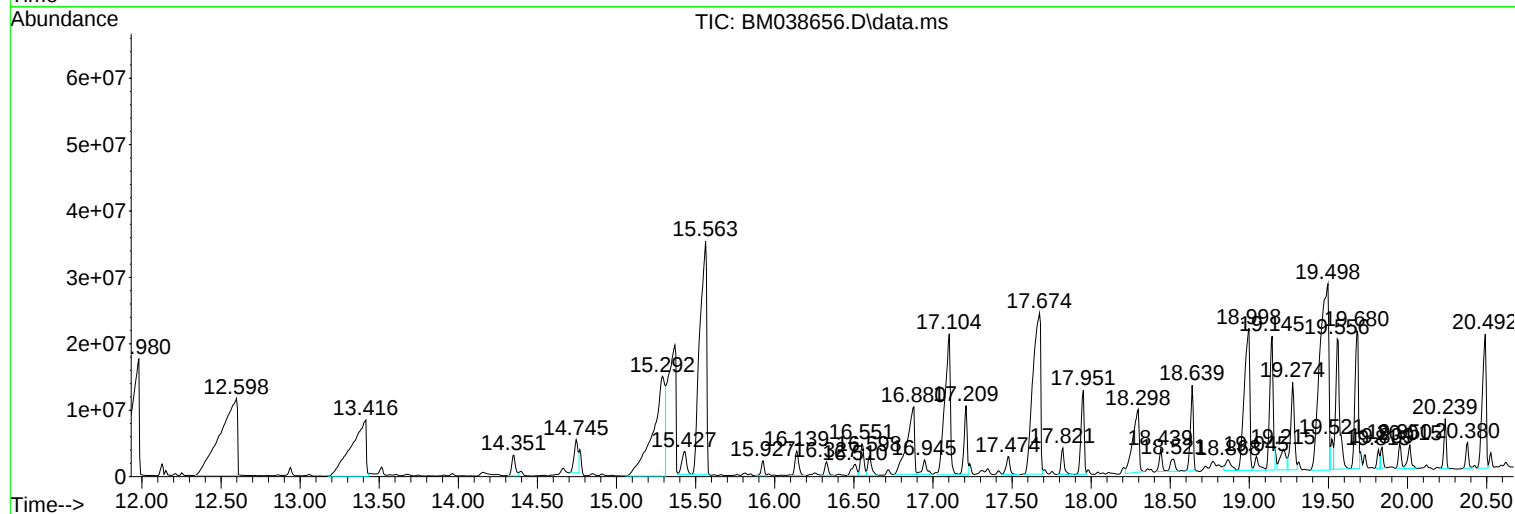
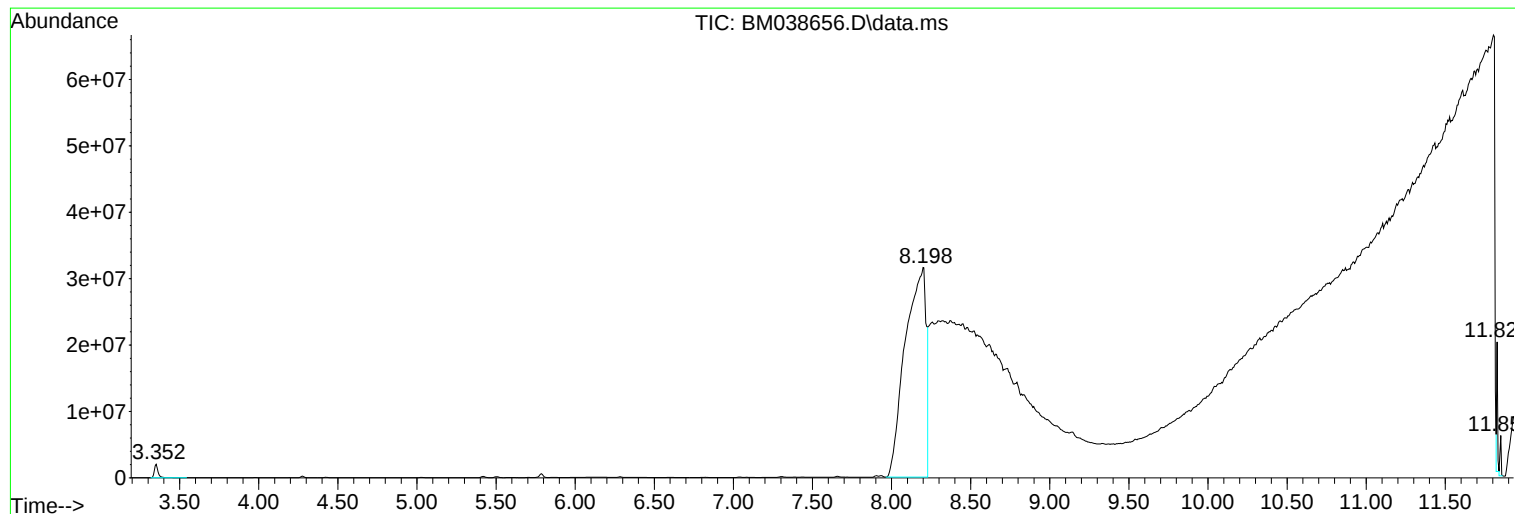
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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EFF-WW

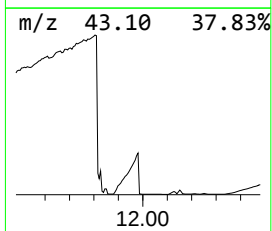
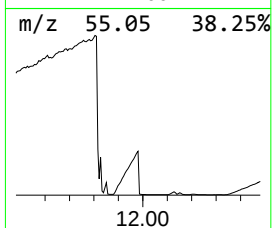
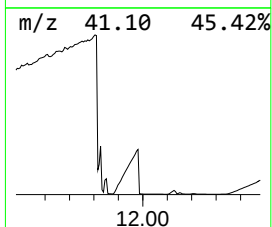
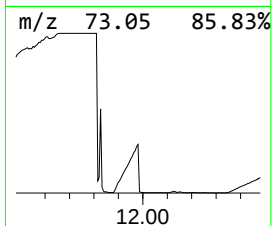
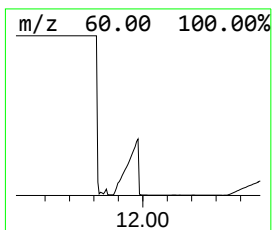
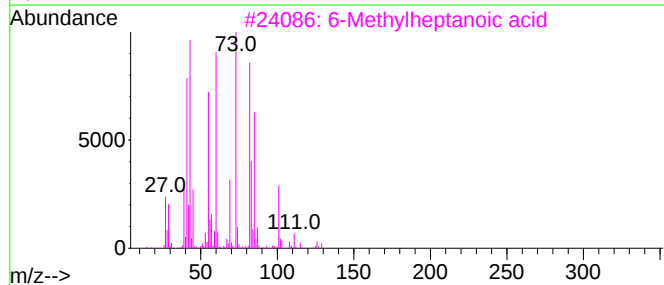
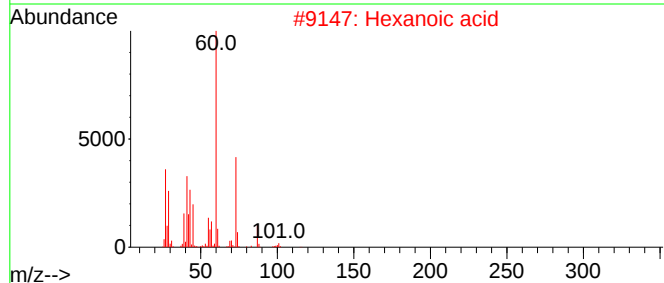
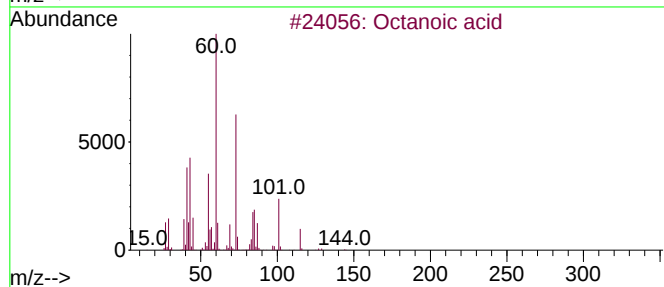
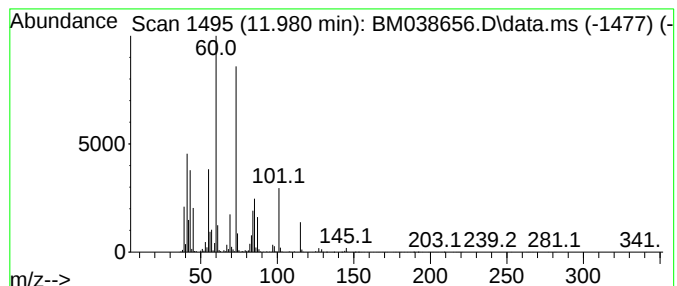
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	152.28 ng	56968900	Naphthalene-d8	10.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanoic acid	144	C8H16O2	000124-07-2	96
2			Hexanoic acid	116	C6H12O2	000142-62-1	50
3			6-Methylheptanoic acid	144	C8H16O2	000929-10-2	50
4			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	47
5			Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	43



