

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
 Data File : BM037247.D
 Acq On : 26 Oct 2022 21:01
 Operator : CG/JU
 Sample : N5156-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WASTE-WATER

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-BM102622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM037247.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.128	172	177	193	rBV	1771376	2989516	1.45%	0.139%
2	5.452	375	402	411	rBV2	1365536	6140638	2.98%	0.285%
3	7.075	672	678	693	rVB2	826728	2452661	1.19%	0.114%
4	7.998	821	835	852	rBV	18161992	55160345	26.74%	2.557%
5	9.416	1033	1076	1079	rBV	3046000	21296991	10.33%	0.987%
6	9.810	1138	1143	1174	rVB	834613	2079927	1.01%	0.096%
7	10.175	1182	1205	1209	rBV	1671063	8232106	3.99%	0.382%
8	12.969	1650	1680	1681	rBV	3113914	20262842	9.82%	0.939%
9	13.145	1706	1710	1719	rVB	3754671	6543883	3.17%	0.303%
10	14.227	1881	1894	1921	rBV	11715249	53670795	26.02%	2.488%
11	14.416	1921	1926	1939	rVB	944342	2208759	1.07%	0.102%
12	14.616	1954	1960	1962	rBV	1651200	3203902	1.55%	0.149%
13	14.863	1997	2002	2013	rVB	1305096	2963881	1.44%	0.137%
14	15.110	2013	2044	2045	rBV	15084799	93636317	45.40%	4.341%
15	15.863	2167	2172	2189	rBV	1129809	3423683	1.66%	0.159%
16	15.998	2189	2195	2206	rBV2	1311931	4894314	2.37%	0.227%
17	16.121	2207	2216	2231	rVB2	1342027	7010915	3.40%	0.325%
18	16.551	2266	2289	2315	rBV2	20130909	181615351	88.06%	8.419%
19	16.827	2315	2336	2338	rBV3	16265153	84120064	40.79%	3.900%
20	17.074	2368	2378	2395	rVB	11287789	51787802	25.11%	2.401%
21	17.286	2410	2414	2431	rVB2	587704	2098368	1.02%	0.097%
22	17.951	2519	2527	2547	rBV	8467860	28587332	13.86%	1.325%
23	18.339	2561	2593	2594	rBV2	13288446	102990101	49.93%	4.774%
24	18.404	2599	2604	2609	rBV4	8208004	21716327	10.53%	1.007%
25	18.604	2631	2638	2656	rBV2	7661855	28214180	13.68%	1.308%
26	19.109	2714	2724	2730	rBV5	15538800	58829397	28.52%	2.727%
27	19.262	2745	2750	2753	rBV3	5972978	14635814	7.10%	0.678%
28	19.492	2780	2789	2794	rBV6	13947943	45126219	21.88%	2.092%
29	19.839	2828	2848	2853	rVB3	33382010	206249799	100.00%	9.561%
30	19.915	2859	2861	2862	rVB	14710706	10157154	4.92%	0.471%
31	19.945	2862	2866	2869	rVB	16156239	21288125	10.32%	0.987%
32	20.039	2878	2882	2884	rBV	7098798	8512958	4.13%	0.395%
33	20.080	2884	2889	2892	rVV2	10785658	16672817	8.08%	0.773%
34	20.180	2902	2906	2911	rBV4	11940678	20655837	10.01%	0.958%
35	20.233	2911	2915	2918	rVB	9754421	12879349	6.24%	0.597%
36	20.374	2933	2939	2945	rBV2	20589697	51181377	24.82%	2.373%

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37	20.504	2957	2961	2965	rVV	7253750	8752998	4.24%	0.406%
38	20.568	2965	2972	2977	rVV2	15451881	32001641	15.52%	1.484%
39	20.615	2977	2980	2984	rVB2	3905891	4663621	2.26%	0.216%
40	20.674	2984	2990	3002	rBV3	17852036	51652972	25.04%	2.395%
41	20.803	3007	3012	3016	rBV2	9905399	12075562	5.85%	0.560%
42	20.868	3017	3023	3025	rBV	19961853	35853451	17.38%	1.662%
43	20.986	3039	3043	3046	rBV	6916841	7622970	3.70%	0.353%
44	21.021	3046	3049	3057	rVB2	1770995	2950835	1.43%	0.137%
45	21.168	3068	3074	3078	rVV	17408641	29760646	14.43%	1.380%
46	21.333	3096	3102	3109	rVV	19457359	39229939	19.02%	1.819%
47	21.462	3120	3124	3132	rVB2	5564539	9747699	4.73%	0.452%
48	21.562	3137	3141	3144	rBV	7808442	10273002	4.98%	0.476%
49	21.739	3166	3171	3177	rBV3	5209580	13431143	6.51%	0.623%
50	21.962	3202	3209	3216	rBV5	13956607	47741770	23.15%	2.213%
51	22.062	3221	3226	3234	rVB4	14570750	43651805	21.16%	2.024%
52	22.292	3258	3265	3274	rBV	8142820	25226917	12.23%	1.169%
53	22.509	3297	3302	3306	rVB	8167009	12363263	5.99%	0.573%
54	23.050	3388	3394	3400	rBV	6220451	14853173	7.20%	0.689%
55	23.162	3403	3413	3441	rVB3	18675639	113894056	55.22%	5.280%
56	23.503	3467	3471	3477	rVB3	6649064	12804708	6.21%	0.594%
57	25.162	3736	3753	3766	rBV6	17792509	139565798	67.67%	6.470%
58	27.309	4088	4118	4124	rBV9	16489349	152750363	74.06%	7.081%
59	27.897	4202	4218	4229	rVB2	9906120	46479705	22.54%	2.155%
60	28.068	4235	4247	4252	rBV	6423524	26307894	12.76%	1.220%

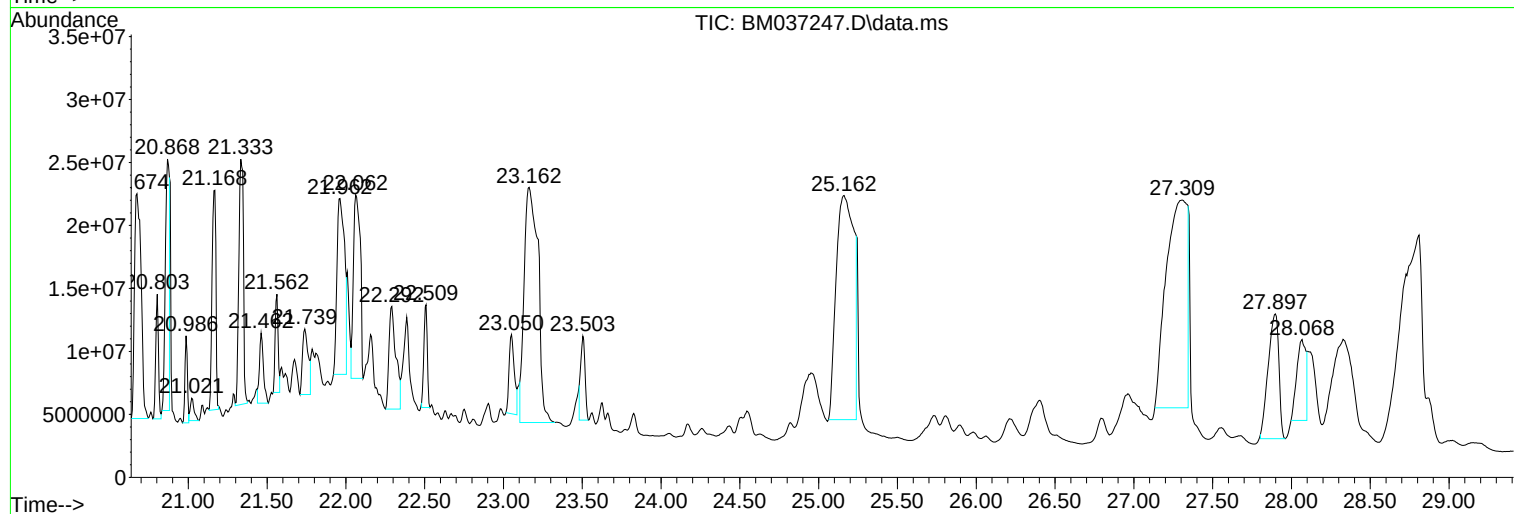
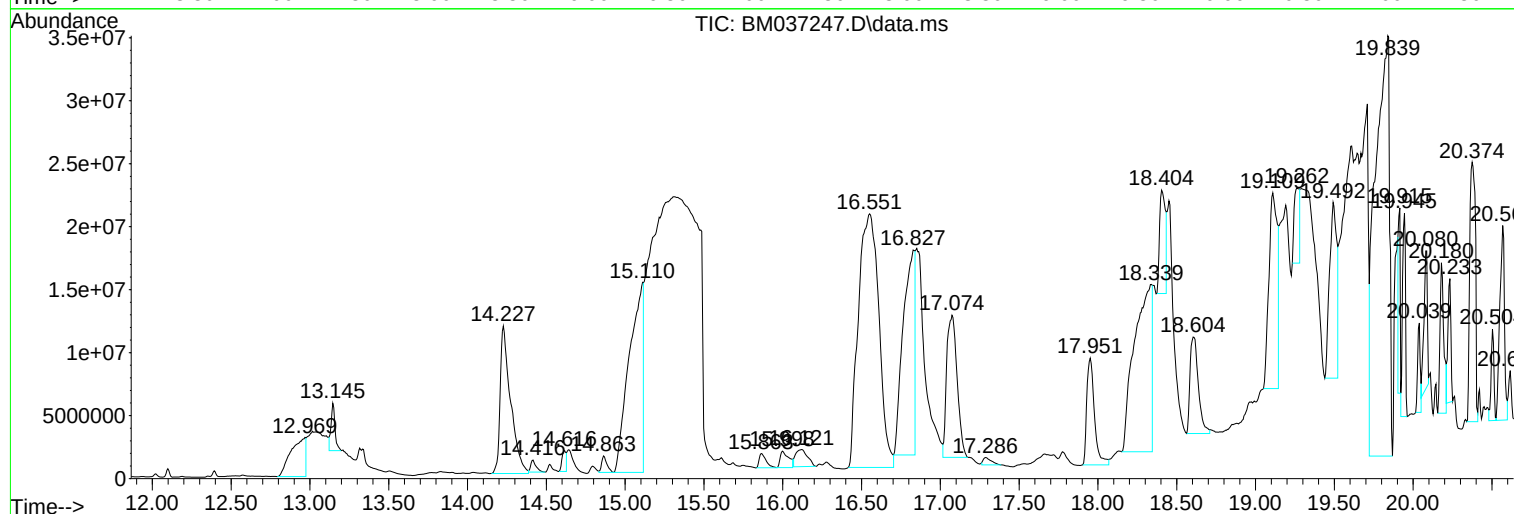
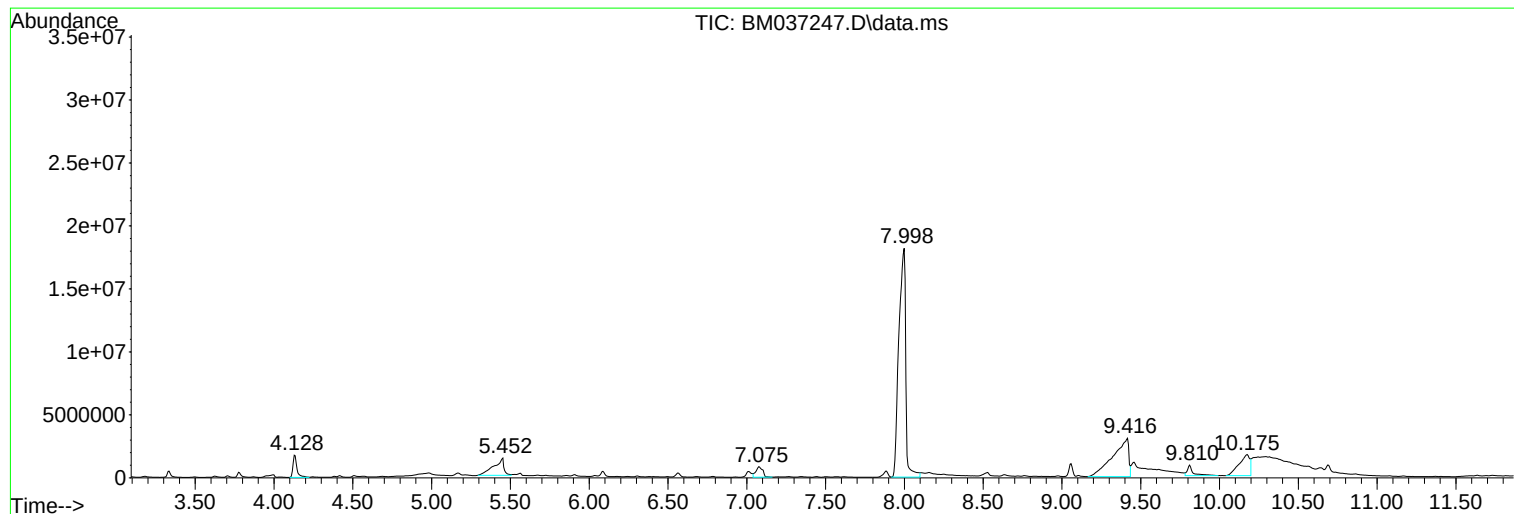
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
BNA_M
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EFF-WASTE-WATER

