

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
 Data File : BM032671.D
 Acq On : 22 Oct 2021 12:31
 Operator : CG/JU
 Sample : M4245-02 5X
 Misc :
 ALS Vial : 6 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-BM100221.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM032671.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.542	793	800	808	rBV	834726	1291118	1.15%	0.125%
2	7.701	808	827	831	rBV	11284362	51967992	46.18%	5.026%
3	9.025	1021	1052	1056	rBV	1215404	6374897	5.66%	0.617%
4	9.125	1062	1069	1075	rVB	1658519	2413569	2.14%	0.233%
5	9.831	1164	1189	1193	rBV	1127222	4860352	4.32%	0.470%
6	10.330	1262	1274	1281	rBV	1186787	2160290	1.92%	0.209%
7	12.548	1637	1651	1660	rBV	1294167	3184231	2.83%	0.308%
8	12.813	1688	1696	1704	rBV	1180861	1759916	1.56%	0.170%
9	13.313	1775	1781	1785	rBV	1361156	2056922	1.83%	0.199%
10	13.554	1785	1822	1825	rVB	4554497	32133465	28.55%	3.108%
11	14.101	1906	1915	1924	rBV2	586265	1149949	1.02%	0.111%
12	14.201	1925	1932	1936	rVV	1883080	2746359	2.44%	0.266%
13	14.242	1936	1939	1942	rVV	1091085	1461507	1.30%	0.141%
14	14.283	1942	1946	1951	rVV	5560916	7383582	6.56%	0.714%
15	14.783	2004	2031	2042	rBV	8704020	49070631	43.60%	4.746%
16	15.271	2108	2114	2119	rVB	9869493	14336817	12.74%	1.387%
17	15.748	2189	2195	2208	rVB2	991008	1752664	1.56%	0.170%
18	16.130	2250	2260	2263	rBV2	2316647	3856640	3.43%	0.373%