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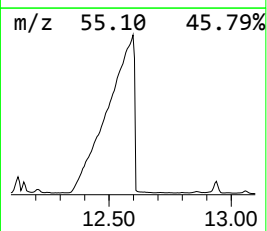
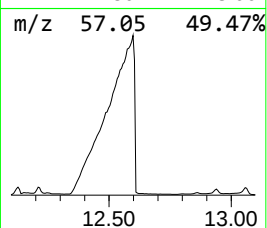
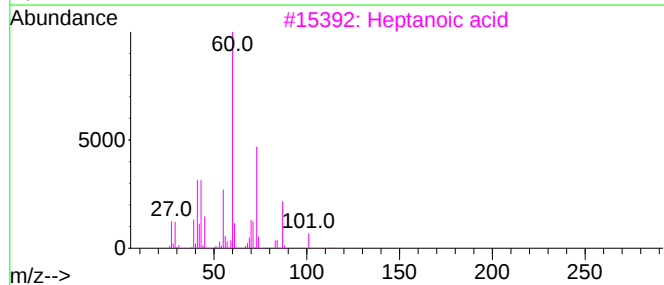
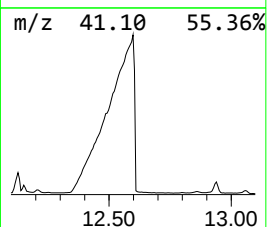
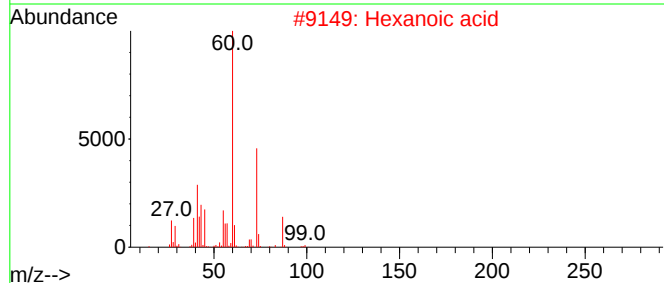
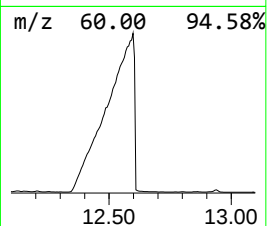
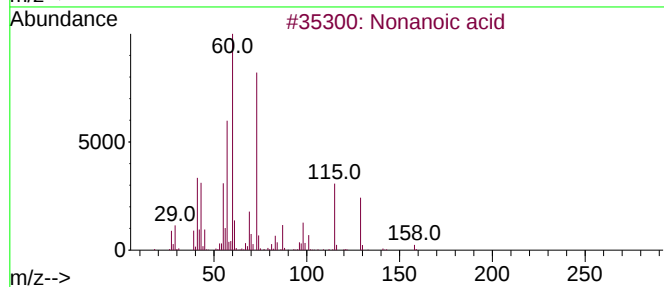
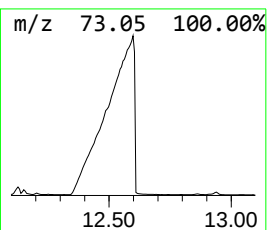
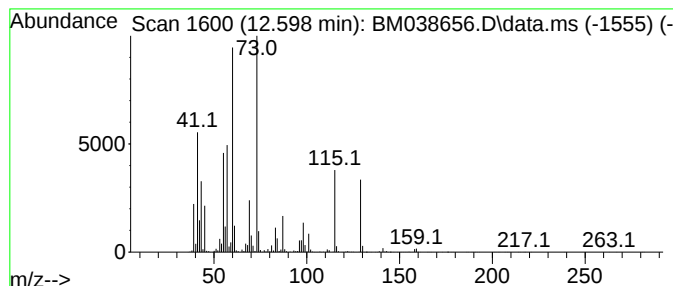
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	234.93 ng	87887400	Naphthalene-d8	10.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanoic acid	158	C9H18O2	000112-05-0	94
2			Hexanoic acid	116	C6H12O2	000142-62-1	50
3			Heptanoic acid	130	C7H14O2	000111-14-8	47
4			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	43
5			Octanoic acid	144	C8H16O2	000124-07-2	42



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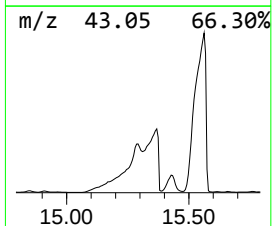
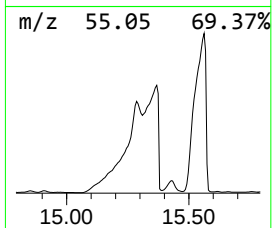
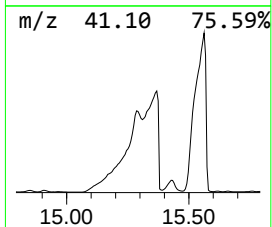
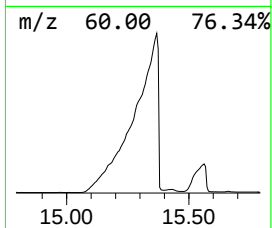
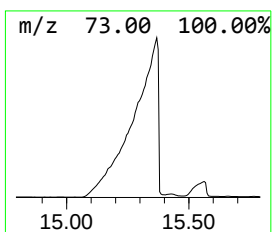
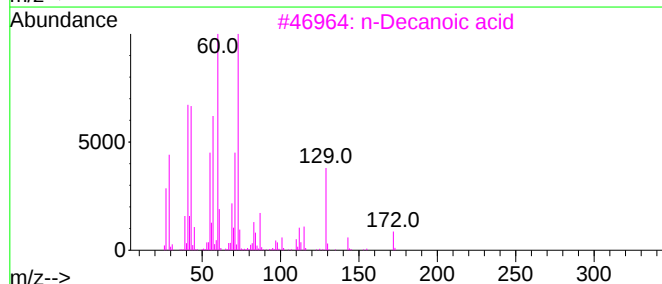
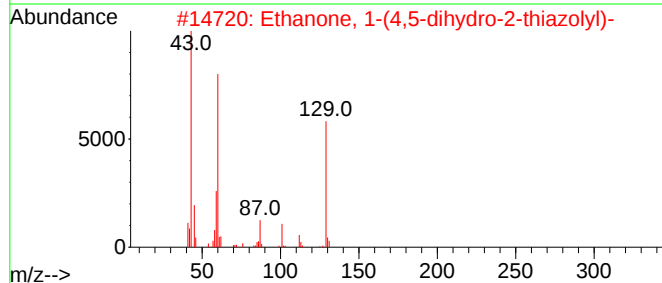
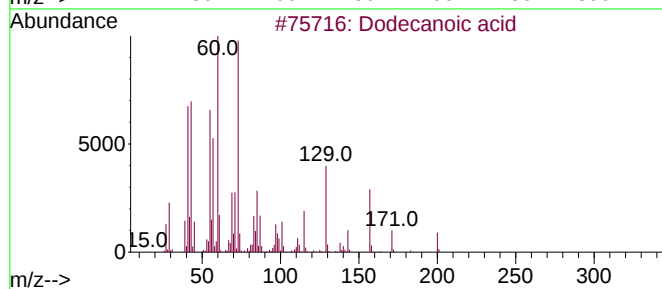
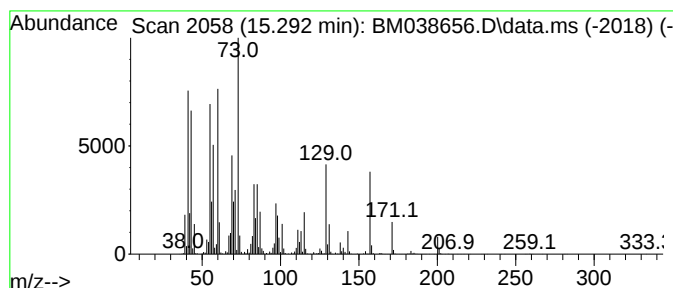
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Peak Number 3 Dodecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.292	176.61 ng	81493300	Acenaphthene-d10	14.721	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43
3	n-Decanoic acid	172	C10H20O2	000334-48-5	40
4	Nonanoic acid	158	C9H18O2	000112-05-0	38
5	Undecanoic acid	186	C11H22O2	000112-37-8	38



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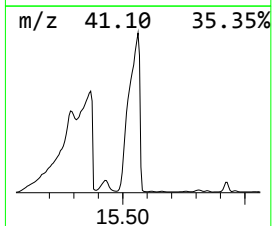
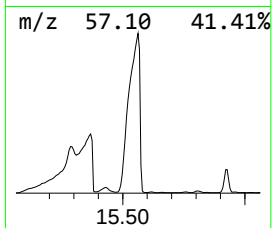
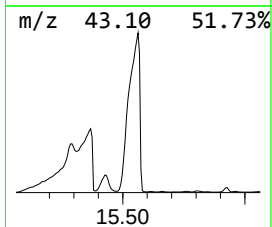
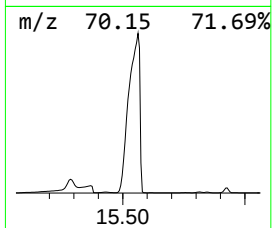
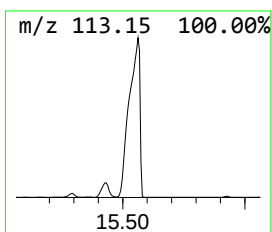
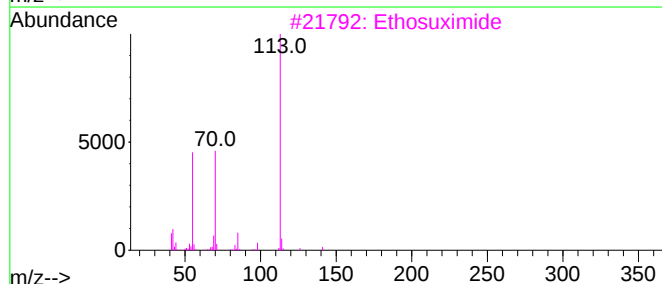
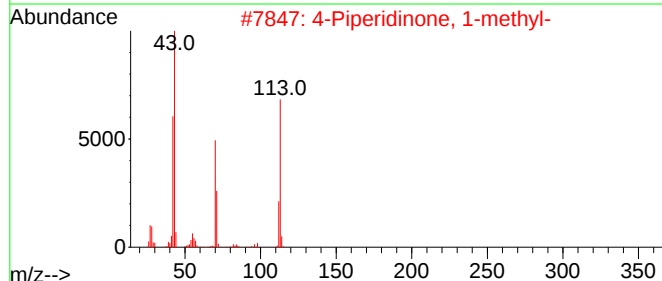
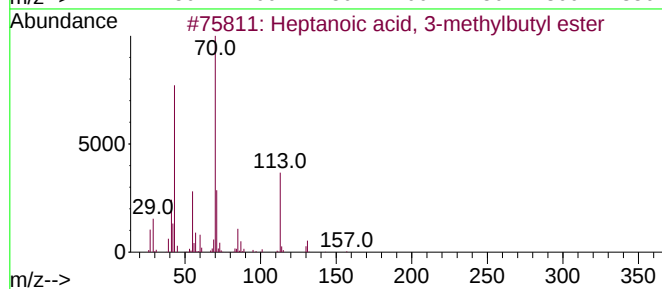
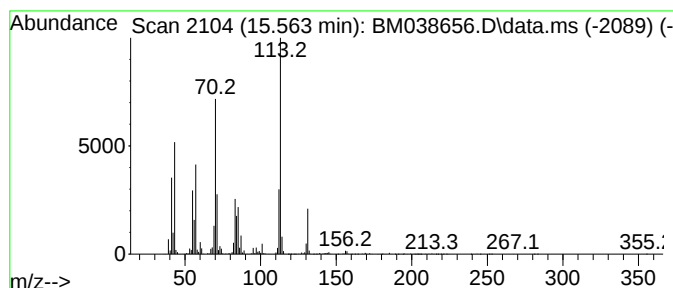
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptanoic acid, 3-methylbut... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.563	230.78 ng	106489000	Acenaphthene-d10	14.721