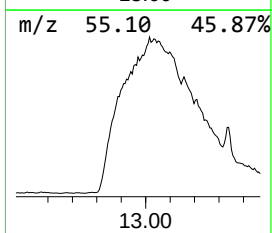
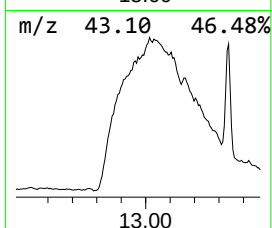
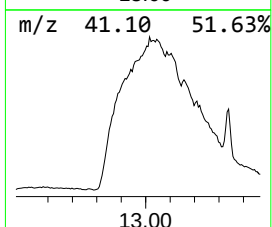
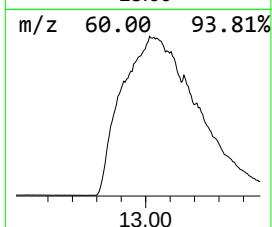
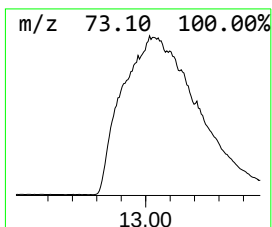
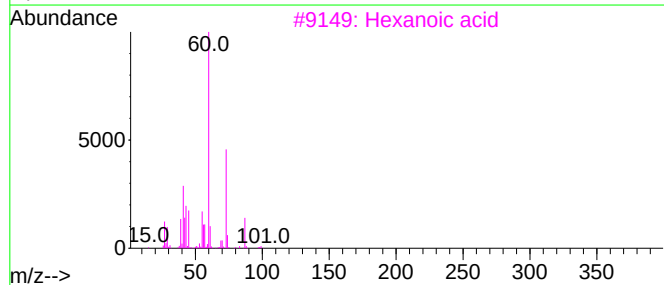
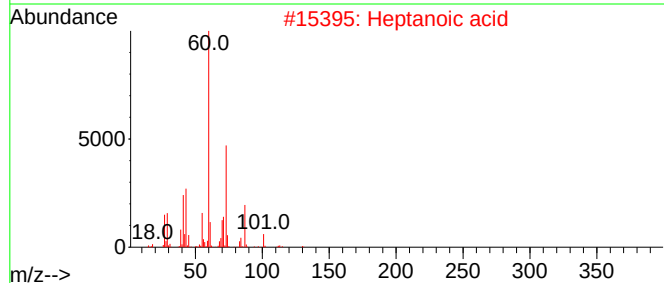
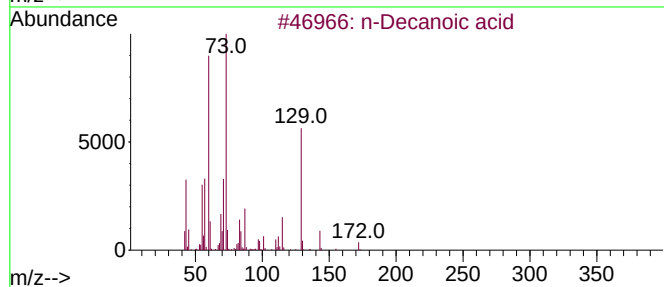
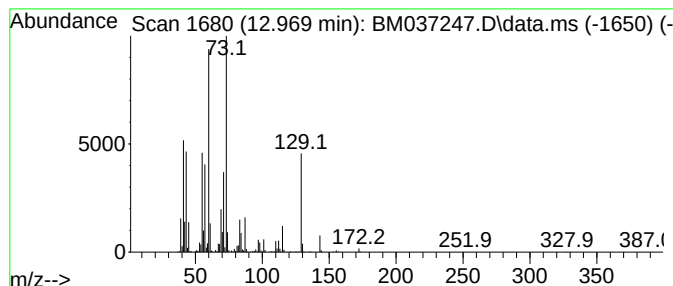
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Decanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	126.49 ng	20262800	Acenaphthene-d10	14.522

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Decanoic acid	172	C10H20O2	000334-48-5	96
2		Heptanoic acid	130	C7H14O2	000111-14-8	50
3		Hexanoic acid	116	C6H12O2	000142-62-1	47
4		Alpha-l-rhamnopyranose	164	C6H12O5	035810-56-1	40
5		.alpha.-d-Riboside, 1-O-dodecyl-	318	C17H34O5	1000154-76-8	40



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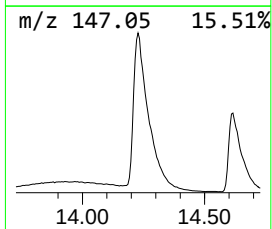
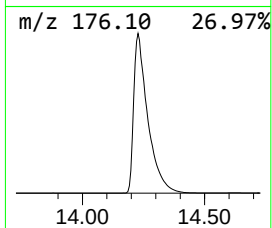
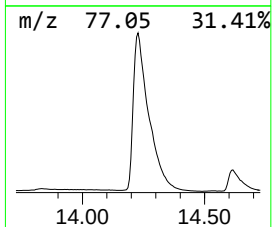
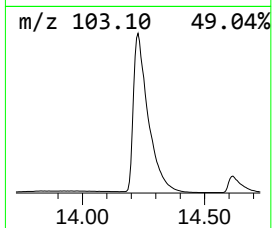
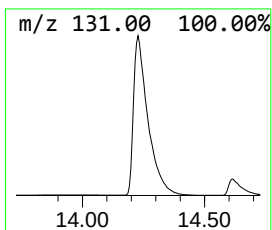
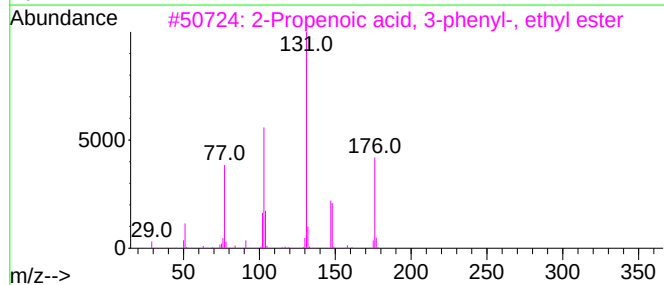
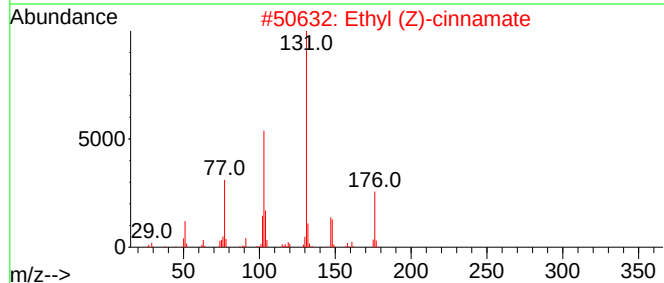
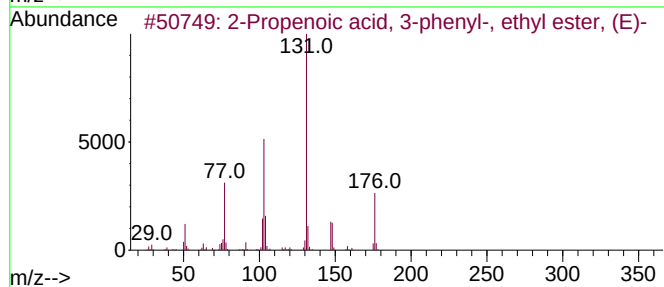
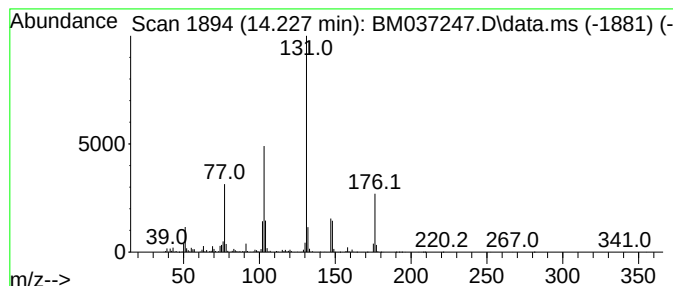
Instrument :
BNA_M
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Propenoic acid, 3-phenyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.227	335.03 ng	53670800	Acenaphthene-d10		14.522	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-phenyl-, eth...		176	C11H12O2	004192-77-2	98
2	Ethyl (Z)-cinnamate		176	C11H12O2	004610-69-9	98
3	2-Propenoic acid, 3-phenyl-, eth...		176	C11H12O2	000103-36-6	96
4	3-Butenoic acid, 2-oxo-4-phenyl-		176	C10H8O3	1000142-21-0	81
5	3-Methylbut-3-en-1-yl cinnamate		216	C14H16O2	327620-55-3	64



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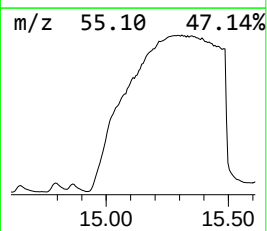
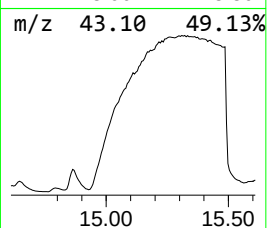
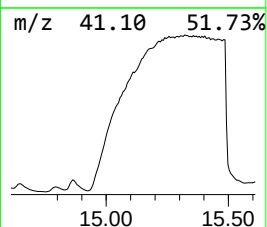
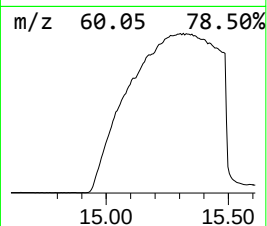
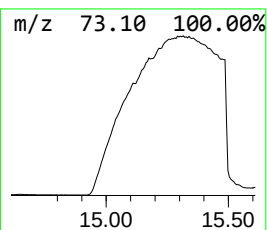
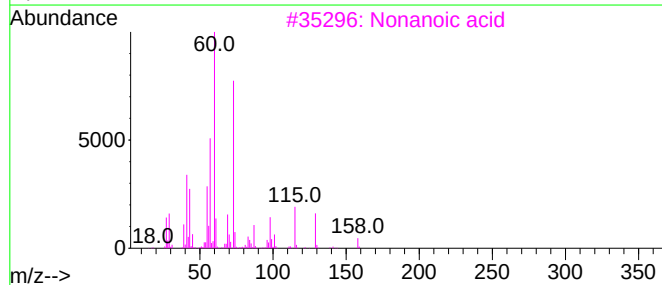
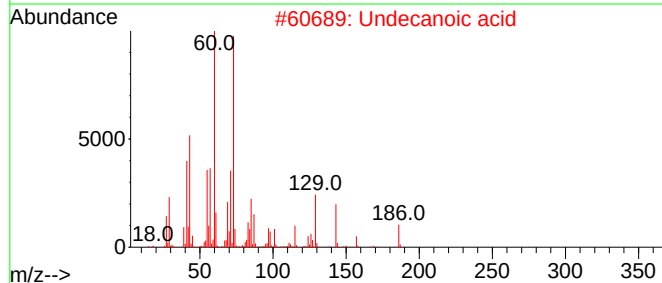
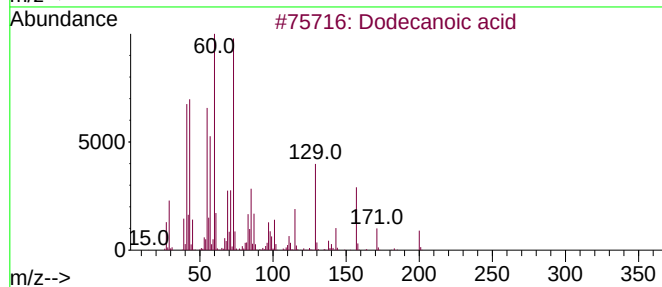
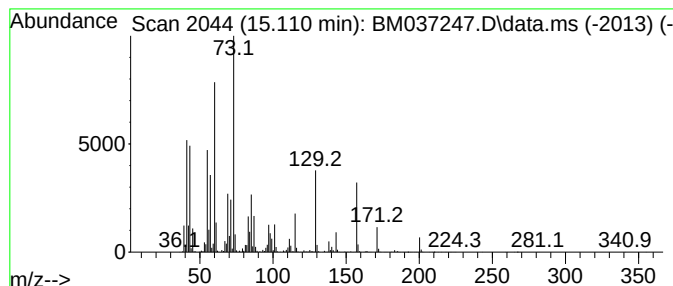
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.110	584.51 ng	93636300	Acenaphthene-d10		14.522	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecanoic acid		200	C12H24O2	000143-07-7	99
2	Undecanoic acid		186	C11H22O2	000112-37-8	64
3	Nonanoic acid		158	C9H18O2	000112-05-0	58
4	n-Decanoic acid		172	C10H20O2	000334-48-5	53
5	Octanoic acid		144	C8H16O2	000124-07-2	47