19	16.177	2263	2268	2272	rVV	4308861	5845850	5.19%	0.565%
20	16.224	2272	2276	2280	rVV	2530072	2974165	2.64%	0.288%
21	16.395	2295	2305	2334	rBV	3166865	15829852	14.07%	1.531%
22	16.724	2356	2361	2377	rVB	1315201	3043842	2.70%	0.294%
23	16.877	2380	2387	2394	rVV	7486539	14856372	13.20%	1.437%
24	16.936	2394	2397	2404	rVB	1924292	2544480	2.26%	0.246%
25	17.624	2503	2514	2527	rBV	10425369	25975385	23.08%	2.512%
26	17.977	2546	2574	2594	rBV3	11761857	112539371	100.00%	10.884%
27	18.118	2595	2598	2600	rVV2	1899477	3155914	2.80%	0.305%
28	18.153	2600	2604	2618	rVV3	2774627	10173396	9.04%	0.984%
29	18.342	2618	2636	2649	rVB3	19321776	90248103	80.19%	8.728%
30	18.824	2702	2718	2729	rBV5	13064594	69040551	61.35%	6.677%
31	18.942	2732	2738	2758	rVB2	11966439	51855819	46.08%	5.015%
32	19.606	2844	2851	2861	rBV7	10442362	60840819	54.06%	5.884%
33	19.706	2865	2868	2876	rBV3	1659492	3018482	2.68%	0.292%
34	19.865	2892	2895	2901	rVB	2022997	2469585	2.19%	0.239%
35	19.918	2901	2904	2906	rVV	1660845	1965406	1.75%	0.190%
36	19.965	2910	2912	2918	rVB	1394651	1615930	1.44%	0.156%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	20.024	2919	2922	2925	rBV	2292326	2318251	2.06%	0.224%
38	20.065	2925	2929	2934	rVB3	5193712	6871750	6.11%	0.665%
39	20.259	2958	2962	2969	rBV2	1684987	2421826	2.15%	0.234%
40	20.395	2977	2985	2995	rVB	10757057	21293358	18.92%	2.059%