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptanoic acid, 3-methylbutyl ester	200	C12H24O2	000109-25-1	59
2		4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	53
3		Ethosuximide	141	C7H11NO2	000077-67-8	50
4		Pyrrolidine, 1-acetyl-	113	C6H11NO	004030-18-6	50
5		1,3,5-Triazine-2,4(1H,3H)-dione	113	C3H3N3O2	000071-33-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
Operator : CG/JU
Sample : 01228-02
Misc :
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Instrument :
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ClientSampleId :
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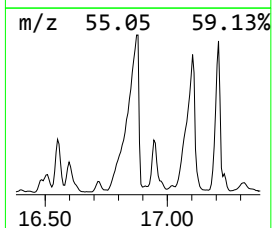
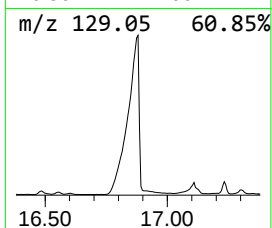
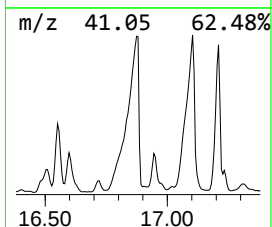
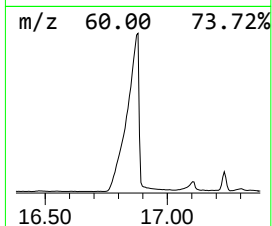
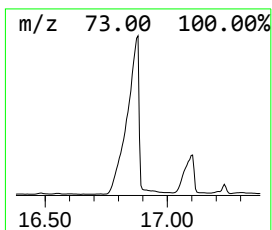
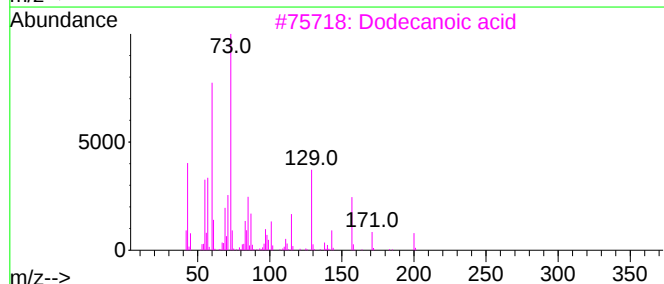
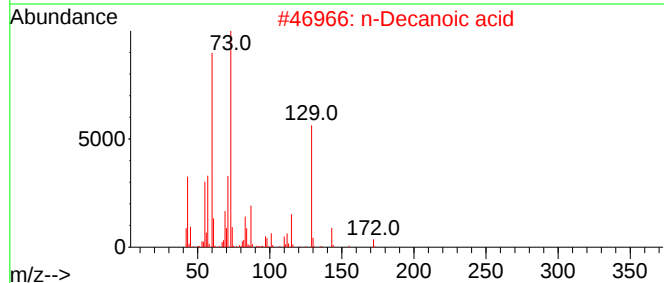
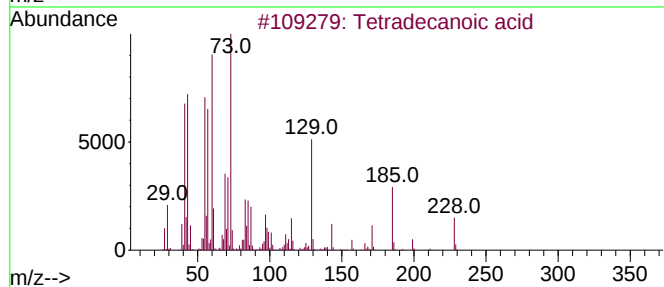
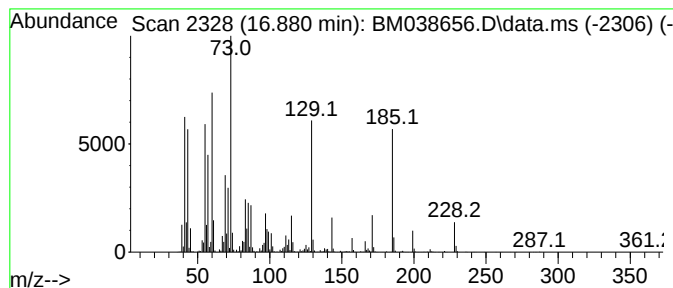
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.880	149.29 ng	33911300	Phenanthrene-d10	17.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2			n-Decanoic acid	172	C10H20O2	000334-48-5	60
3			Dodecanoic acid	200	C12H24O2	000143-07-7	58
4			Tridecanoic acid	214	C13H26O2	000638-53-9	52
5			Undecanoic acid	186	C11H22O2	000112-37-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
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Sample : 01228-02
Misc :
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ClientSampleId :
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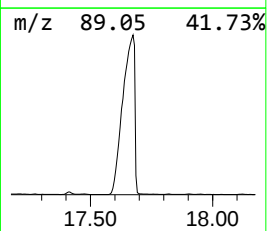
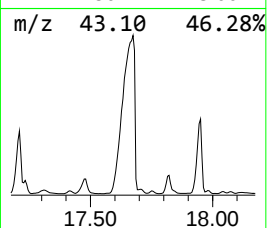
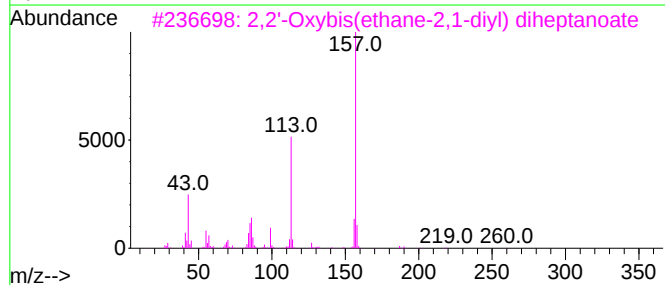
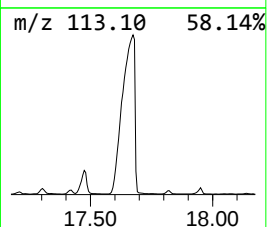
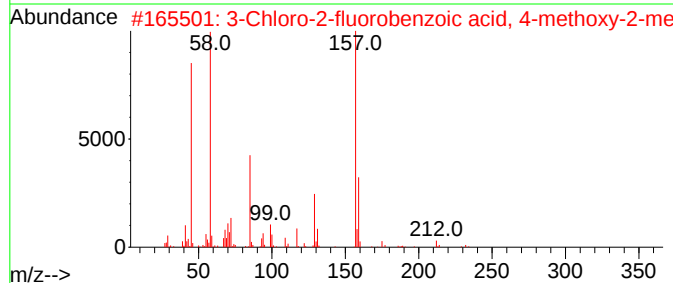
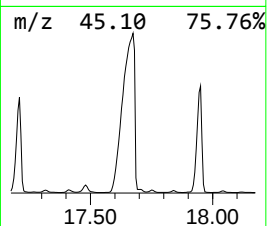
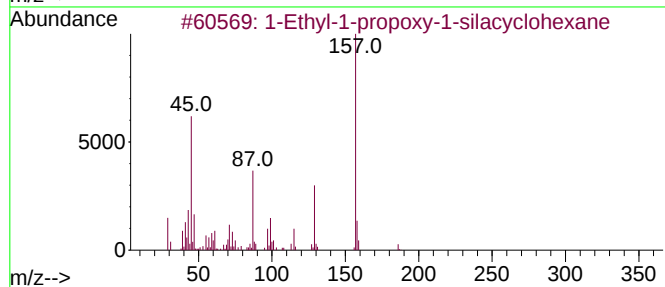
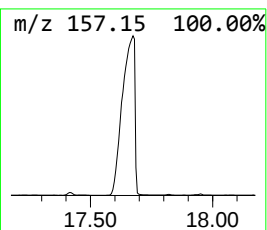
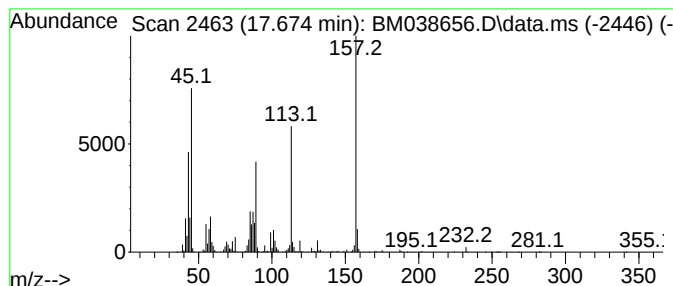
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown17.674 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.674	367.70 ng	83523600	Phenanthrene-d10	17.345

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-1-propoxy-1-silacyclohexane	186	C10H22OSi	1000280-09-9	47
2		3-Chloro-2-fluorobenzoic acid, 4-methoxy-2-methyl-	274	C13H16ClFO3	1000360-58-4	43
3		2,2'-Oxybis(ethane-2,1-diyl) diheptanoate	330	C18H34O5	1000367-06-1	43
4		1,4,7,10,13,16-Hexaoxacyclooctadecane	264	C12H24O6	017455-13-9	38
5		Ethanol, 2-[2-(ethenyloxy)ethoxy]-	132	C6H12O3	000929-37-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
Operator : CG/JU
Sample : 01228-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