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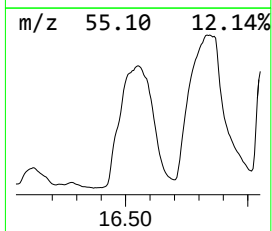
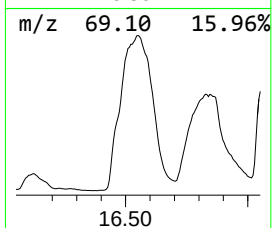
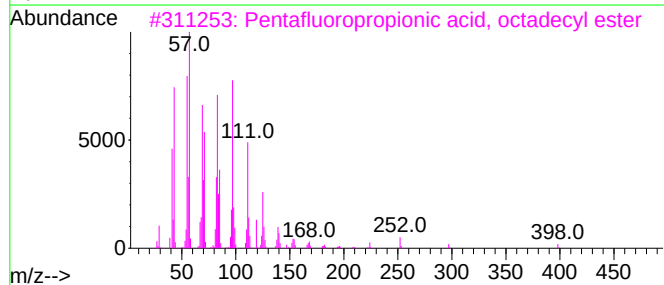
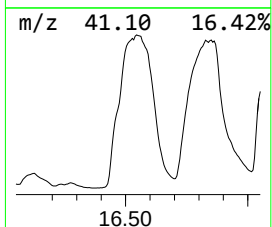
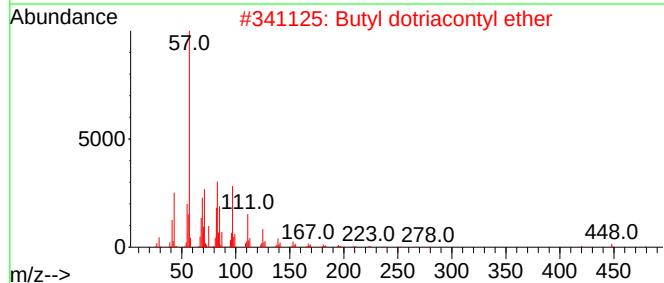
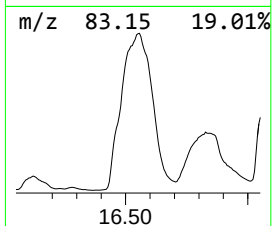
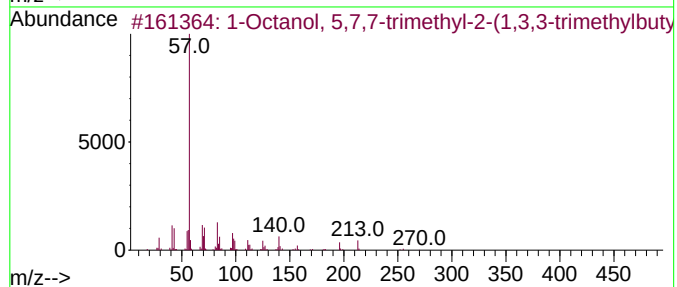
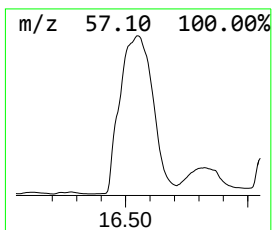
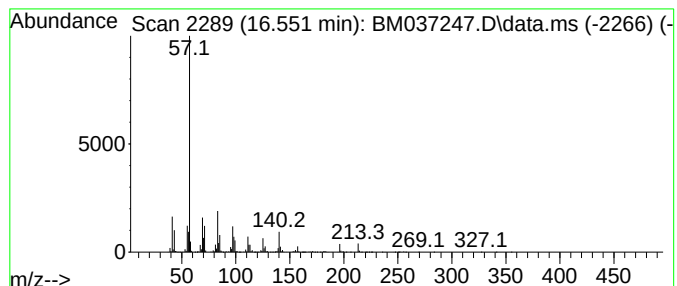
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	1731.02 ng	181615000	Phenanthrene-d10	17.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	91		
2	Butyl dotriacontyl ether	523	C36H74O	1000406-41-3	43		
3	Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	38		
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	38		
5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	38		



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Sample : N5156-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

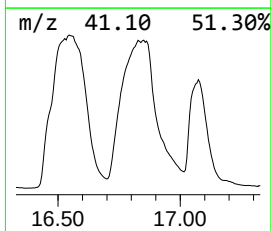
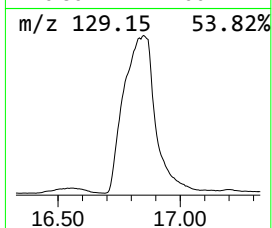
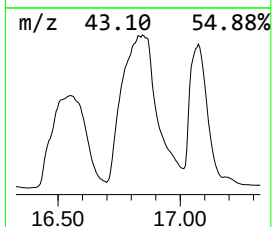
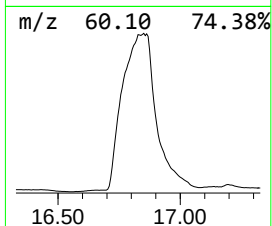
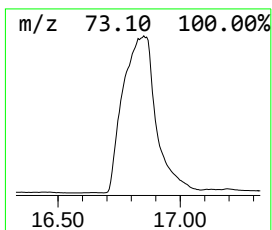
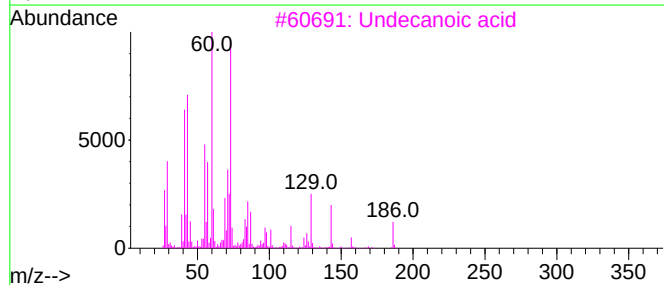
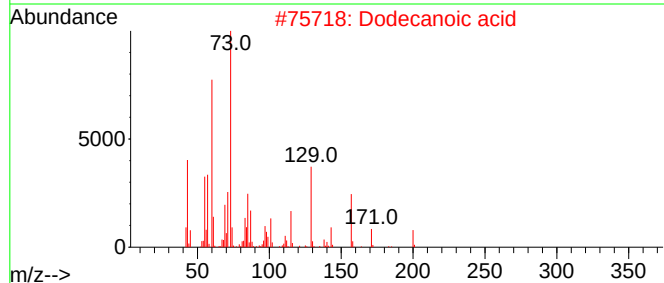
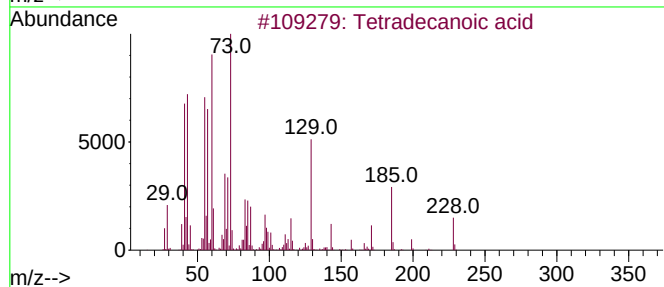
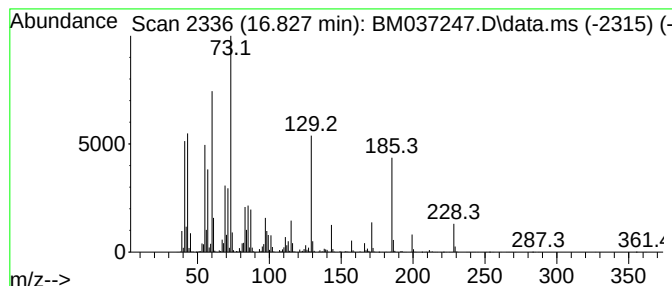
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.827	801.77 ng	84120100	Phenanthrene-d10	17.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2			Dodecanoic acid	200	C12H24O2	000143-07-7	58
3			Undecanoic acid	186	C11H22O2	000112-37-8	58
4			Tridecanoic acid	214	C13H26O2	000638-53-9	52
5			n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
Operator : CG/JU
Sample : N5156-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

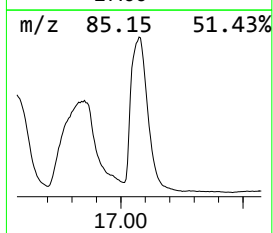
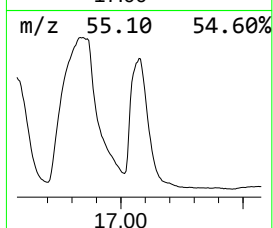
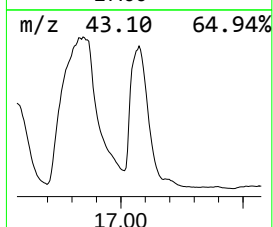
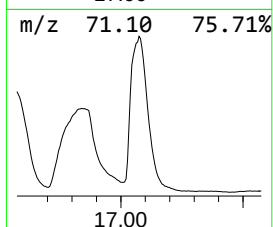
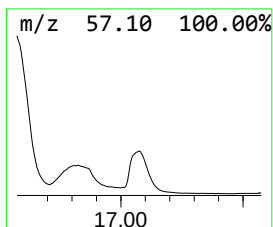
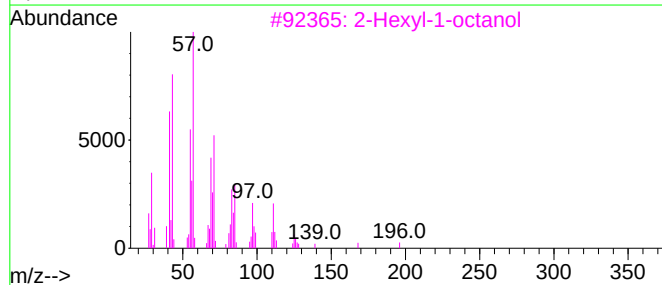
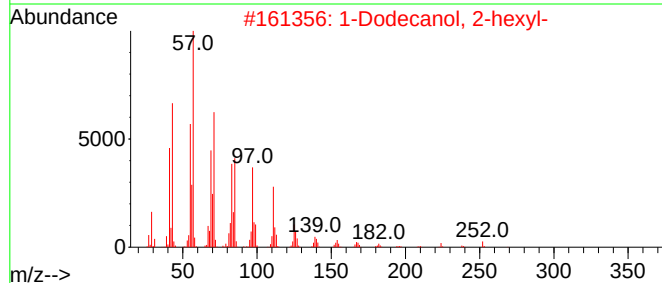
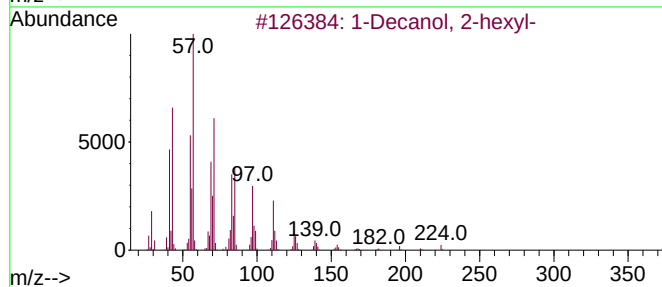
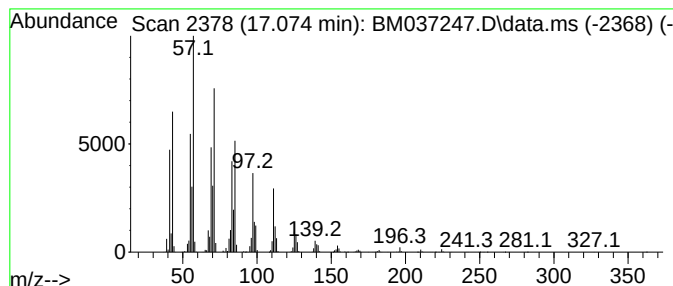
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Decanol, 2-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.074	493.60 ng	51787800	Phenanthrene-d10	17.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
3	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	91
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	90
5	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
Operator : CG/JU
Sample : N5156-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