41	20.506	2996	3004	3007	rVV3	12448414	25494990	22.65%	2.466%
42	20.553	3008	3012	3016	rVB	2678149	2972792	2.64%	0.288%
43	20.812	3053	3056	3058	rBV2	910883	1150133	1.02%	0.111%
44	20.847	3058	3062	3067	rVB	7277266	9491402	8.43%	0.918%
45	20.959	3076	3081	3086	rVB2	6413462	9147143	8.13%	0.885%
46	21.012	3086	3090	3094	rVB	2240687	2339513	2.08%	0.226%
47	21.153	3110	3114	3120	rVB	1638902	2355957	2.09%	0.228%
48	21.347	3143	3147	3152	rVB	6491928	7969769	7.08%	0.771%
49	21.518	3172	3176	3180	rBV	940361	1179624	1.05%	0.114%
50	21.606	3186	3191	3194	rBV	5183191	7623718	6.77%	0.737%
51	21.642	3194	3197	3202	rVV	2870449	5124101	4.55%	0.496%
52	21.706	3202	3208	3212	rVV	11155924	22481154	19.98%	2.174%
53	21.771	3212	3219	3225	rVV3	11165968	31516171	28.00%	3.048%
54	21.859	3226	3234	3251	rVB3	11690072	33626358	29.88%	3.252%
55	22.200	3288	3292	3297	rVB	4447757	6158501	5.47%	0.596%
56	22.565	3349	3354	3359	rBV	3426713	5645762	5.02%	0.546%
57	22.688	3361	3375	3383	rVB3	13447218	53994162	47.98%	5.222%
58	22.812	3393	3396	3402	rVB	1279283	1825798	1.62%	0.177%
59	22.941	3413	3418	3426	rBV	2976944	4554782	4.05%	0.440%
60	23.212	3460	3464	3469	rVV	1201155	1764395	1.57%	0.171%
61	23.271	3470	3474	3485	rVB2	1279839	2191367	1.95%	0.212%
62	24.277	3638	3645	3650	rBV	3232577	6871604	6.11%	0.665%
63	24.324	3650	3653	3660	rVB2	940201	1737689	1.54%	0.168%