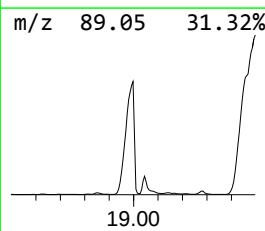
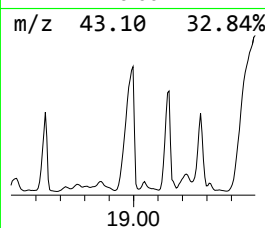
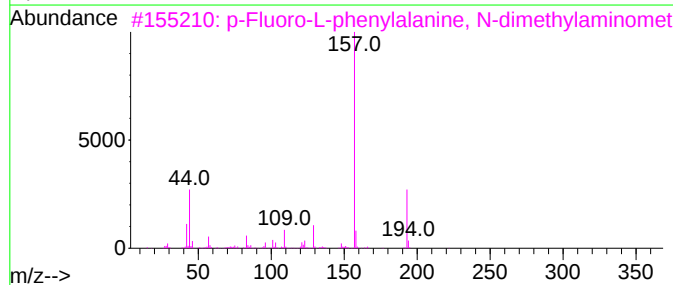
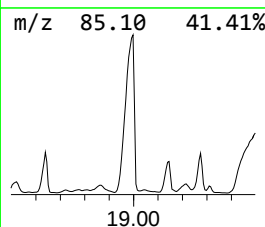
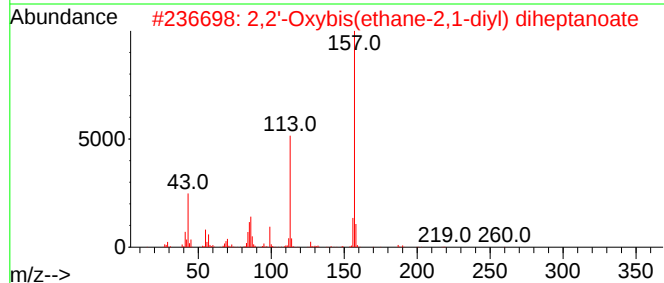
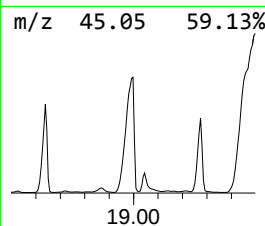
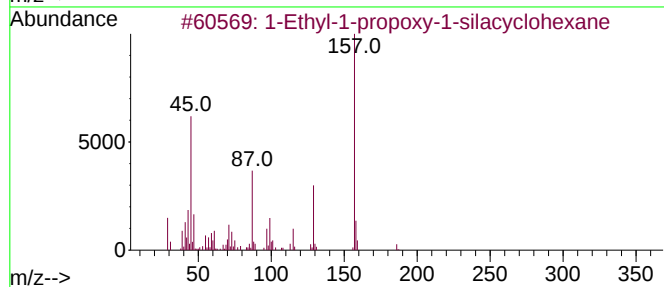
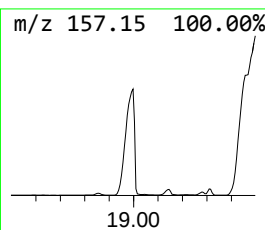
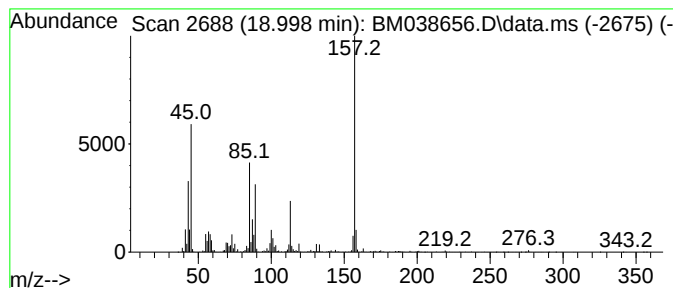
Instrument :
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ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown18.898 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	227.16 ng	51598000	Phenanthrene-d10	17.345
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		1-Ethyl-1-propoxy-1-silacyclohexane	186 C10H22OSi	1000280-09-9 43
2		2,2'-Oxybis(ethane-2,1-diyl) diheptanoate	330 C18H34O5	1000367-06-1 25
3		p-Fluoro-L-phenylalanine, N-dimethylaminomet	266 C14H19FN2O2	1000375-82-7 22
4		Heptaethylene glycol	326 C14H30O8	005617-32-3 18
5		Pentaethylene glycol	238 C10H22O6	004792-15-8 18



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
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Operator : CG/JU
Sample : 01228-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

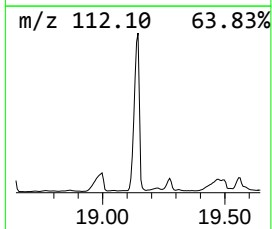
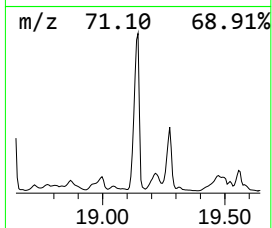
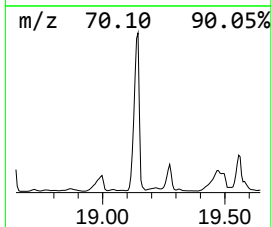
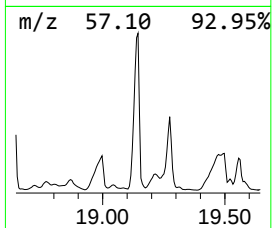
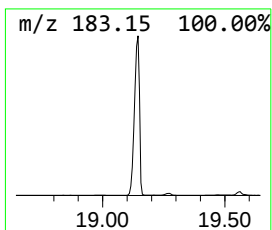
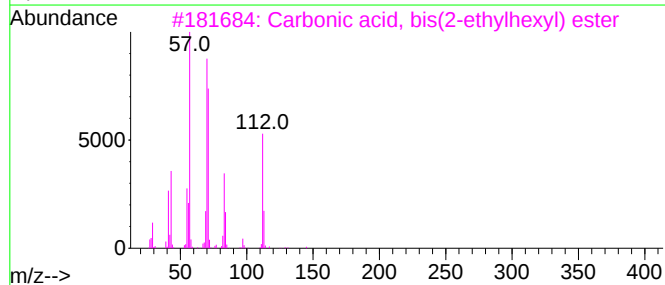
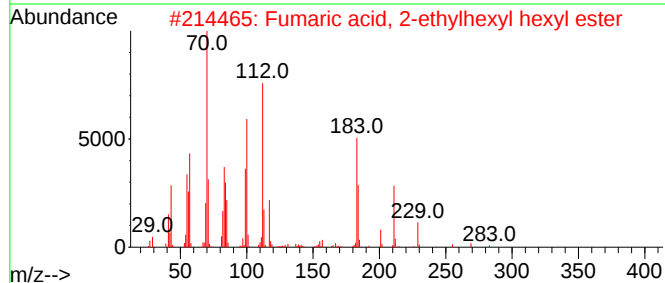
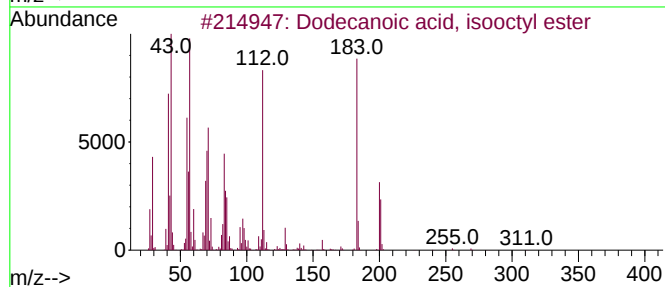
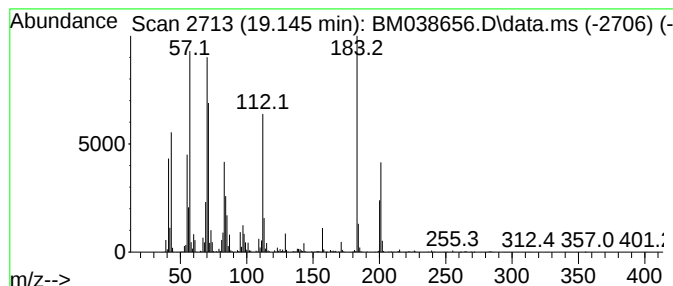
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecanoic acid, isooctyl e... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.145	138.52 ng	31464600	Phenanthrene-d10	17.345	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, isooctyl ester	312	C20H40O2	084713-06-4	78
2	Fumaric acid, 2-ethylhexyl hexyl...	312	C18H32O4	1000339-14-1	50
3	Carbonic acid, bis(2-ethylhexyl)...	286	C17H34O3	014858-73-2	49
4	Fumaric acid, 2-ethylhexyl nonyl...	354	C21H38O4	1000339-14-3	38
5	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
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Sample : 01228-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