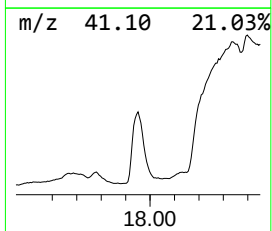
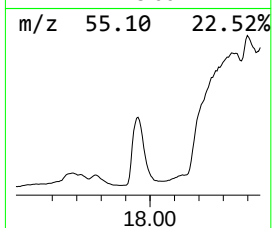
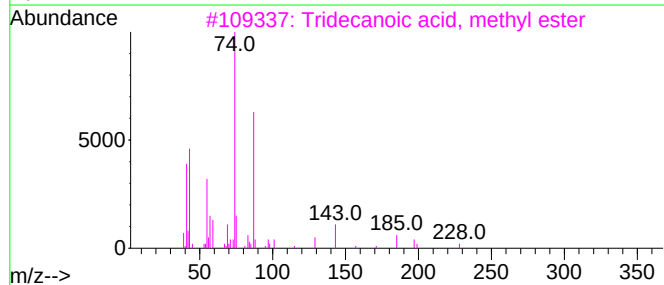
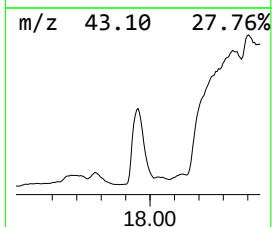
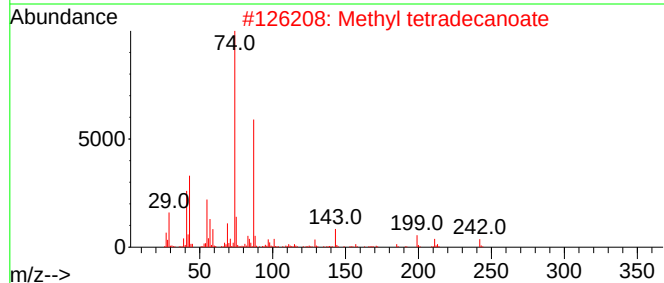
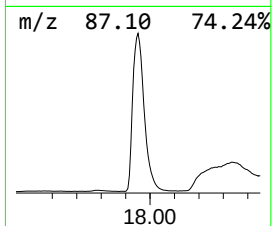
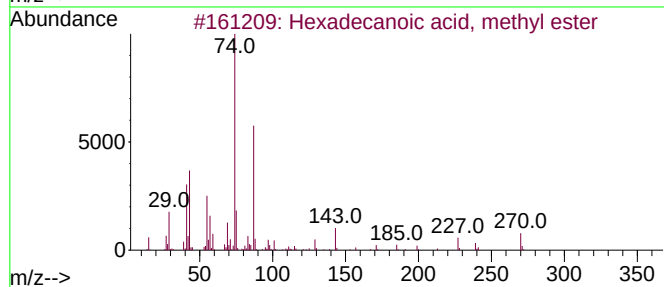
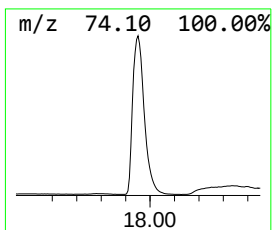
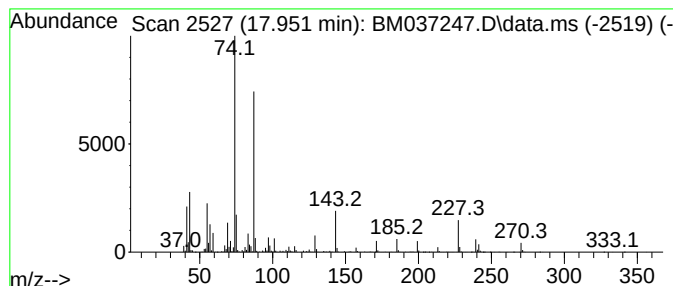
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.951	272.47 ng	28587300	Phenanthrene-d10	17.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4			Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	83
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
Operator : CG/JU
Sample : N5156-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

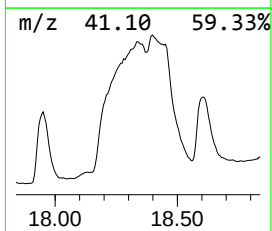
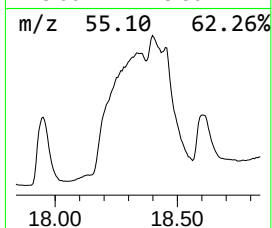
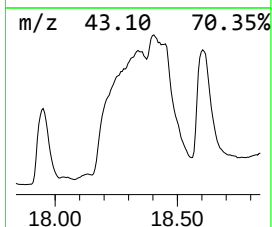
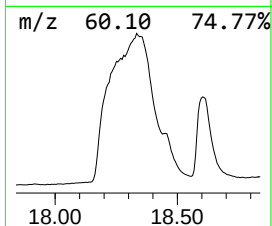
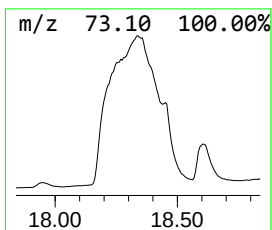
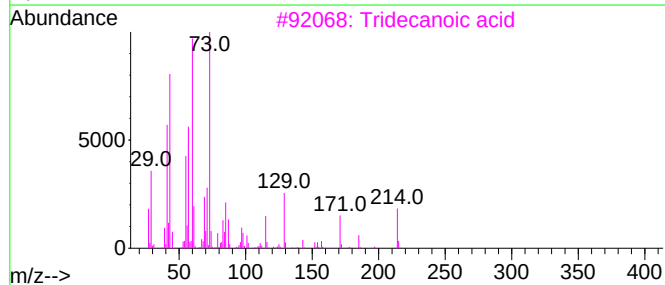
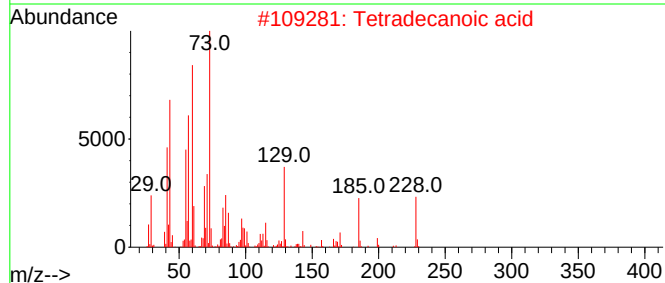
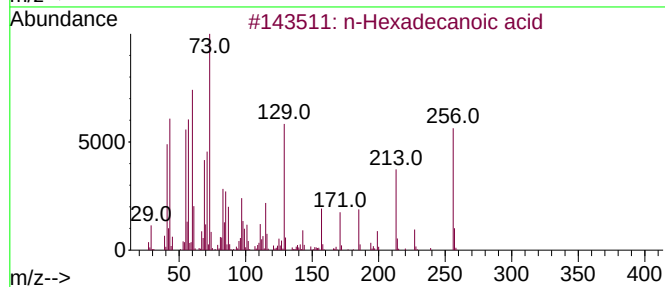
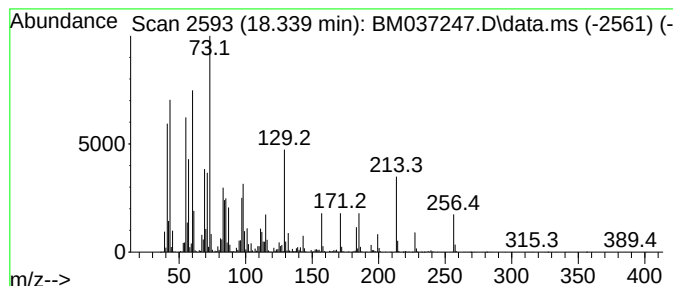
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ClientSampleId :
EFF-WASTE-WATER

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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 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.339	981.62 ng	102990000	Phenanthrene-d10	17.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
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Sample : N5156-02
Misc :
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Instrument :
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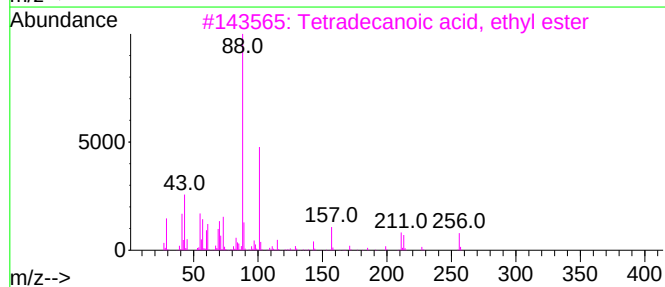
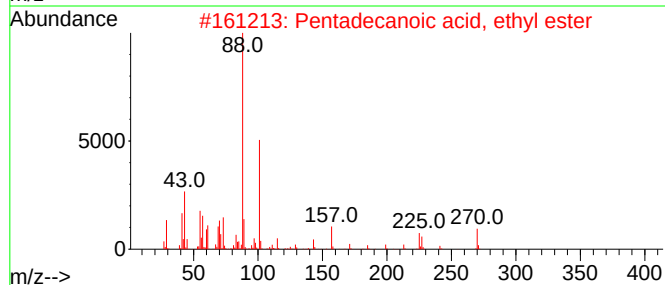
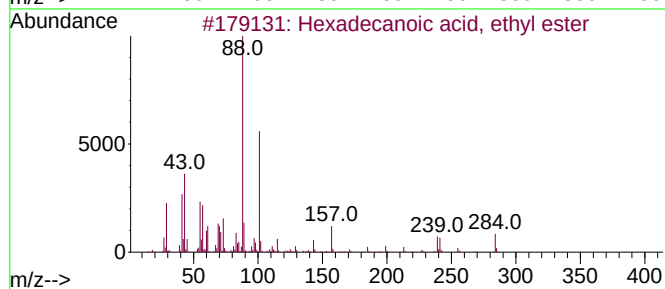
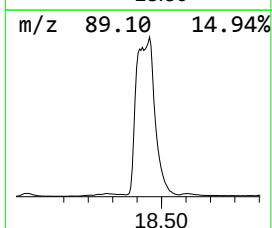
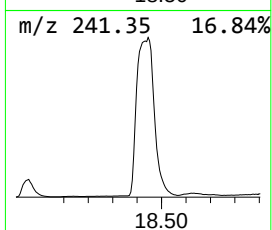
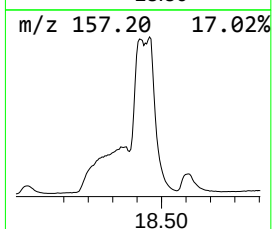
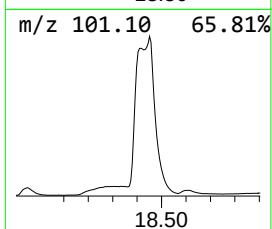
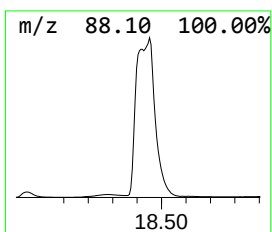
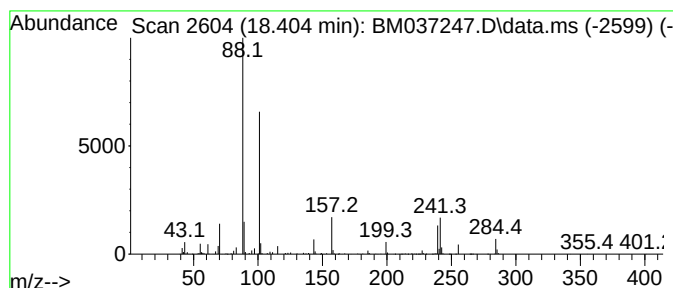
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, ethyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	206.98 ng	21716300	Phenanthrene-d10	17.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	91
2			Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	59
3			Tetradecanoic acid, ethyl ester	256	C16H32O2	000124-06-1	59
4			Dodecanoic acid, ethyl ester	228	C14H28O2	000106-33-2	59
5			Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
Operator : CG/JU
Sample : N5156-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE-WATER