64	25.812	3899	3906	3910	rBV	1775672	4828689	4.29%	0.467%
65	25.865	3911	3915	3923	rVB	2450355	5483282	4.87%	0.530%
66	26.065	3943	3949	3960	rVB4	1076026	2901571	2.58%	0.281%
67	26.612	4031	4042	4051	rVB	3422124	10929465	9.71%	1.057%
68	26.788	4066	4072	4089	rVB3	1834890	6476887	5.76%	0.626%
69	27.300	4148	4159	4163	rBV2	2591747	9282737	8.25%	0.898%
70	27.382	4164	4173	4194	rVB5	6779867	28552672	25.37%	2.761%
71	28.218	4299	4315	4317	rBV4	4698980	17476449	15.53%	1.690%

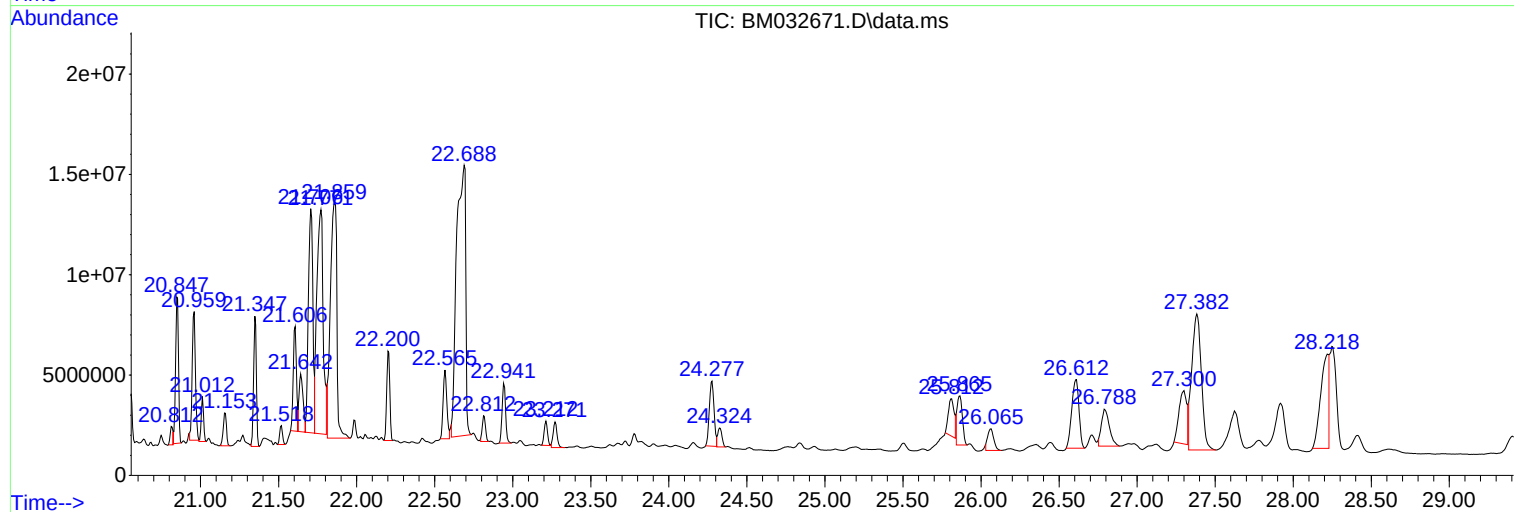
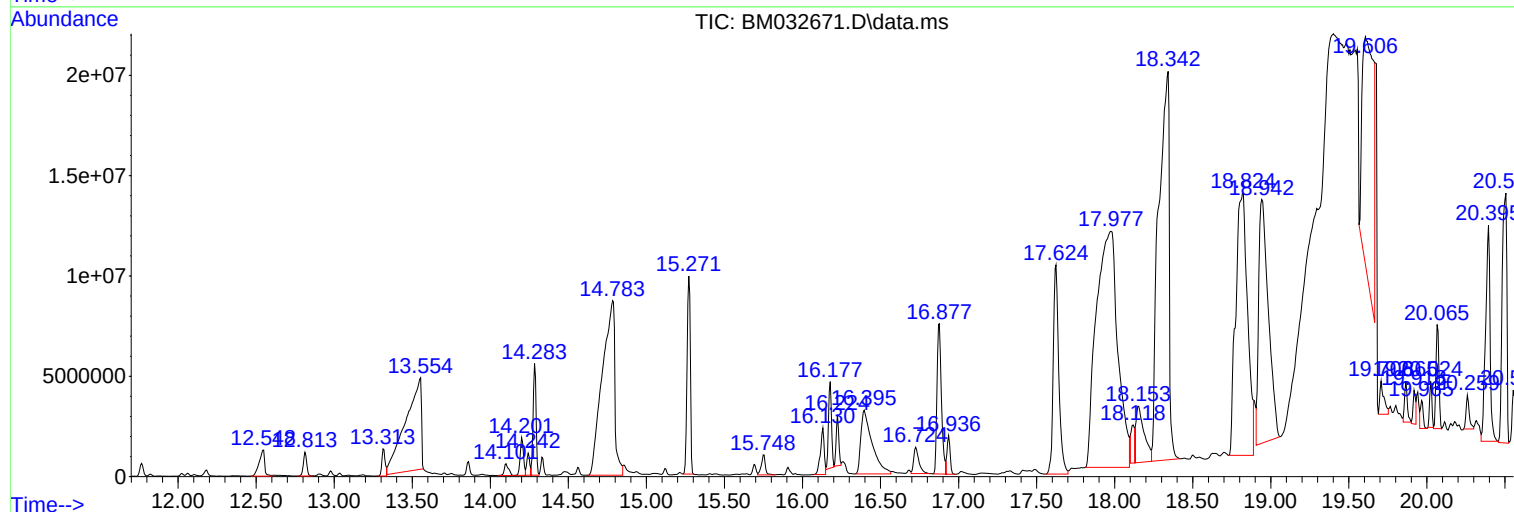
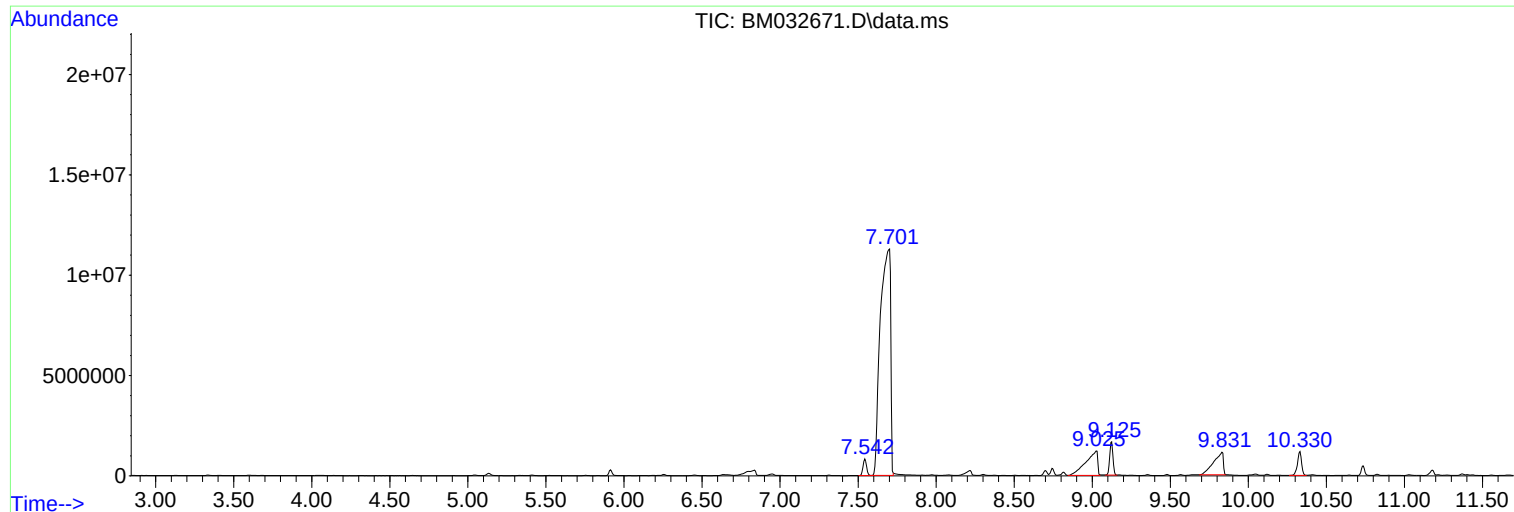
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
BNA_M
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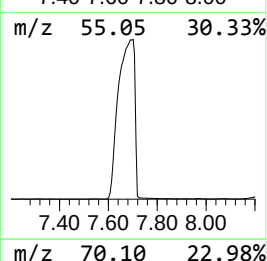
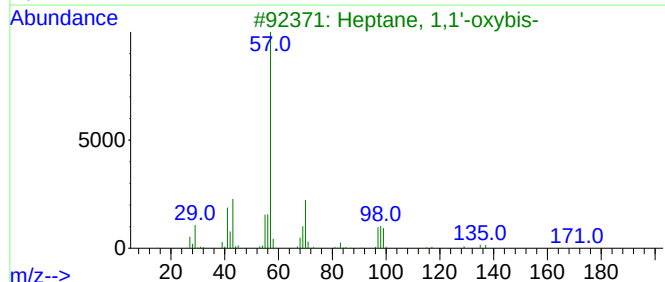
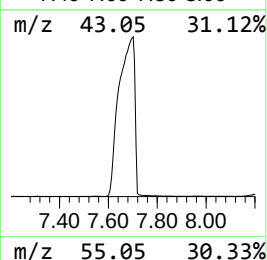
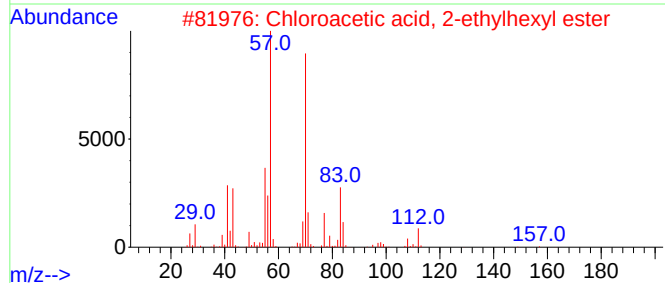
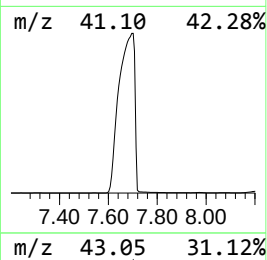
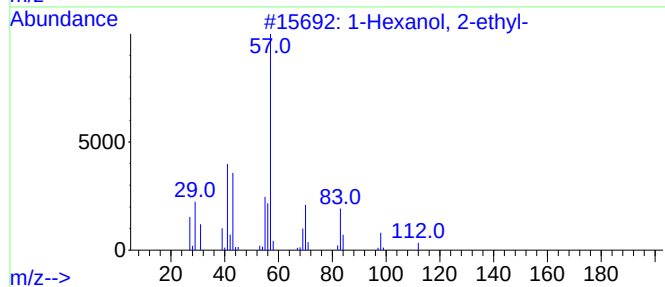
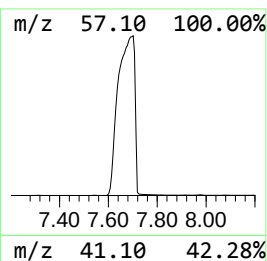
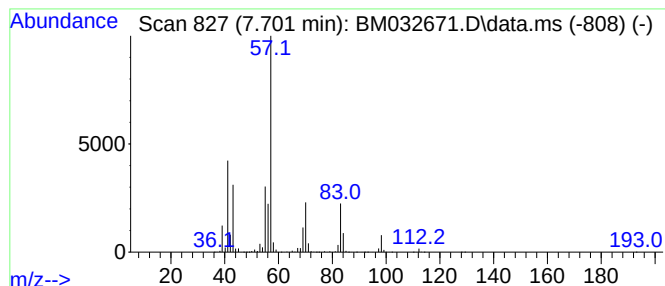
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TIC Library : C:\Database\NIST20.L
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Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.701	805.01 ng	51968000	1,4-Dichlorobenzene-d4	7.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	90