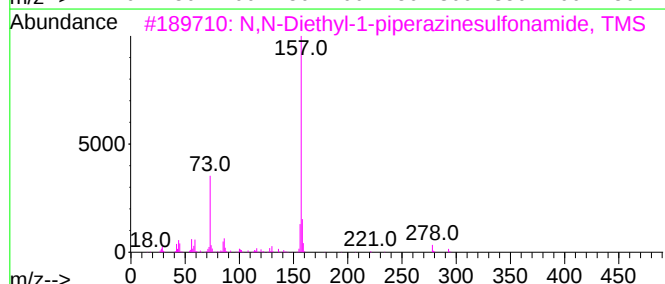
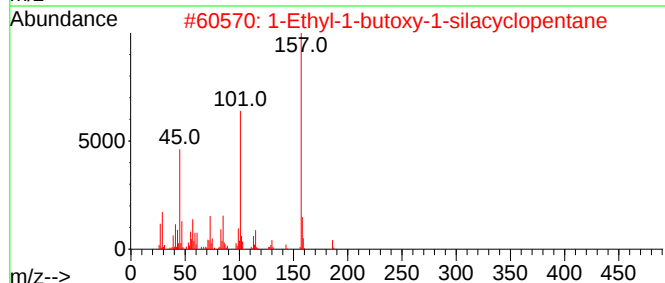
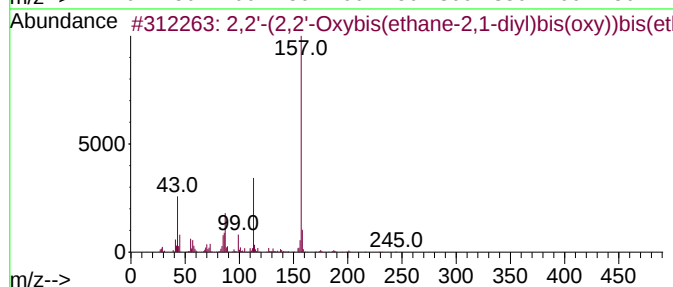
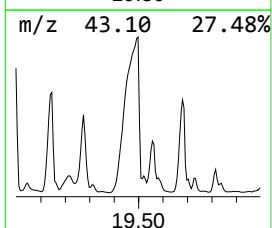
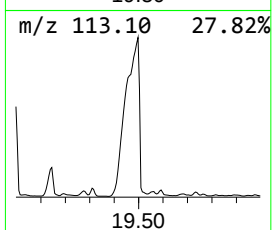
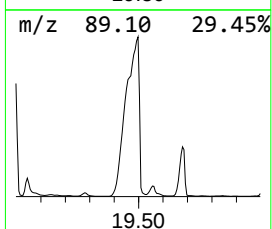
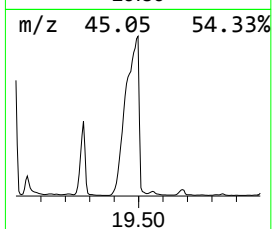
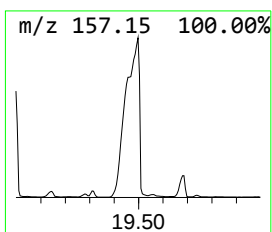
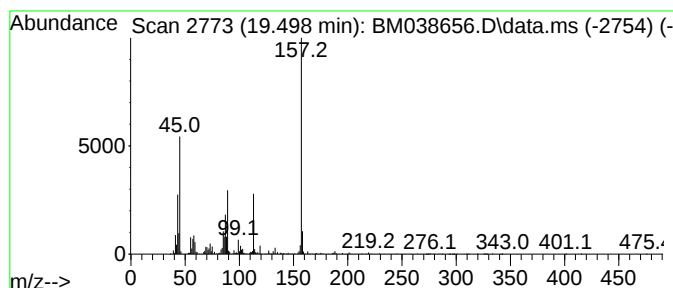
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2,2'-(2,2'-Oxybis(ethane-2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.498	678.01 ng	110544000	Chrysene-d12		21.509	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,2'-(2,2'-Oxybis(ethane-2,1-diy...		418	C22H42O7	1000367-06-3	52
2	1-Ethyl-1-butoxy-1-silacyclopentane		186	C10H22OSi	1000279-31-7	38
3	N,N-Diethyl-1-piperazinesulfonam...		293	C11H27N3O2SSi	1000506-64-1	35
4	Tetraethylene glycol		194	C8H18O5	000112-60-7	22
5	1,4,7,10,13,16-Hexaoxacyclooctad...		264	C12H24O6	017455-13-9	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
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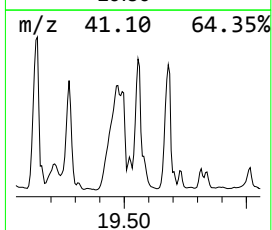
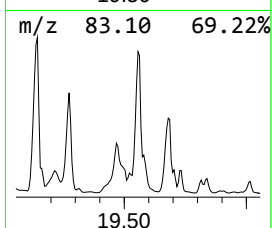
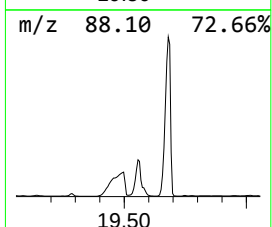
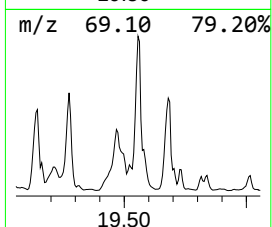
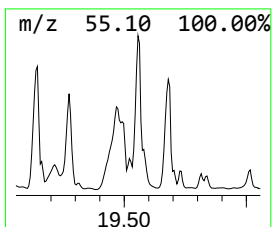
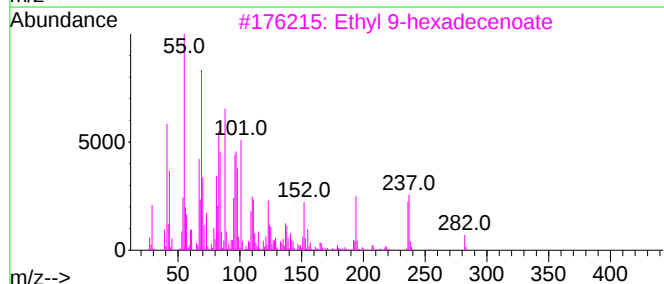
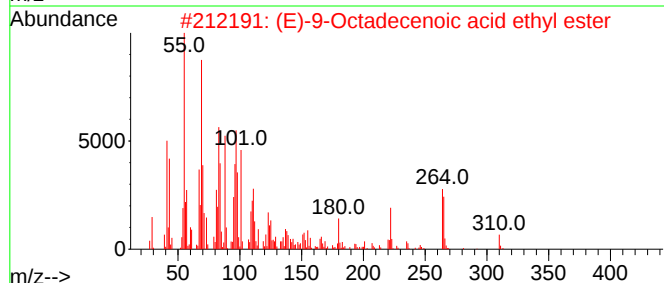
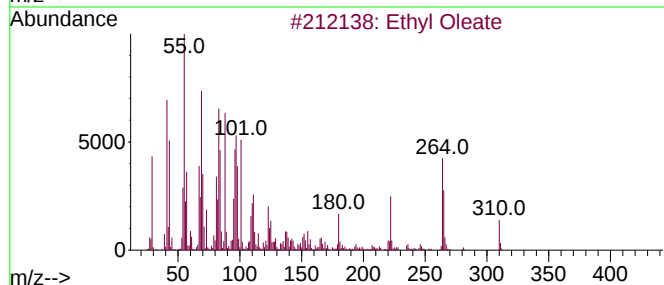
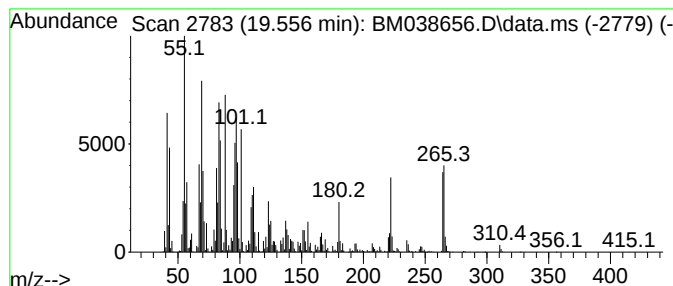
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Ethyl Oleate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.			
19.556	210.59 ng	34334300	Chrysene-d12	21.509			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Oleate	310	C20H38O2	000111-62-6	94
2			(E)-9-Octadecenoic acid ethyl ester	310	C20H38O2	006114-18-7	93
3			Ethyl 9-hexadecenoate	282	C18H34O2	054546-22-4	81
4			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	70
5			8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
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Sample : 01228-02
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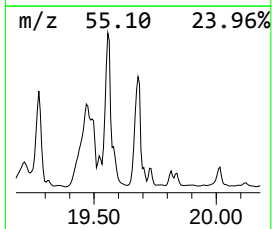
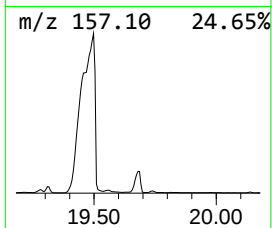
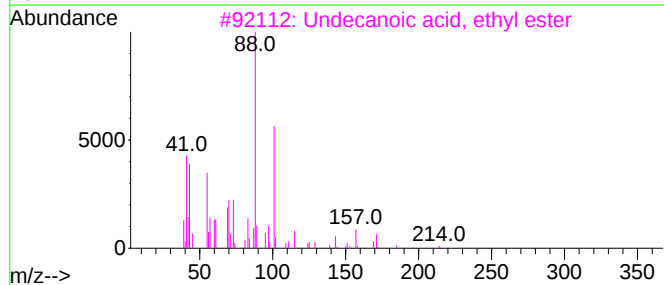
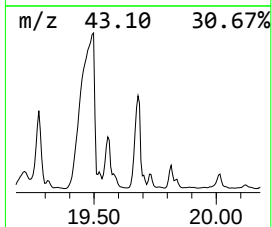
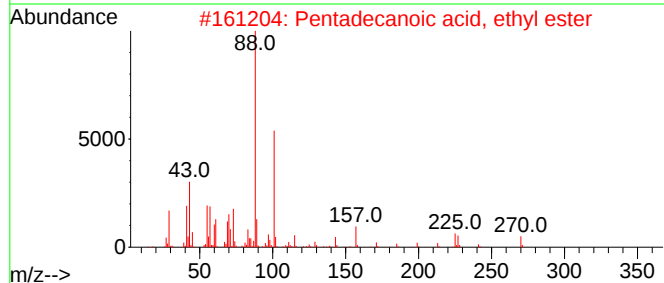
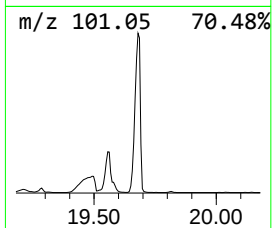
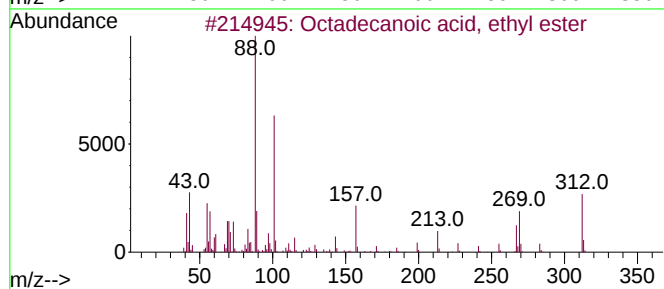
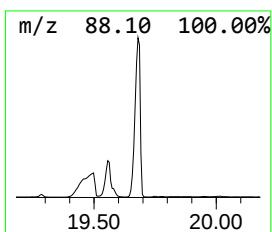
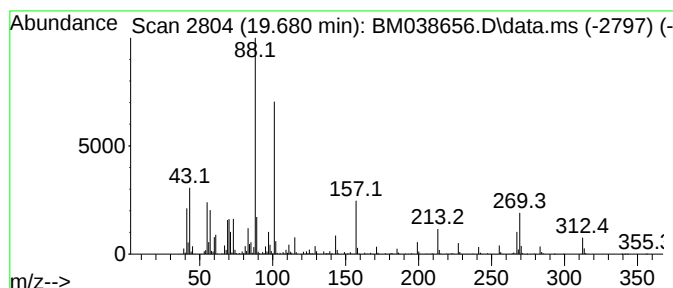
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BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid, ethyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.680	197.36 ng	32178100	Chrysene-d12	21.509	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	98
2	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	94
3	Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	76
4	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	74
5	8-Methylnonanoic acid, ethyl ester	200	C12H24O2	1000452-00-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
Operator : CG/JU
Sample : 01228-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