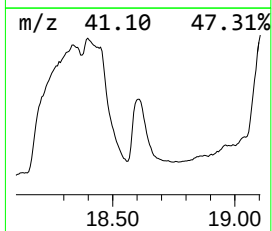
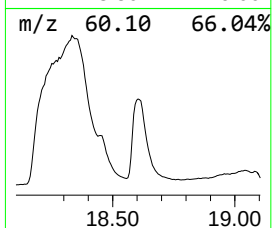
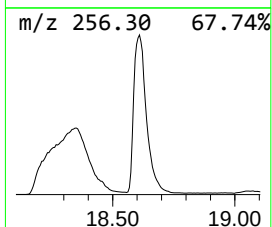
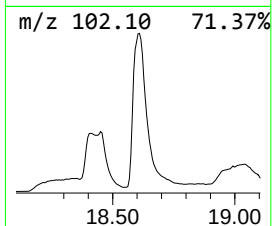
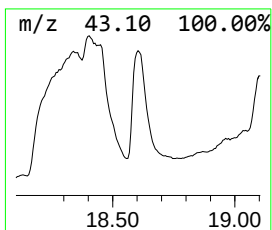
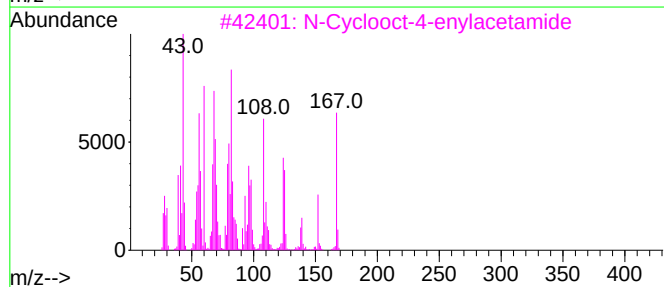
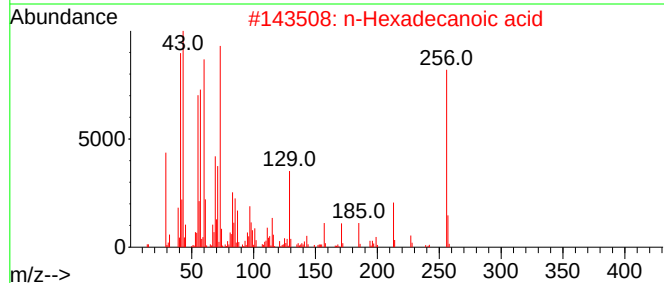
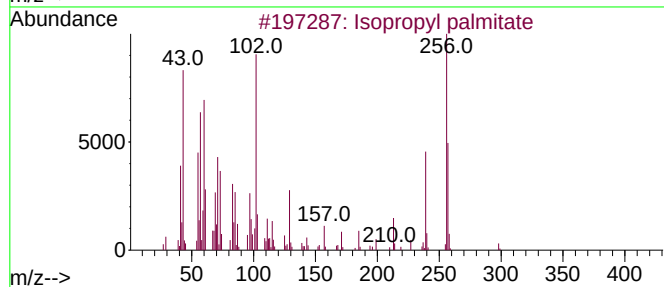
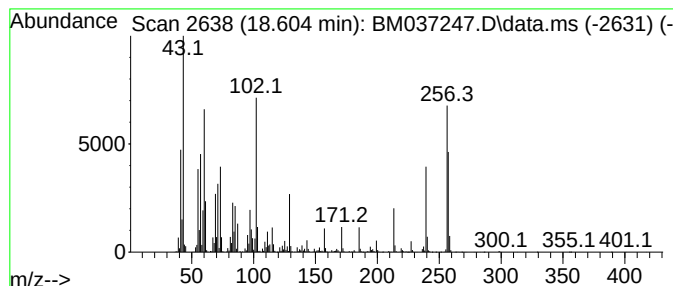
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Isopropyl palmitate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	268.92 ng	28214200	Phenanthrene-d10	17.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl palmitate	298	C19H38O2	000142-91-6	90
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
3			N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	25
4			n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	22
5			Estra-1,3,5(10)-trien-17.β.-ol	256	C18H24O	002529-64-8	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
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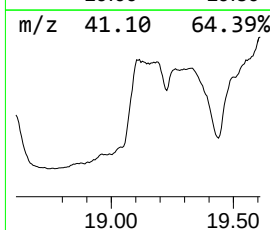
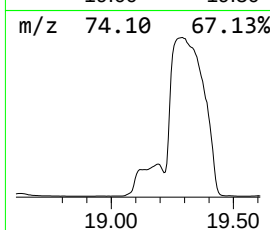
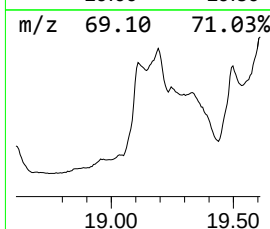
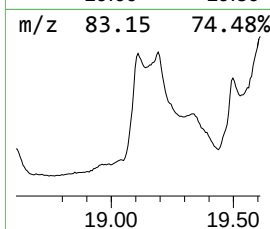
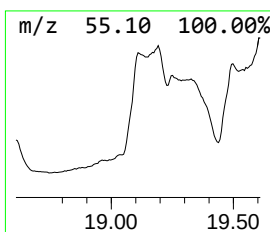
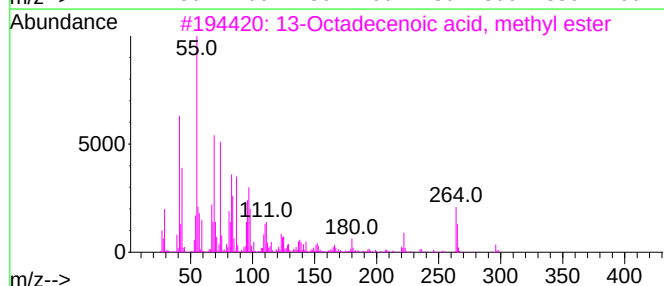
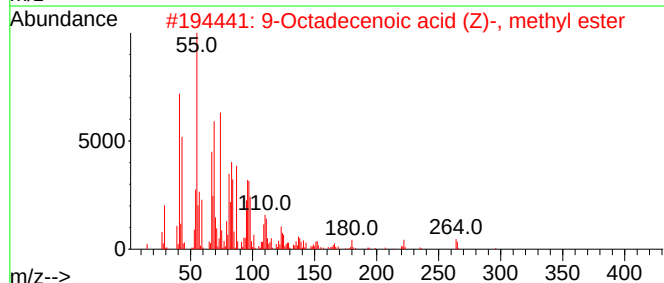
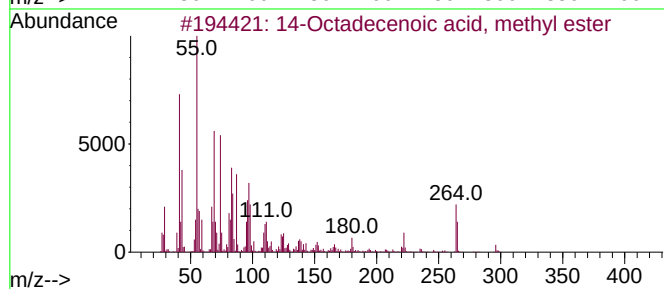
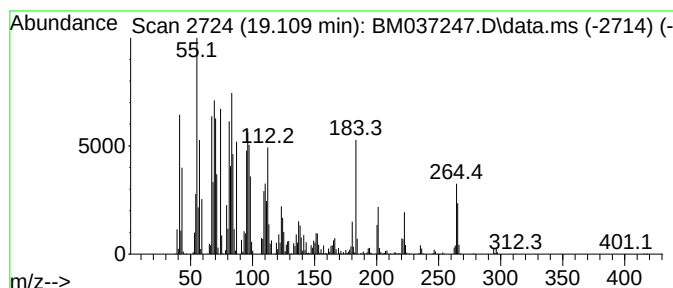
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 14-Octadecenoic acid, methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.110	560.72 ng	58829400	Phenanthrene-d10	17.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	96
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
Operator : CG/JU
Sample : N5156-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

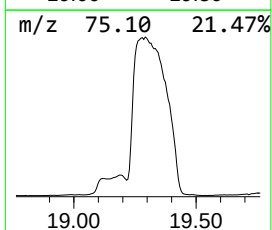
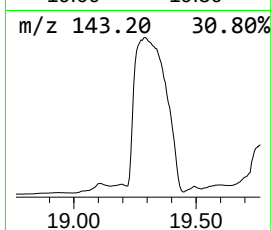
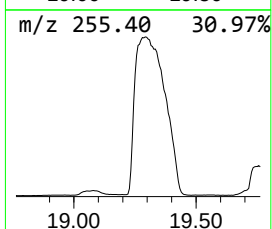
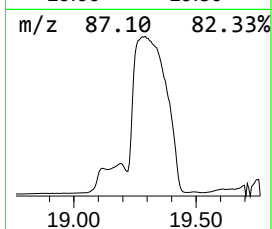
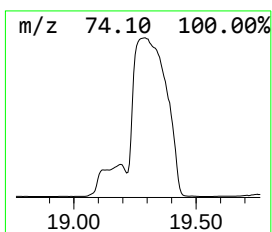
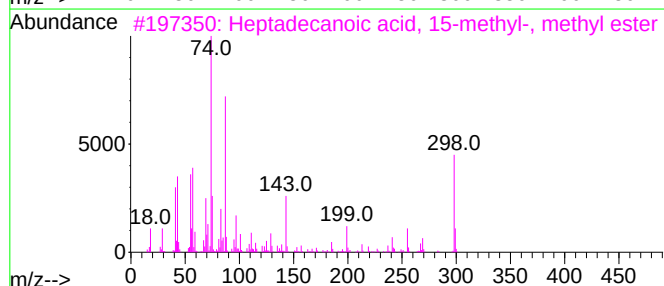
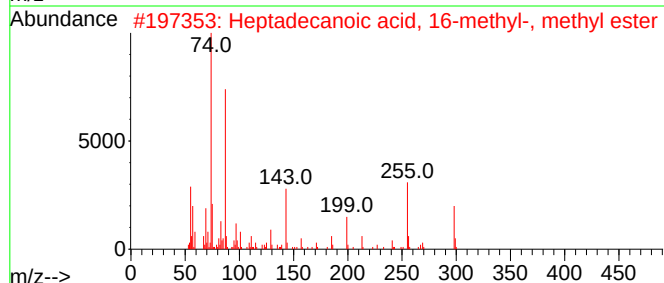
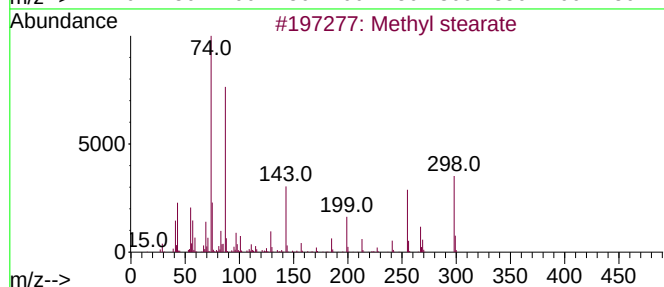
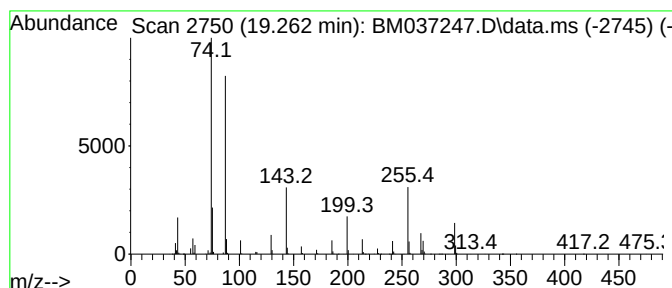
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Methyl stearate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.262	139.50 ng	14635800	Phenanthrene-d10	17.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	68
5	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
Operator : CG/JU
Sample : N5156-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