2	Chloroacetic acid, 2-ethylhexyl ...			206	C10H19ClO2	005345-58-4	59
3	Heptane, 1,1'-oxybis-			214	C14H30O	000629-64-1	53
4	2-Decene, 5-methyl-, (Z)-			154	C11H22	074645-86-6	50
5	Pentadecafluorooctanoic acid, 2-...			526	C16H17F15O2	1000406-80-9	50



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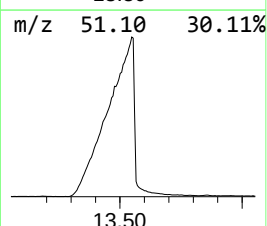
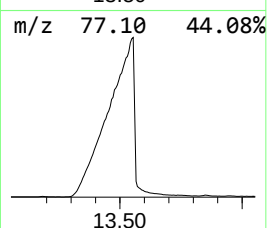
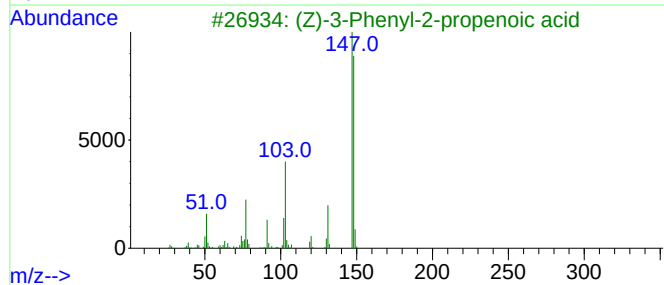
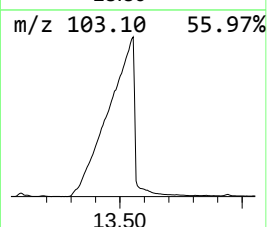
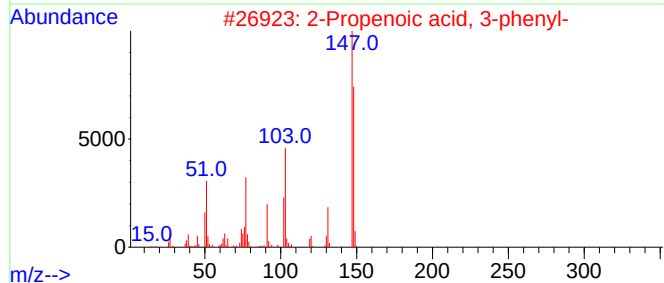
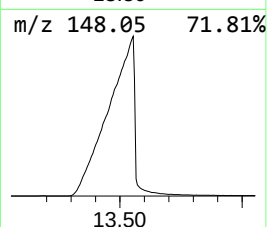
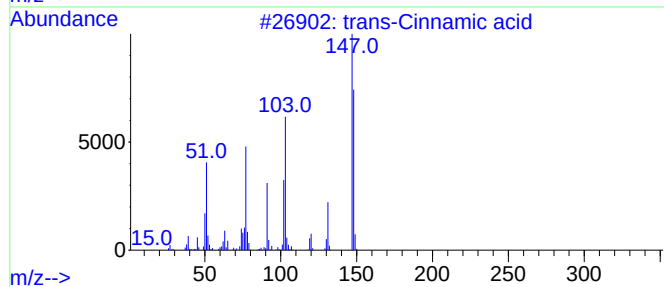
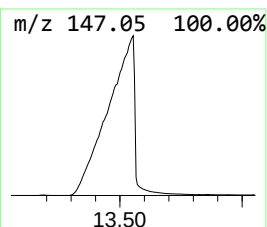
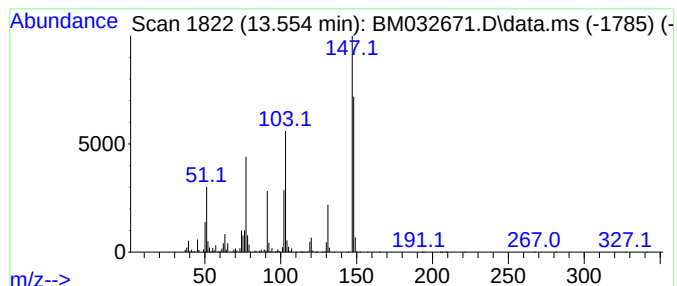
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 trans-Cinnamic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.554	234.01 ng	32133500	Acenaphthene-d10	14.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Cinnamic acid	148	C9H8O2	000140-10-3	98
2			2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	97
3			(Z)-3-Phenyl-2-propenoic acid	148	C9H8O2	000102-94-3	94
4			Atropic acid	148	C9H8O2	000492-38-6	55
5			4-Vinylbenzoic acid	148	C9H8O2	001075-49-6	45



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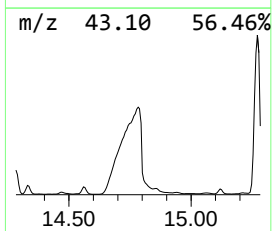
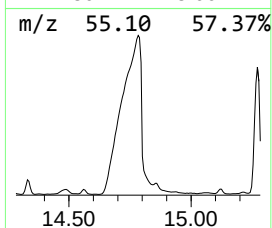
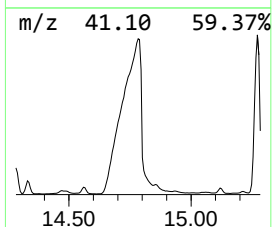
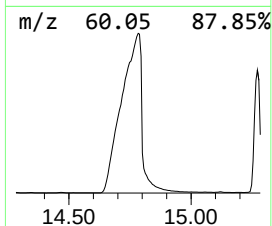