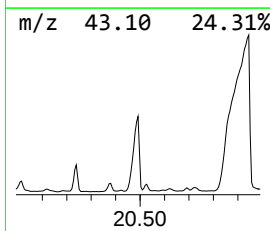
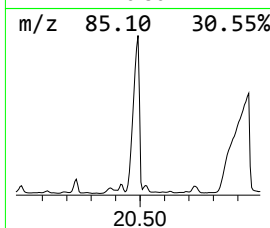
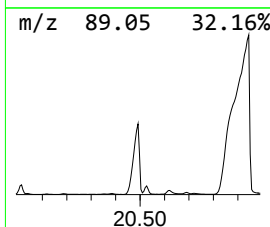
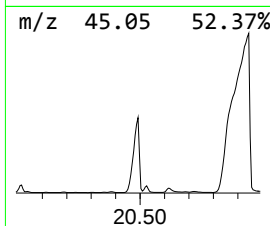
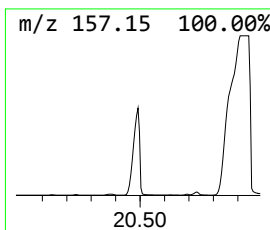
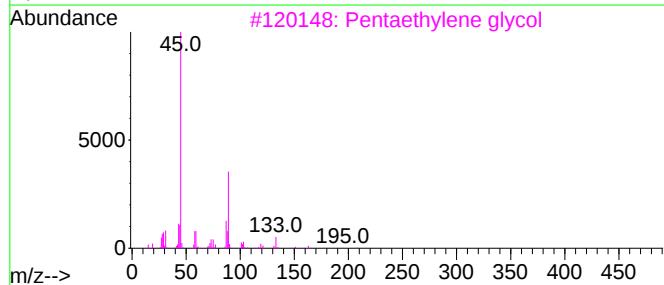
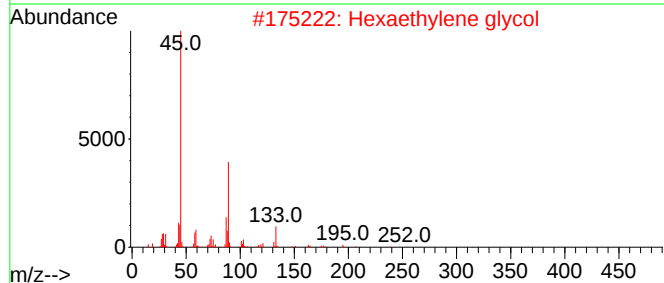
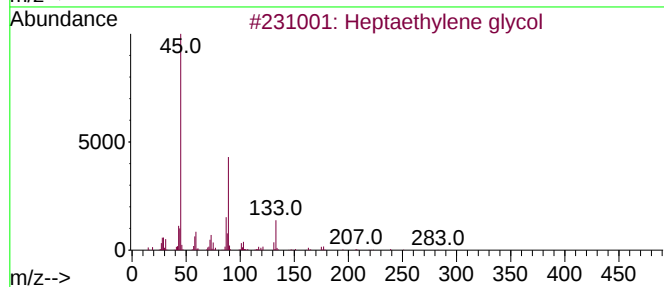
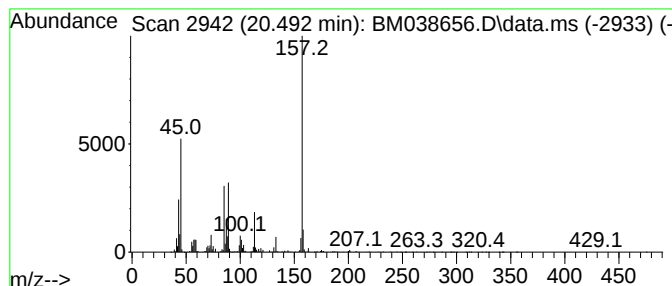
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown20.492 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.492	213.13 ng	34748800	Chrysene-d12	21.509	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol	326	C14H30O8	005617-32-3	30
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	25
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	22
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	22
5	2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	003386-18-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
Operator : CG/JU
Sample : 01228-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

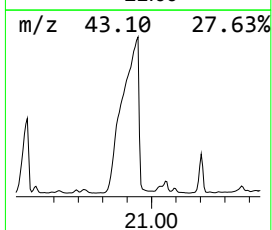
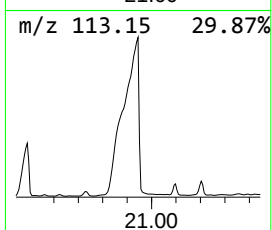
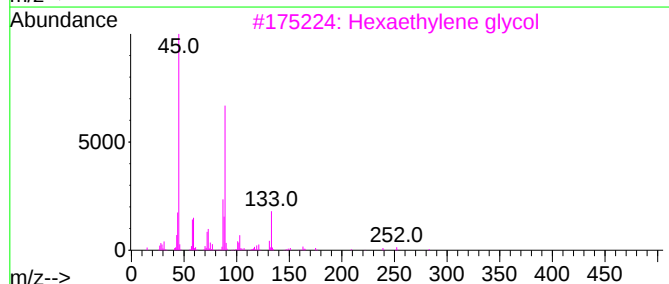
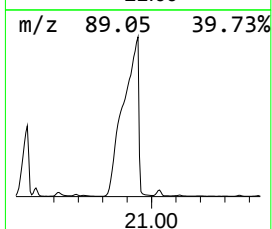
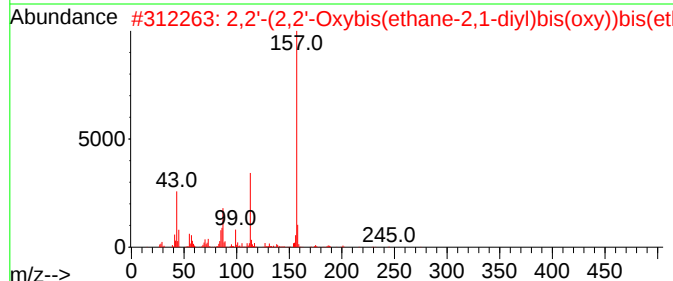
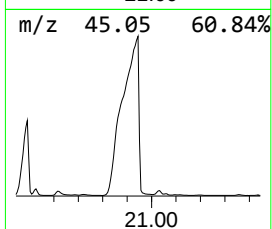
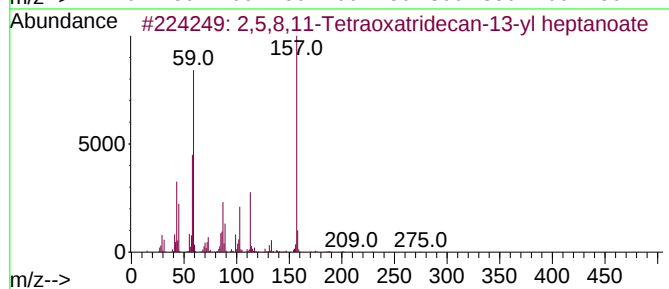
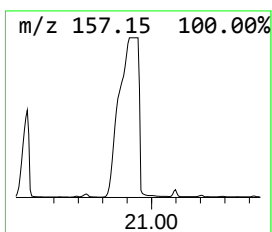
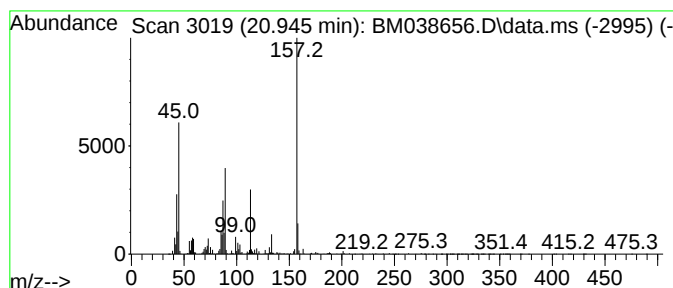
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2,5,8,11-Tetraoxatridecan-1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.945	1239.35 ng	202066000	Chrysene-d12	21.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11-Tetraoxatridecan-13-yl ...	320	C16H32O6	1000367-04-8	58		
2	2,2'-(2,2'-Oxybis(ethane-2,1-diy...	418	C22H42O7	1000367-06-3	49		
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	38		
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	35		
5	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	003386-18-3	35		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
Operator : CG/JU
Sample : 01228-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

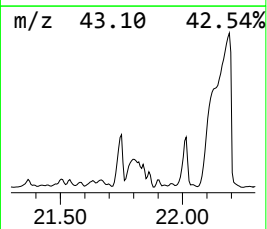
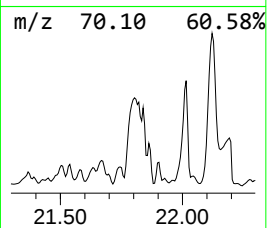
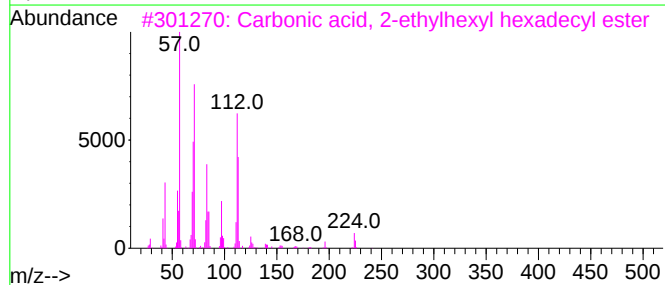
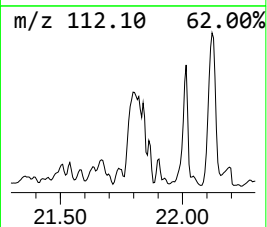
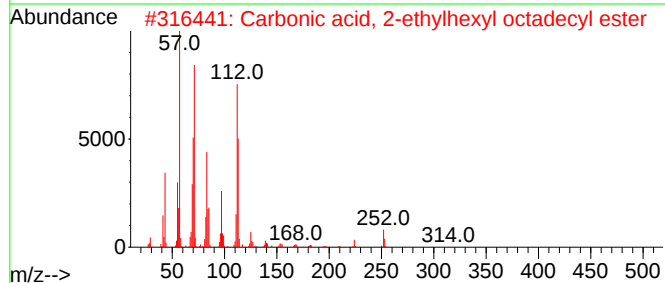
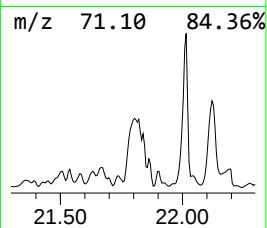
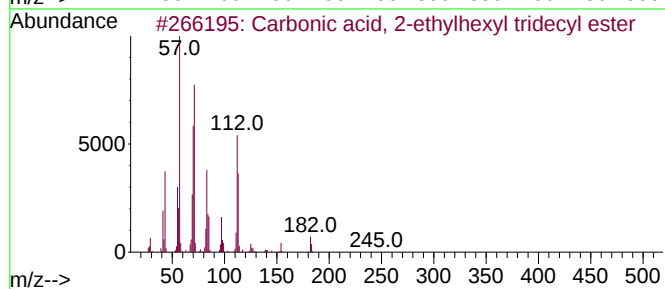
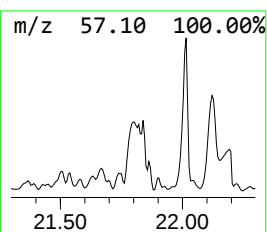
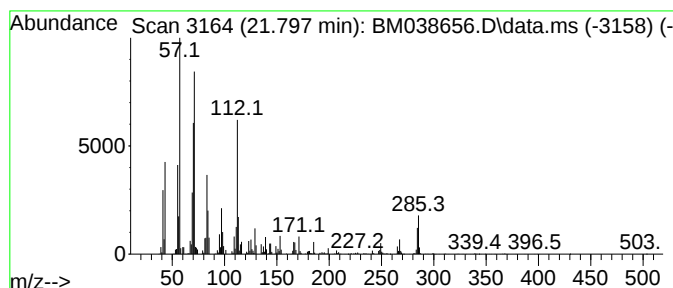
Instrument :
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ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Carbonic acid, 2-ethylhexyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.797	128.98 ng	21029500	Chrysene-d12		21.509	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbonic acid, 2-ethylhexyl trid...		356	C22H44O3	1000383-14-0	72
2	Carbonic acid, 2-ethylhexyl octa...		426	C27H54O3	1000383-14-5	64
3	Carbonic acid, 2-ethylhexyl hexa...		398	C25H50O3	1000383-14-3	64
4	Octyl tetracosyl ether		467	C32H66O	1000406-39-0	43
5	Carbonic acid, 2-ethylhexyl octy...		286	C17H34O3	1000383-13-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
Operator : CG/JU
Sample : 01228-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