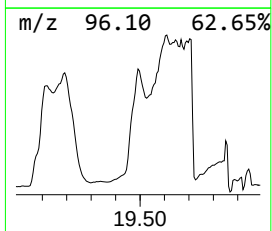
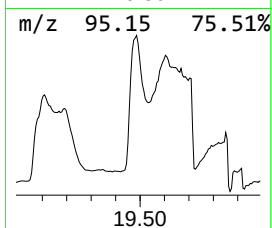
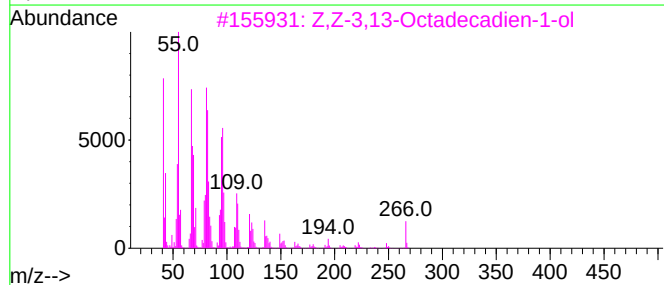
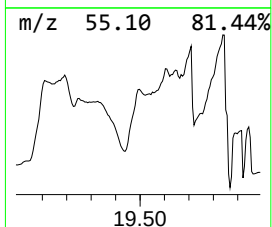
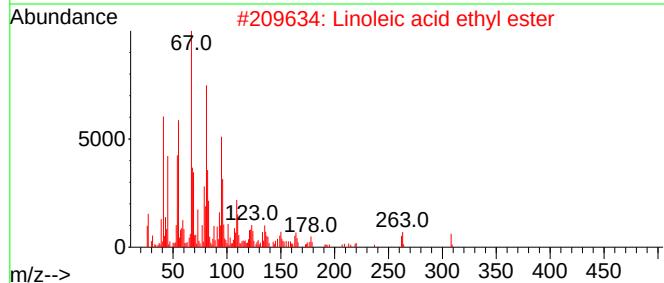
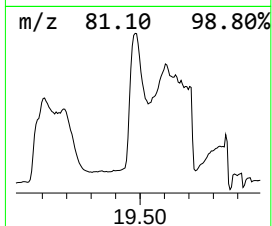
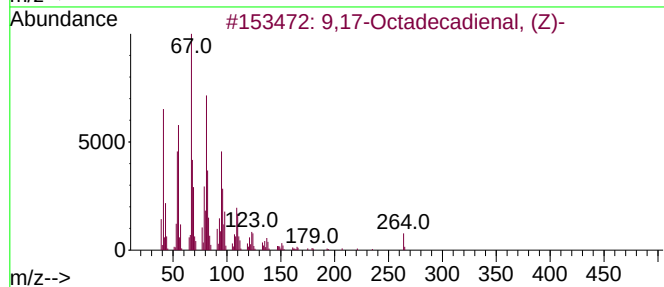
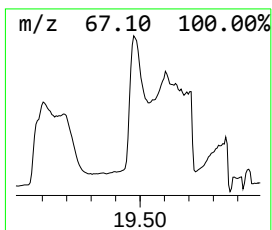
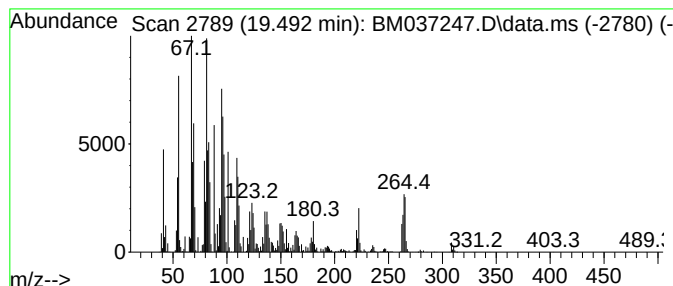
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,17-Octadecadienal, (Z)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.492	92.59 ng	45126200	Chrysene-d12	21.468
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,17-Octadecadienal, (Z)-	264 C18H32O	056554-35-9 94
2		Linoleic acid ethyl ester	308 C20H36O2	000544-35-4 83
3		Z,Z-3,13-Octadecadien-1-ol	266 C18H34O	1000131-10-9 70
4		Ethanol, 2-(9,12-octadecadienyl)-	310 C20H38O2	017367-08-7 70
5		1H-Indene, 2-butyl-5-hexyloctahydro-	264 C19H36	055044-33-2 64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
Operator : CG/JU
Sample : N5156-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

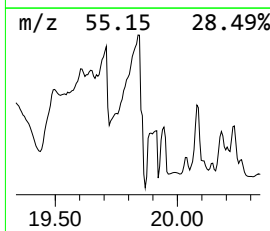
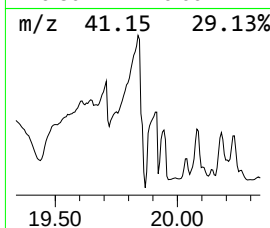
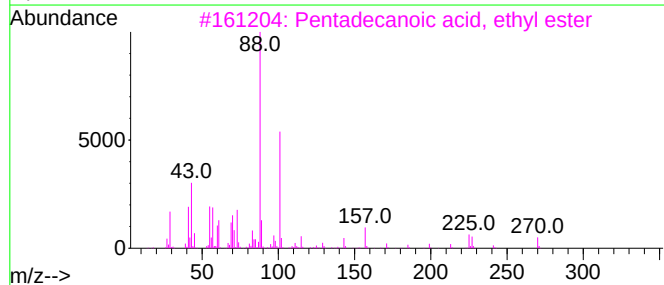
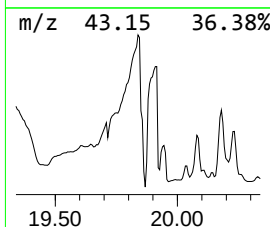
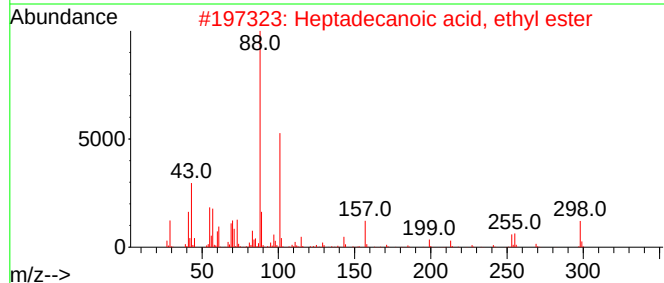
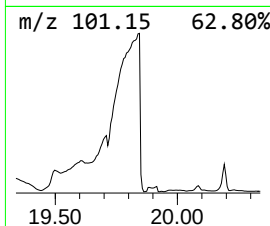
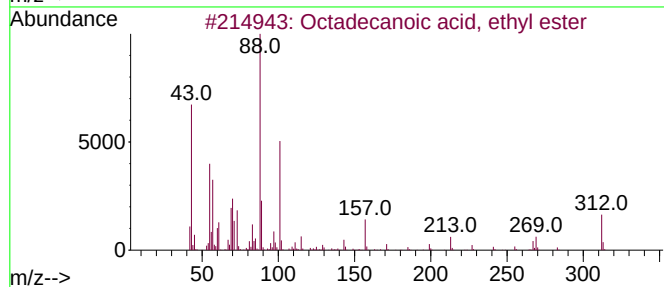
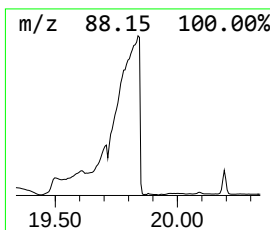
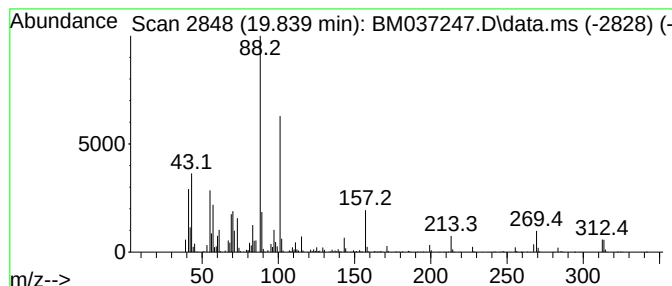
Instrument :
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid, ethyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.839	423.18 ng	206250000	Chrysene-d12	21.468	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	99
2	Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	91
3	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	87
4	Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	87
5	Octadecanoic acid, 2-methyl-, me...	312	C20H40O2	057346-70-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
Operator : CG/JU
Sample : N5156-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

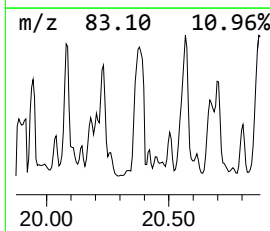
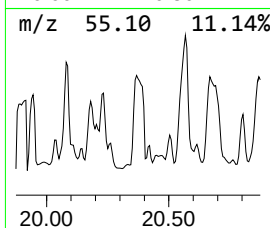
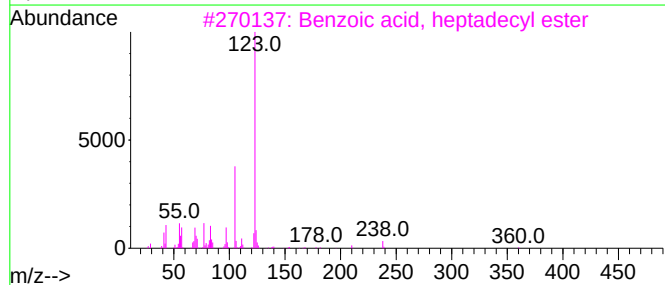
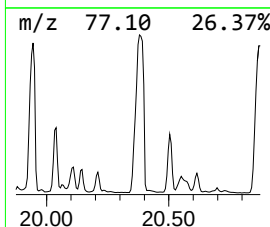
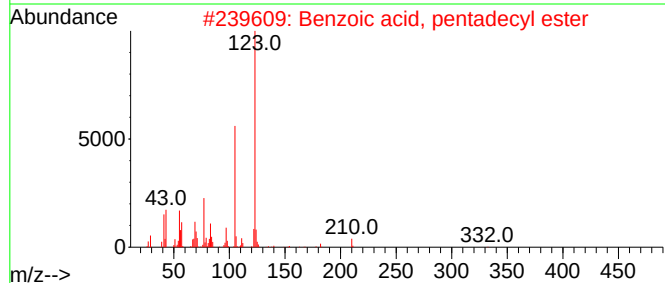
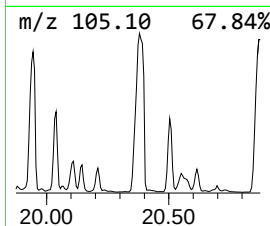
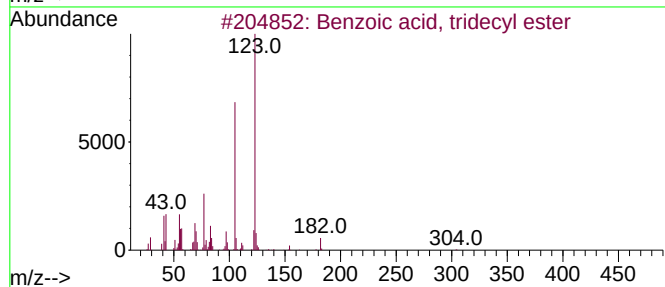
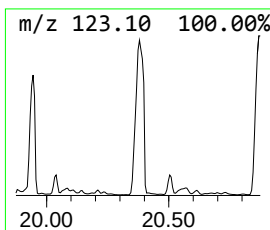
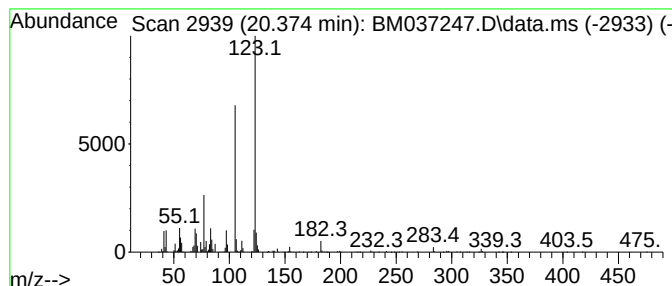
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzoic acid, tridecyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.374	105.01 ng	51181400	Chrysene-d12	21.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
2			Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	91
3			Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	90
4			Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	90
5			Eicosyl benzoate	402	C27H46O2	103098-99-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
Operator : CG/JU
Sample : N5156-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE-WATER