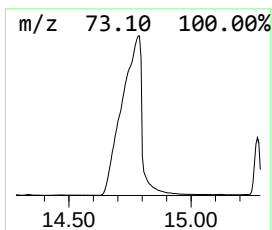
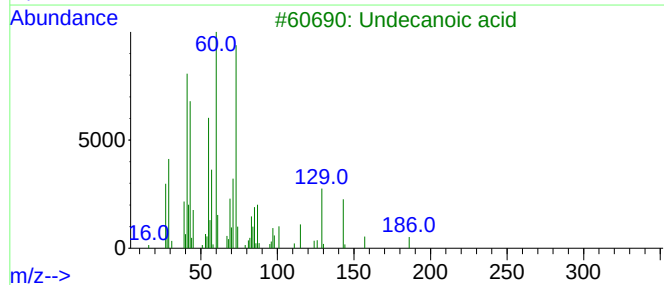
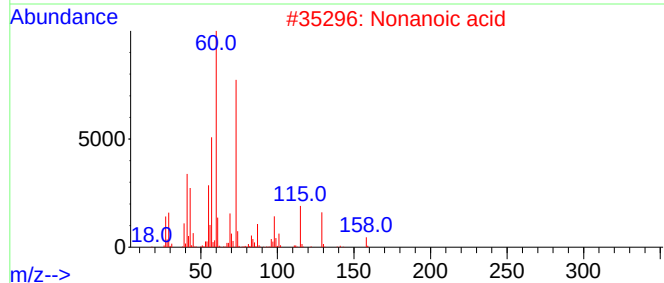
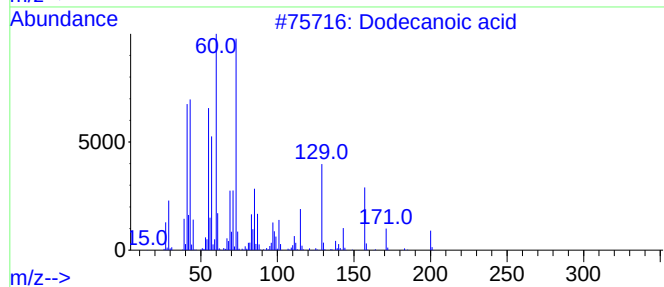
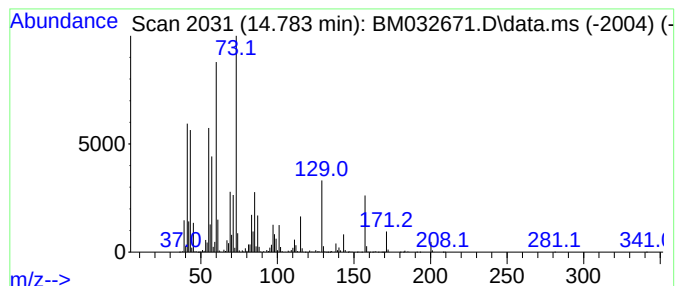
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Dodecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.783	357.35 ng	49070600	Acenaphthene-d10	14.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	98
2			Nonanoic acid	158	C9H18O2	000112-05-0	62
3			Undecanoic acid	186	C11H22O2	000112-37-8	59
4			n-Decanoic acid	172	C10H20O2	000334-48-5	53
5			Octanoic acid	144	C8H16O2	000124-07-2	49



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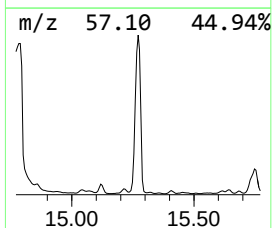
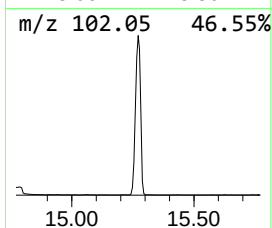
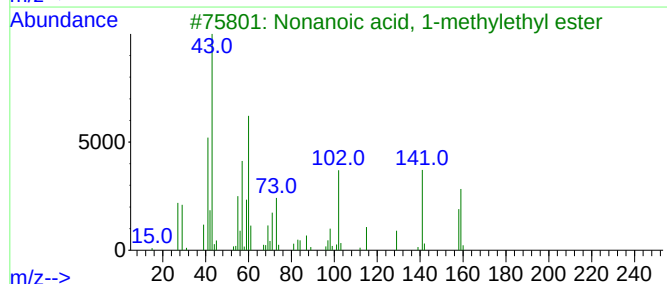
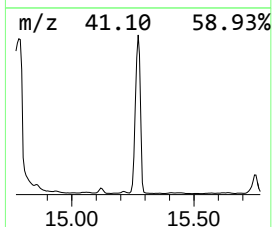
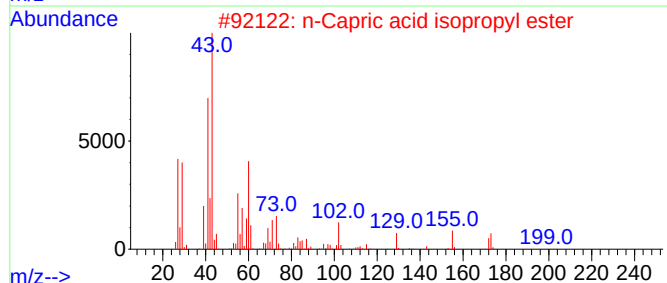
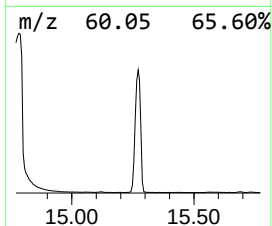
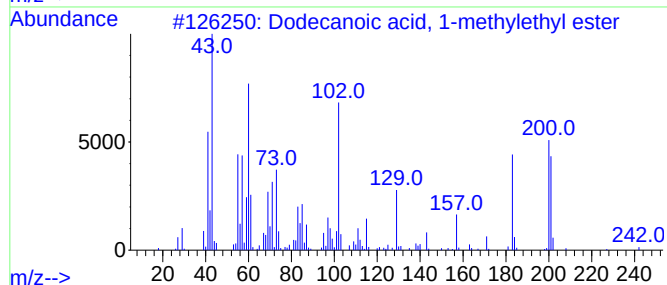
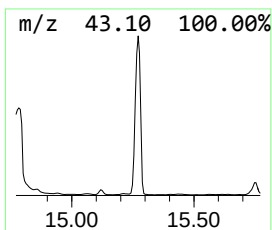
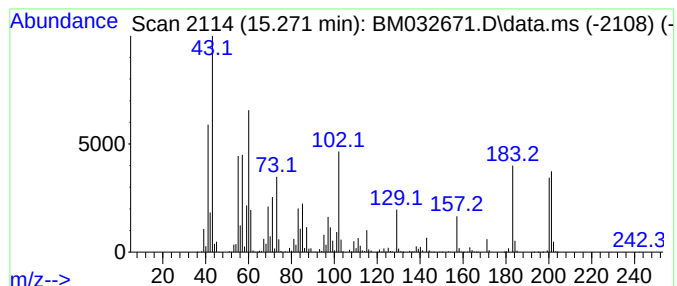
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Dodecanoic acid, 1-methylet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.271	104.41 ng	14336800	Acenaphthene-d10	14.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	91
2			n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43