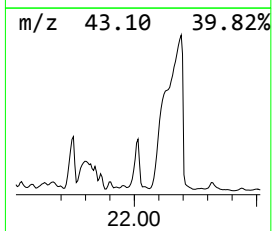
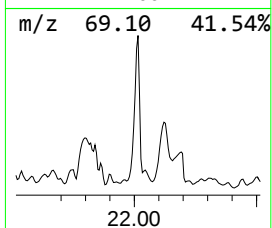
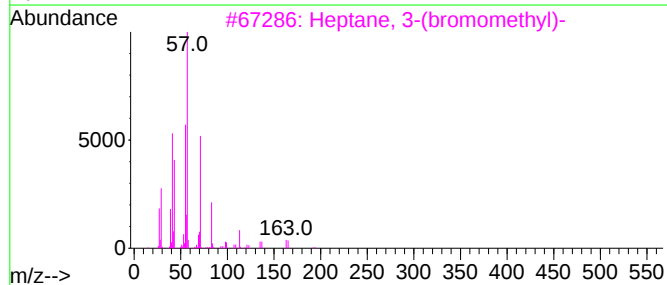
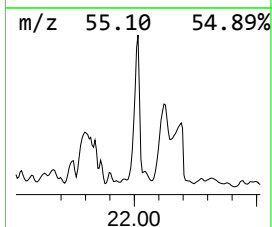
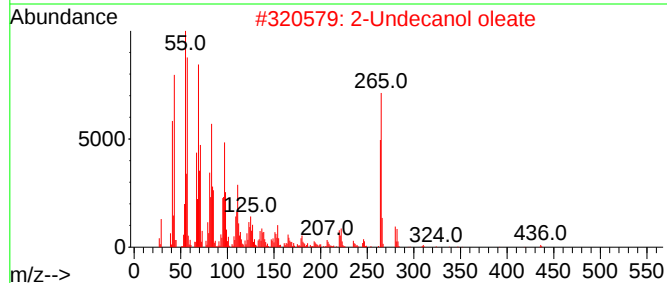
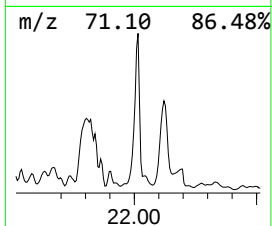
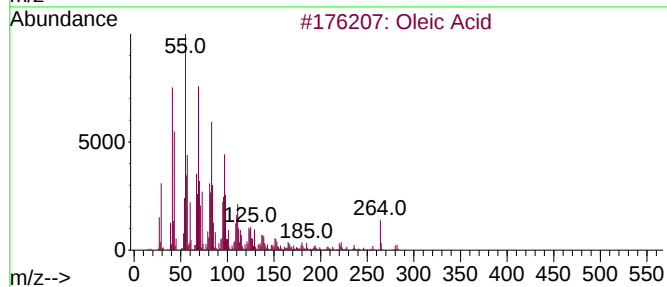
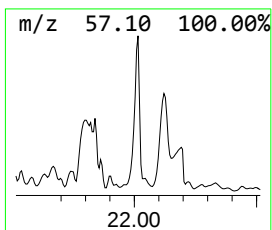
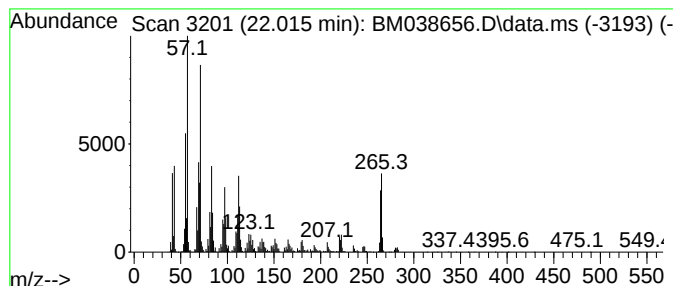
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Oleic Acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.015	137.69 ng	22449400	Chrysene-d12		21.509	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Oleic Acid		282	C18H34O2	000112-80-1	64
2	2-Undecanol oleate		436	C29H56O2	1000465-66-9	55
3	Heptane, 3-(bromomethyl)-		192	C8H17Br	018908-66-2	49
4	9-Octadecenoic acid, (E)-		282	C18H34O2	000112-79-8	38
5	Nonane, 4-methyl-5-propyl-		184	C13H28	062185-55-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
Operator : CG/JU
Sample : 01228-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

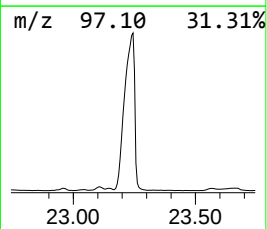
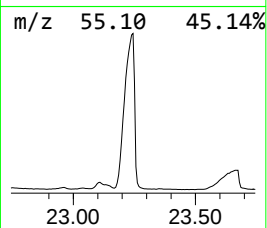
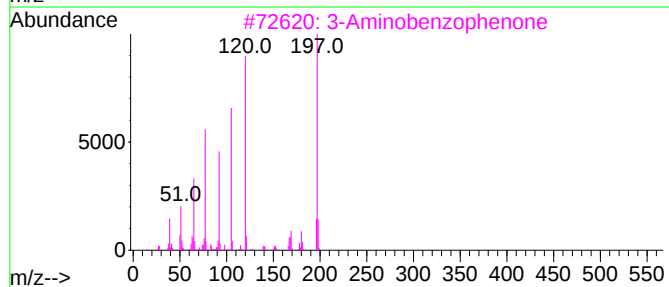
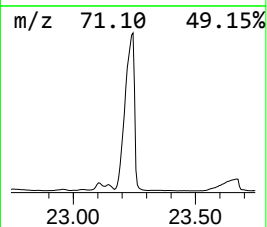
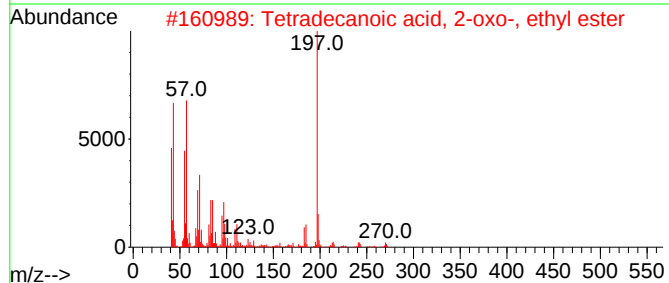
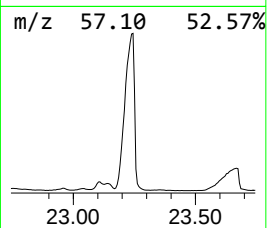
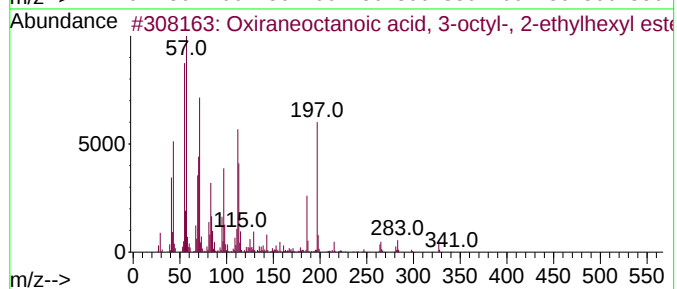
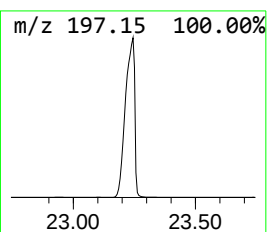
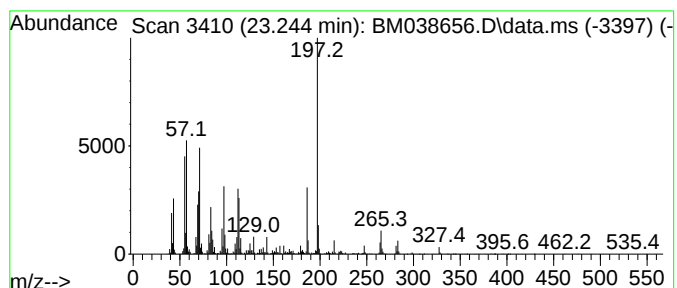
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Oxiraneoctanoic acid, 3-oct... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.244	316.33 ng	65211500	Perylene-d12	23.921	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	60
2	Tetradecanoic acid, 2-oxo-, ethy...	270	C16H30O3	160941-13-9	47
3	3-Aminobenzophenone	197	C13H11NO	002835-78-1	30
4	naphth[2,1-d]oxazole, 2,5-dimethyl-	197	C13H11NO	1010396-01-9	27
5	Succinic acid, 1,1,1-trifluoropr...	298	C13H21F3O4	1000390-54-2	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
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Sample : 01228-02
Misc :
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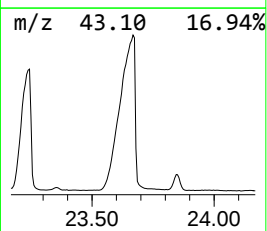
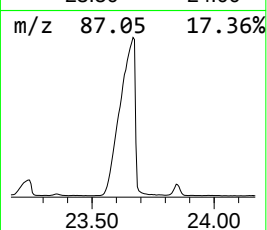
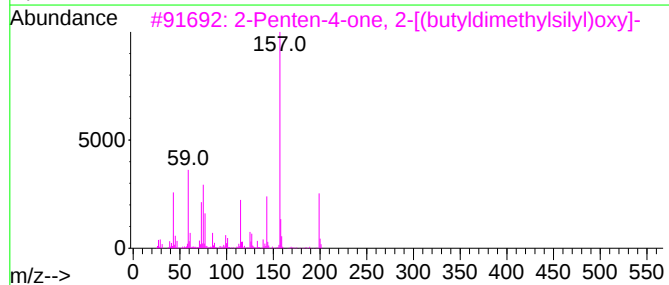
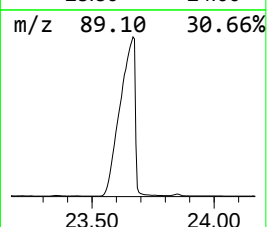
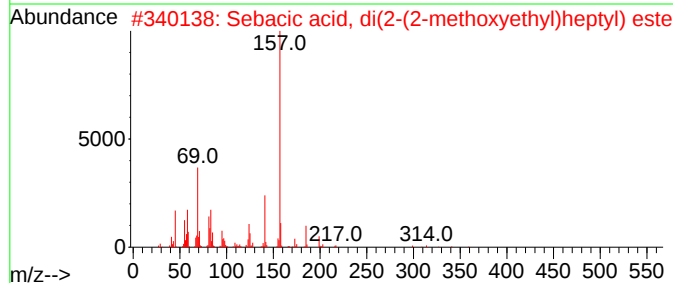
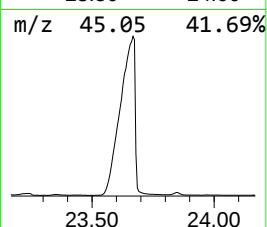
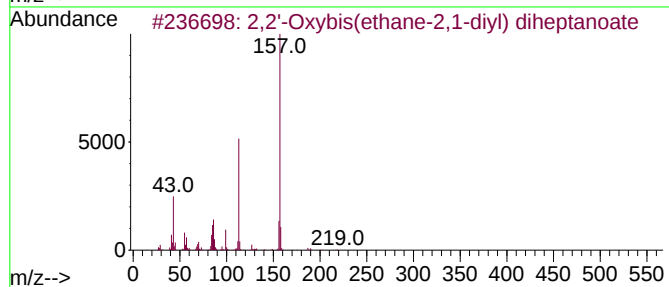
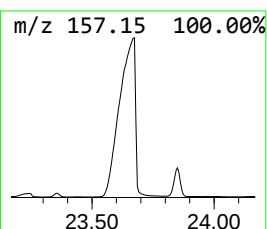
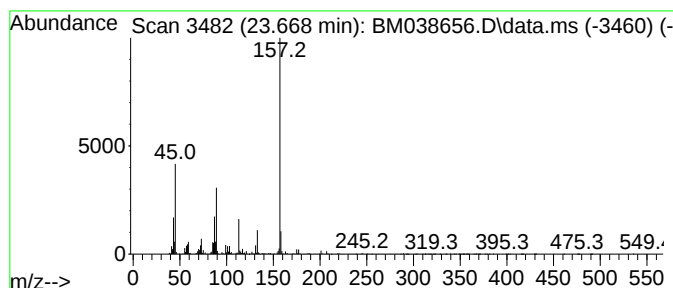
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown23.668 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.668	461.20 ng	95074500	Perylene-d12	23.921	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Oxybis(ethane-2,1-diyl) di...	330	C18H34O5	1000367-06-1	37
2	Sebacic acid, di(2-(2-methoxyeth...	514	C30H58O6	1000354-35-9	37
3	2-Penten-4-one, 2-[(butyldimethy...	214	C11H22O2Si	1000153-21-9	35
4	2,5,8,11-Tetraoxatridecan-13-yl ...	320	C16H32O6	1000367-04-8	35
5	Malonic acid, 2,4-dimethylpent-3...	272	C15H28O4	1000349-01-2	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
Operator : CG/JU
Sample : 01228-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