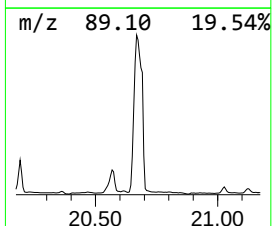
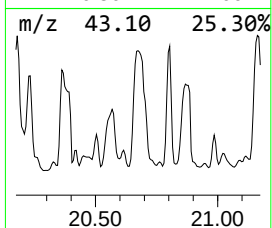
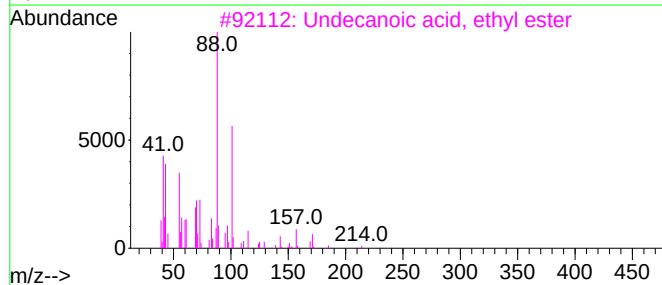
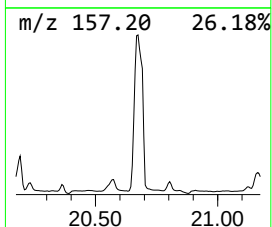
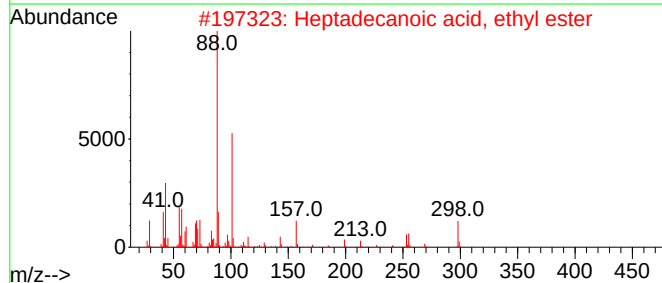
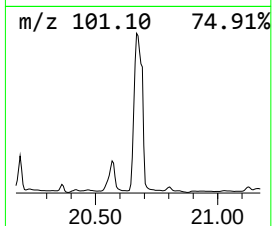
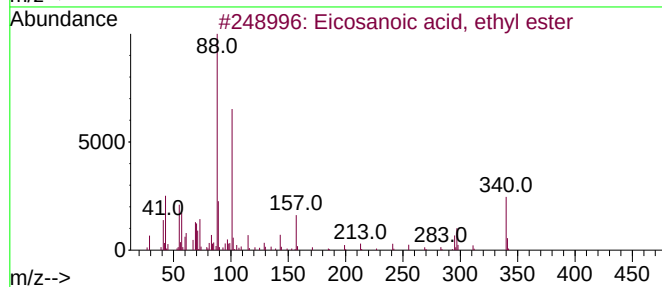
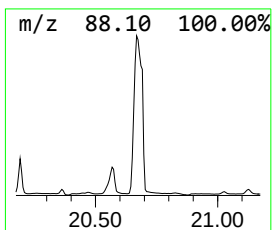
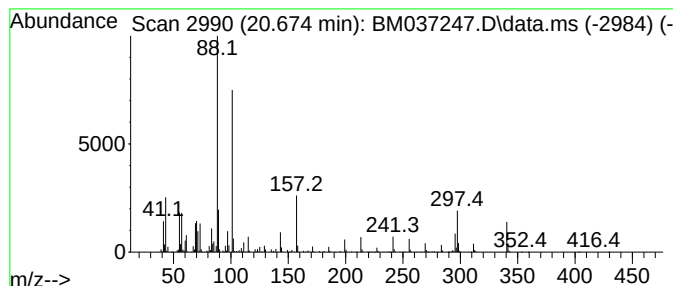
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosanoic acid, ethyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.674	105.98 ng	51653000	Chrysene-d12	21.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid, ethyl ester	340	C22H44O2	018281-05-5	98
2			Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	96
3			Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	70
4			Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	64
5			Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
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Acq On : 26 Oct 2022 21:01
Operator : CG/JU
Sample : N5156-02
Misc :
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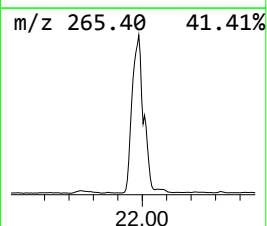
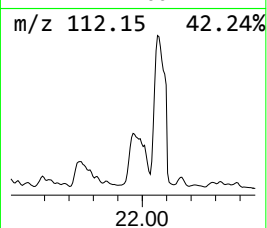
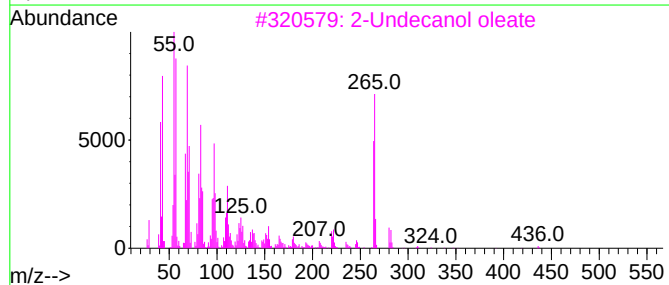
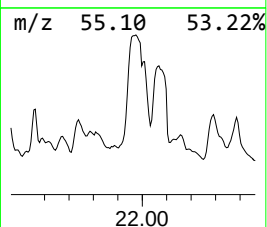
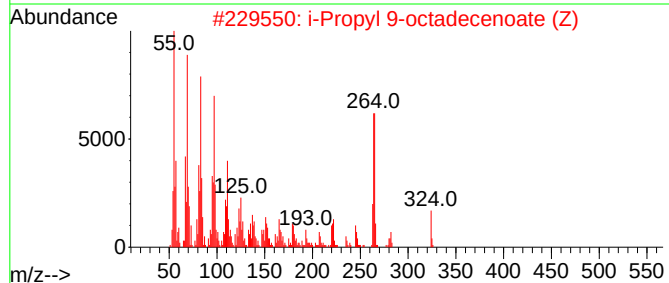
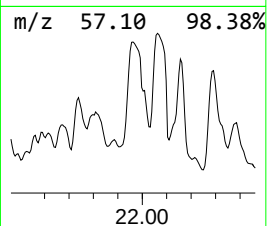
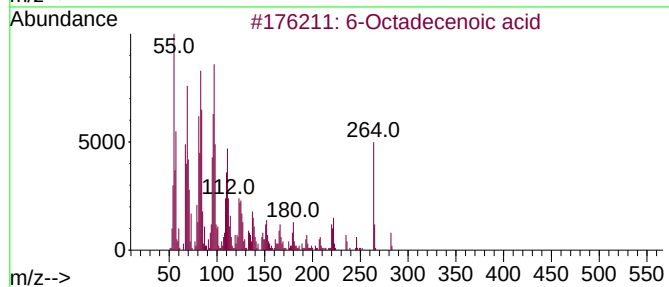
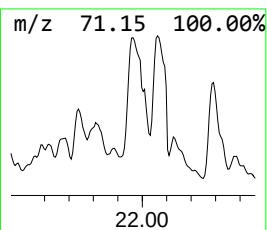
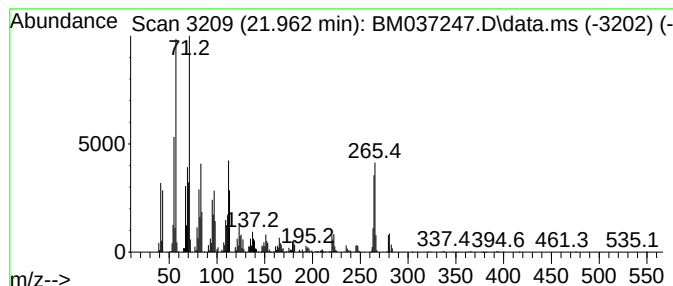
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 6-Octadecenoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.962	97.95 ng	47741800	Chrysene-d12	21.468	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	56
2	i-Propyl 9-octadecenoate (Z)	324	C21H40O2	000112-11-8	43
3	2-Undecanol oleate	436	C29H56O2	1000465-66-9	43
4	Eicosyl pentyl ether	368	C25H52O	1000406-42-0	43
5	Pentyl tetracosyl ether	424	C29H60O	1000406-42-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
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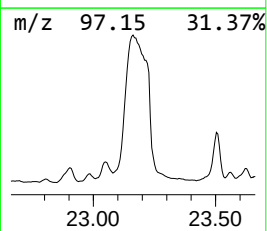
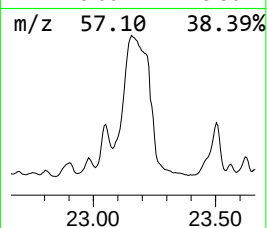
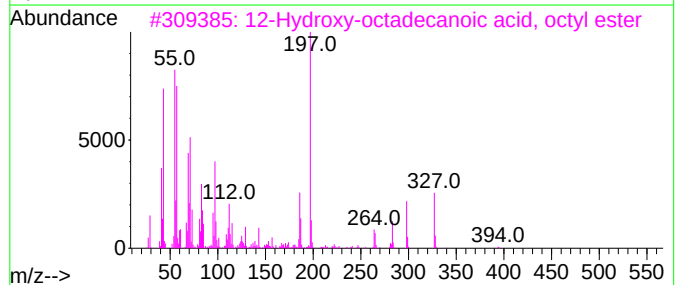
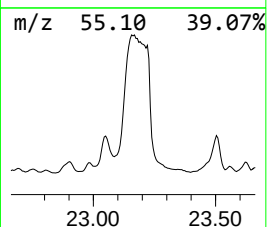
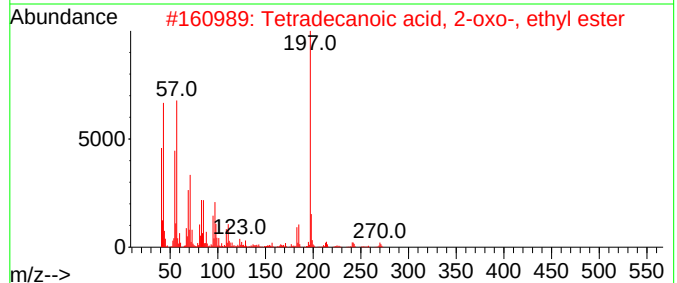
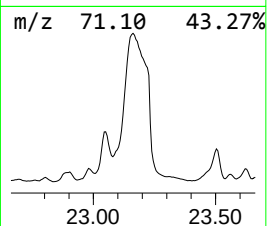
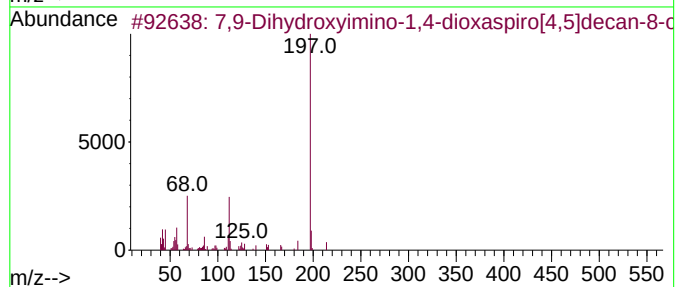
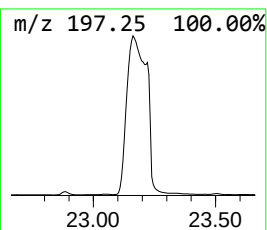
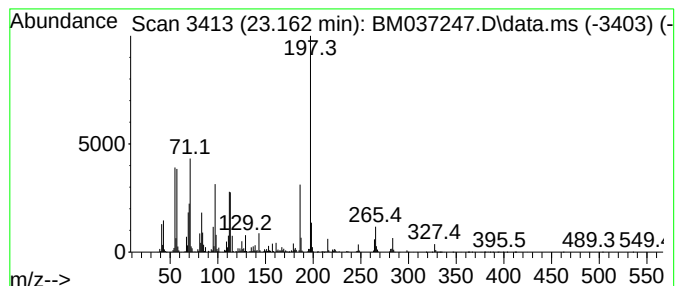
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown23.162 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.162	177.89 ng	113894000	Perylene-d12	23.827
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1	7,9-Dihydroxyimino-1,4-dioxaspiro...	214 C8H10N2O5	330982-30-4	38
2	Tetradecanoic acid, 2-oxo-, ethy...	270 C16H30O3	160941-13-9	37
3	12-Hydroxy-octadecanoic acid, oc...	412 C26H52O3	074819-90-2	35
4	(2-Phenoxyphenyl)[4-(pyridin-3-y...	374 C23H22N2O3	1000482-01-6	27
5	3-Methyl-9H-carbazol-2-ol	197 C13H11NO	024224-30-4	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
Operator : CG/JU
Sample : N5156-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