3			Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	38
4			Nonanoic acid	158	C9H18O2	000112-05-0	20
5			3-Bromobenzoic acid, 10-undeceny...	352	C18H25BrO2	1000281-94-7	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032671.D
Acq On : 22 Oct 2021 12:31
Operator : CG/JU
Sample : M4245-02 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

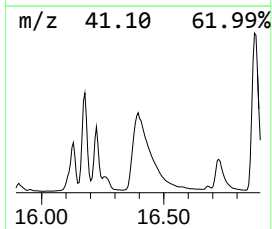
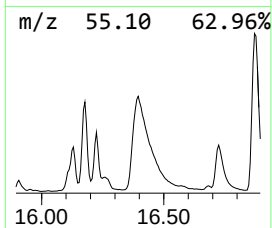
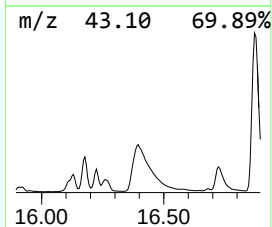
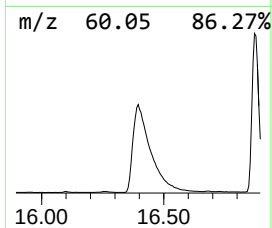
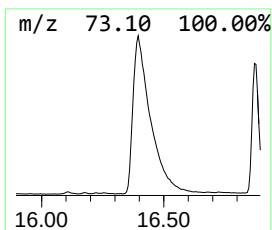
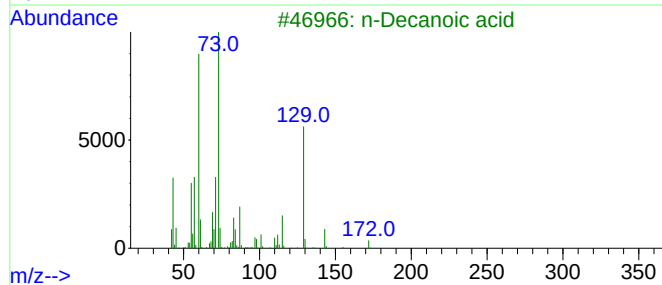
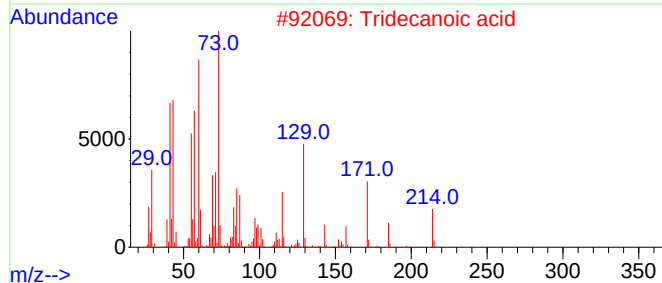
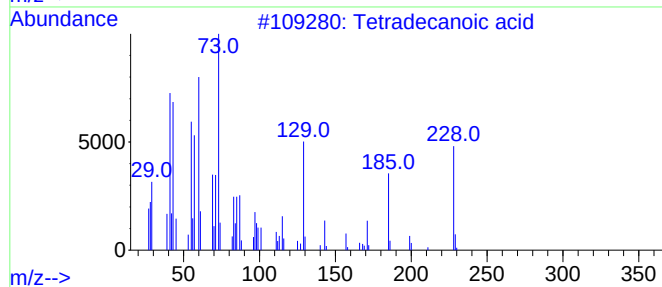
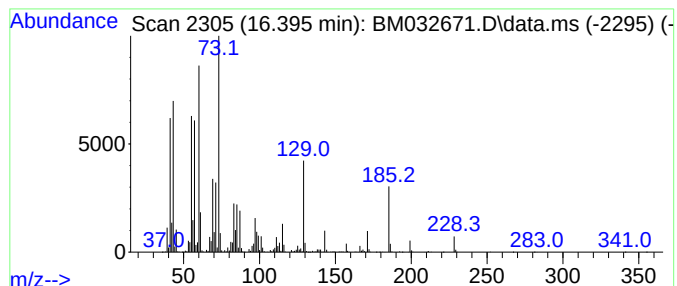
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.395	124.43 ng	15829900	Phenanthrene-d10	16.936

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2			Tridecanoic acid	214	C13H26O2	000638-53-9	86
3			n-Decanoic acid	172	C10H20O2	000334-48-5	76
4			Undecanoic acid	186	C11H22O2	000112-37-8	64
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032671.D
Acq On : 22 Oct 2021 12:31
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Sample : M4245-02 5X
Misc :
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ClientSampleId :
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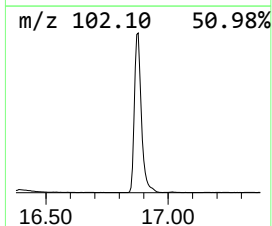