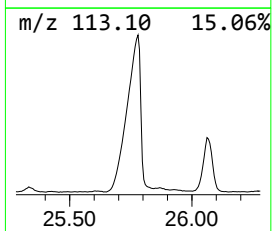
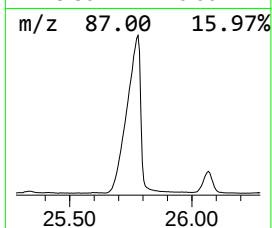
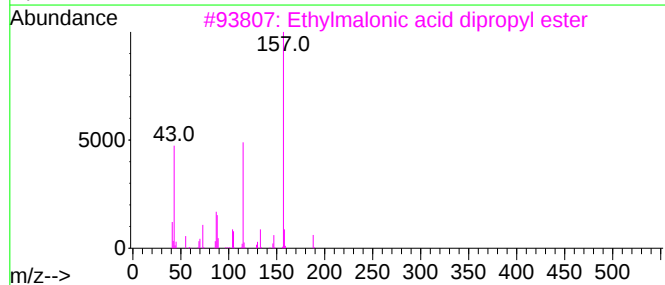
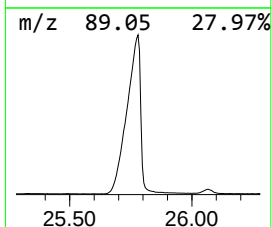
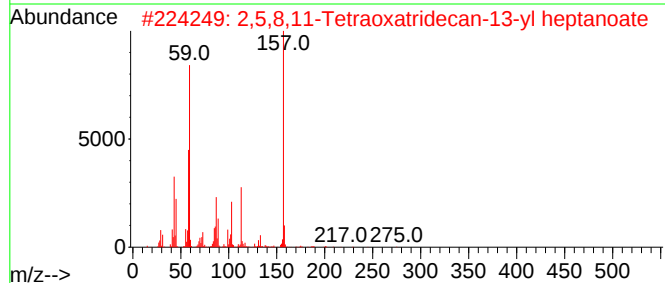
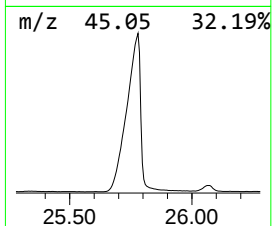
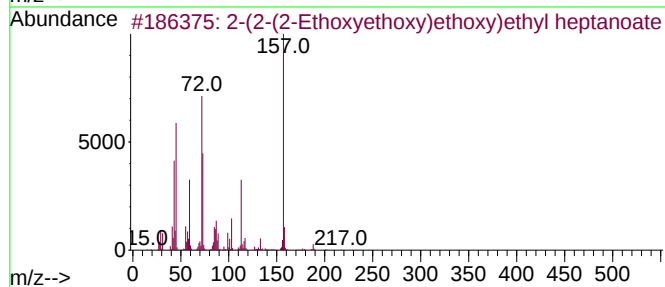
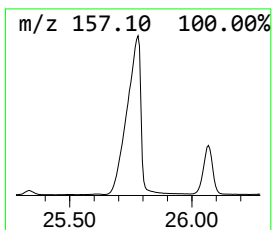
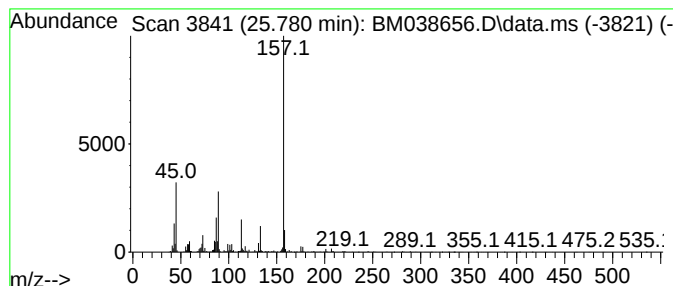
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown25.779 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.779	153.79 ng	31702500	Perylene-d12	23.921

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-(2-Ethoxyethoxy)ethoxy)ethy...	290	C15H30O5	1000367-05-1	45		
2	2,5,8,11-Tetraoxatridecan-13-yl ...	320	C16H32O6	1000367-04-8	42		
3	Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	40		
4	2-(2-(2-Butoxyethoxy)ethoxy)ethy...	318	C17H34O5	1000367-05-3	38		
5	Tetraethylene glycol, bis(chloro...	418	C12H16Cl2F4O7	1000375-91-9	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
Operator : CG/JU
Sample : 01228-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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
Octanoic acid	11.980	152.3	ng	56968900	2	10.757	7481980	20.0
Nonanoic acid	12.598	234.9	ng	87887400	2	10.757	7481980	20.0
Dodecanoic acid	15.292	176.6	ng	81493300	3	14.721	9228430	20.0
Heptanoic acid,...	15.563	230.8	ng	106489000	3	14.721	9228430	20.0
Tetradecanoic acid	16.880	149.3	ng	33911300	4	17.345	4542970	20.0
unknown17.104	17.104	228.8	ng	51974300	4	17.345	4542970	20.0
unknown17.674	17.674	367.7	ng	83523600	4	17.345	4542970	20.0
unknown18.898	18.998	227.2	ng	51598000	4	17.345	4542970	20.0
Dodecanoic acid...	19.145	138.5	ng	31464600	4	17.345	4542970	20.0
2,2'-(2,2'-Oxyb...	19.498	678.0	ng	110544000	5	21.509	3260850	20.0
Ethyl Oleate	19.556	210.6	ng	34334300	5	21.509	3260850	20.0
Octadecanoic ac...	19.680	197.4	ng	32178100	5	21.509	3260850	20.0
unknown20.492	20.492	213.1	ng	34748800	5	21.509	3260850	20.0
2,5,8,11-Tetrao...	20.945	1239.3	ng	202066000	5	21.509	3260850	20.0
Carbonic acid, ...	21.797	129.0	ng	21029500	5	21.509	3260850	20.0
Oleic Acid	22.015	137.7	ng	22449400	5	21.509	3260850	20.0
unknown22.192	22.192	1093.4	ng	178264000	5	21.509	3260850	20.0
Oxiraneoctanoic...	23.244	316.3	ng	65211500	6	23.921	4122950	20.0
unknown23.668	23.668	461.2	ng	95074500	6	23.921	4122950	20.0
unknown25.779	25.779	153.8	ng	31702500	6	23.921	4122950	20.0