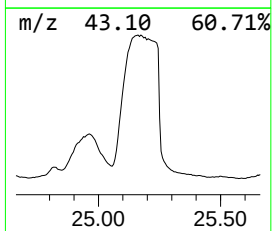
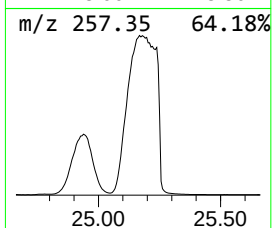
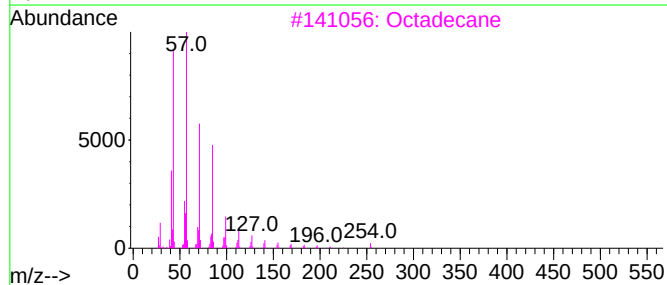
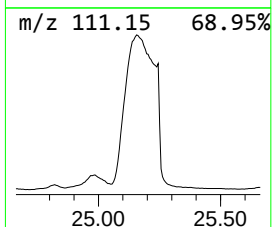
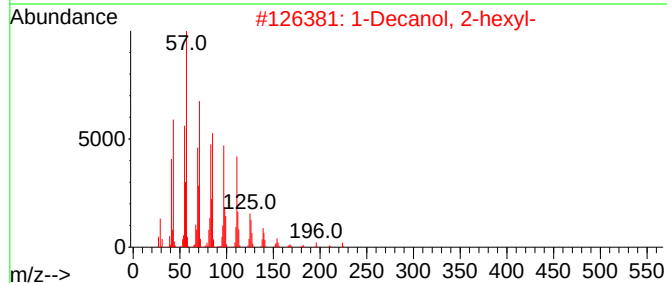
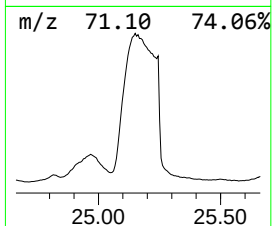
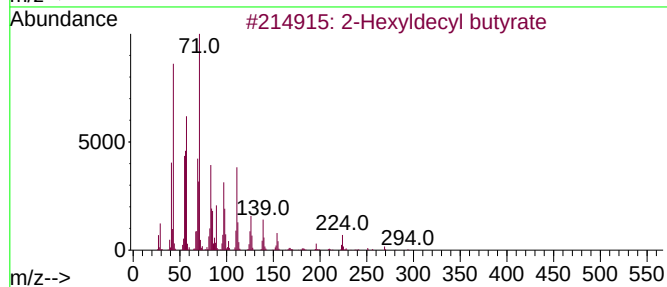
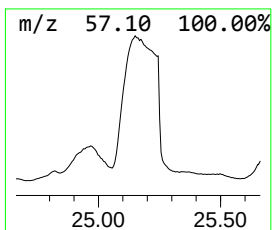
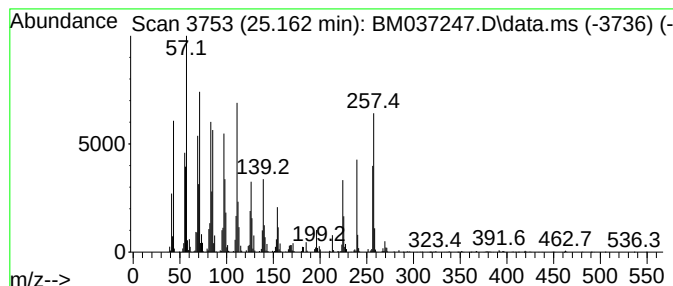
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Hexyldecyl butyrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.162	217.99 ng	139566000	Perylene-d12	23.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexyldecyl butyrate	312	C20H40O2	1072782-00-3	55
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	49
3			Octadecane	254	C18H38	000593-45-3	47
4			11-Methyltricosane	338	C24H50	027538-41-6	42
5			Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037247.D
Acq On : 26 Oct 2022 21:01
Operator : CG/JU
Sample : N5156-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

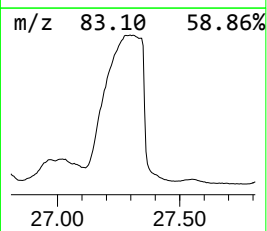
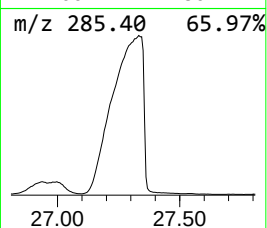
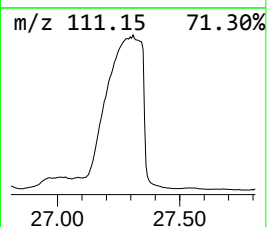
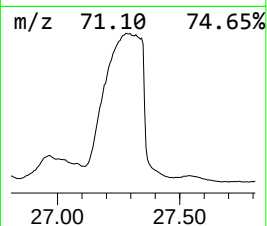
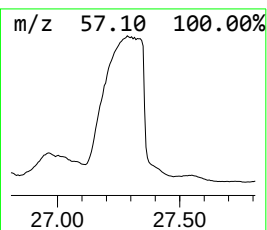
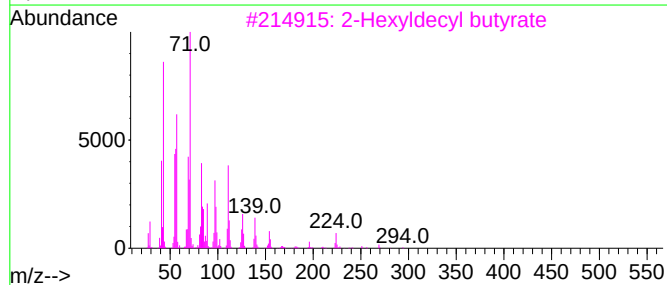
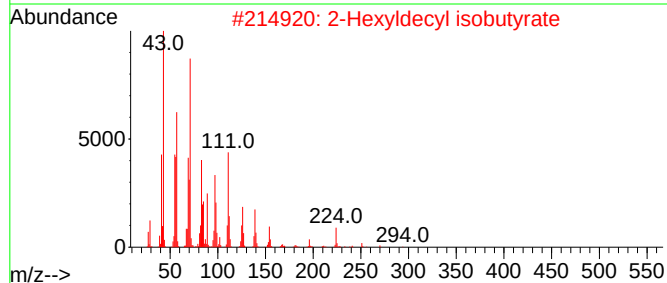
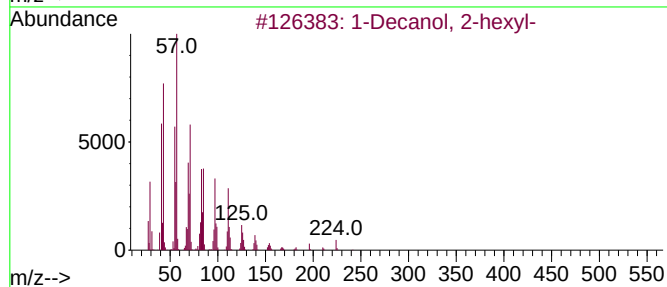
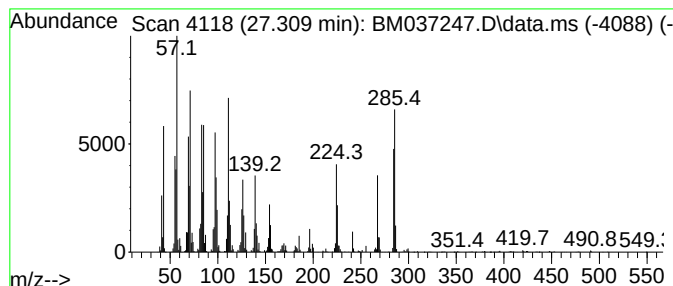
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Hexyldecyl isobutyrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.309	238.59 ng	152750000	Perylene-d12	23.827

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-		242	C16H34O	002425-77-6	83
2	2-Hexyldecyl isobutyrate		312	C20H40O2	1000368-55-3	60
3	2-Hexyldecyl butyrate		312	C20H40O2	1072782-00-3	55
4	2-Hexyldecyl acetate		284	C18H36O2	082409-75-4	38
5	Tetratriacontane, 2-methyl-		493	C35H72	014167-65-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
 Data File : BM037247.D
 Acq On : 26 Oct 2022 21:01
 Operator : CG/JU
 Sample : N5156-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Decanoic acid	12.969	126.5	ng	20262800	3	14.522	3203900	20.0
2-Propenoic aci...	14.227	335.0	ng	53670800	3	14.522	3203900	20.0
Dodecanoic acid	15.110	584.5	ng	93636300	3	14.522	3203900	20.0
1-Octanol, 5,7,...	16.551	1731.0	ng	181615000	4	17.292	2098370	20.0
Tetradecanoic acid	16.827	801.8	ng	84120100	4	17.292	2098370	20.0
1-Decanol, 2-he...	17.074	493.6	ng	51787800	4	17.292	2098370	20.0
Hexadecanoic ac...	17.951	272.5	ng	28587300	4	17.292	2098370	20.0
n-Hexadecanoic ...	18.339	981.6	ng	102990000	4	17.292	2098370	20.0
Hexadecanoic ac...	18.404	207.0	ng	21716300	4	17.292	2098370	20.0
Isopropyl palmi...	18.604	268.9	ng	28214200	4	17.292	2098370	20.0
14-Octadecenoic...	19.110	560.7	ng	58829400	4	17.292	2098370	20.0
Methyl stearate	19.262	139.5	ng	14635800	4	17.292	2098370	20.0
9,17-Octadecadi...	19.492	92.6	ng	45126200	5	21.468	9747700	20.0
Octadecanoic ac...	19.839	423.2	ng	206250000	5	21.468	9747700	20.0
Benzoic acid, t...	20.374	105.0	ng	51181400	5	21.468	9747700	20.0
Eicosanoic acid...	20.674	106.0	ng	51653000	5	21.468	9747700	20.0
6-Octadecenoic ...	21.962	98.0	ng	47741800	5	21.468	9747700	20.0
unknown23.162	23.162	177.9	ng	113894000	6	23.827	12804700	20.0
2-Hexyldecyl bu...	25.162	218.0	ng	139566000	6	23.827	12804700	20.0
2-Hexyldecyl is...	27.309	238.6	ng	152750000	6	23.827	12804700	20.0