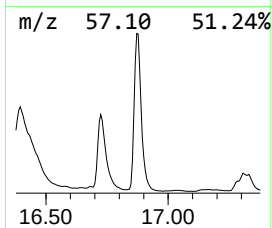
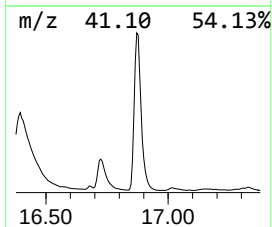
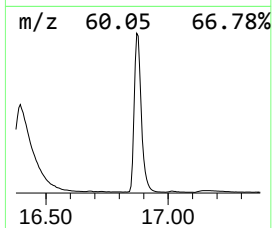
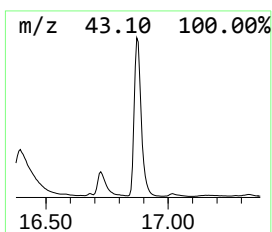
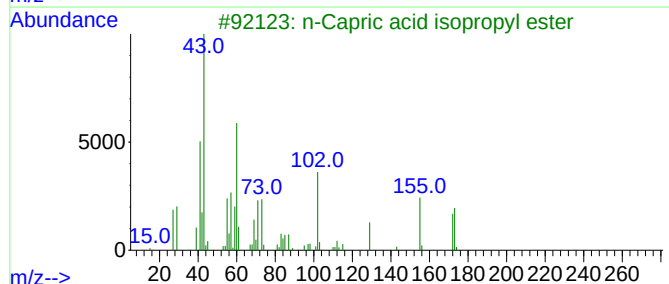
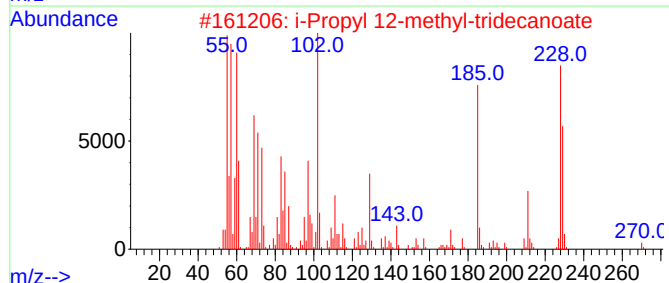
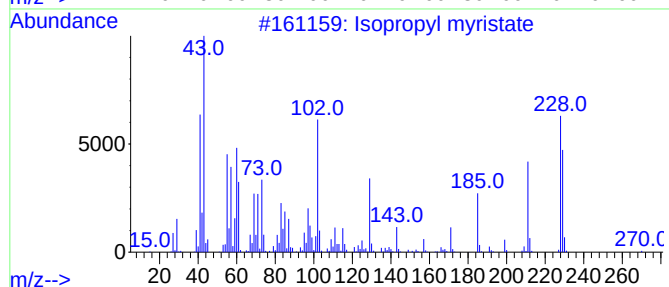
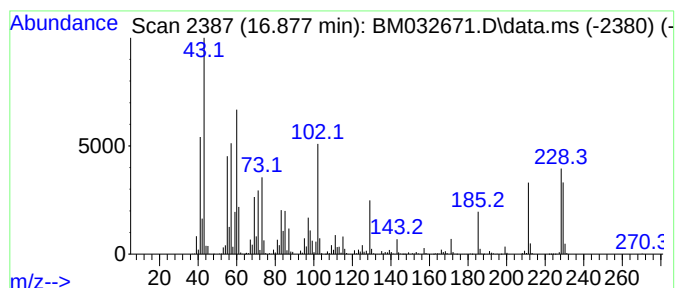
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Isopropyl myristate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.877	116.77 ng	14856400	Phenanthrene-d10	16.936

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isopropyl myristate	270	C17H34O2	000110-27-0	87
2		i-Propyl 12-methyl-tridecanoate	270	C17H34O2	1000336-60-4	50
3		n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	35
4		8-Methylnonanoic acid	172	C10H20O2	005963-14-4	14
5		Methyl isopropylidene-.beta.-d-a...	204	C9H16O5	1000129-88-1	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
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Operator : CG/JU
Sample : M4245-02 5X
Misc :
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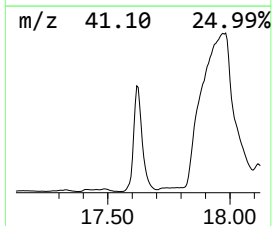
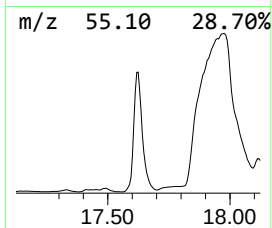
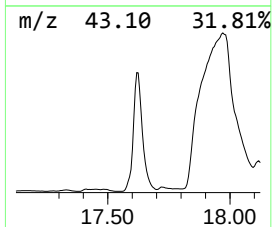
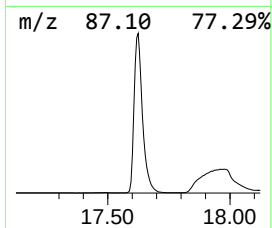
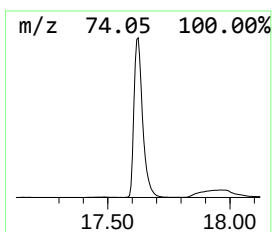
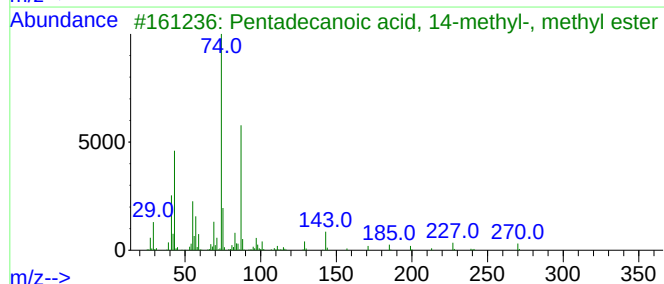
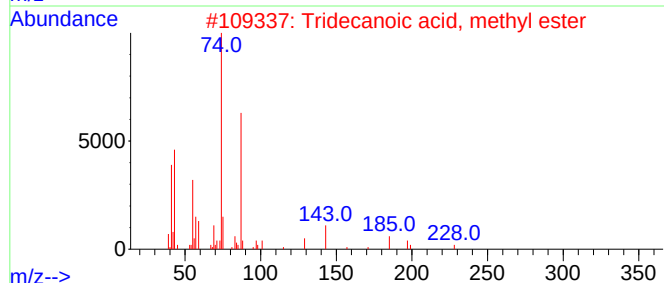
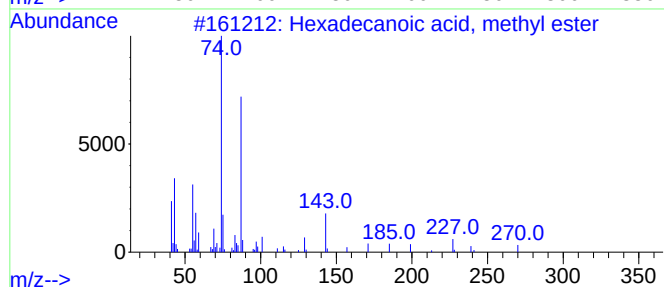
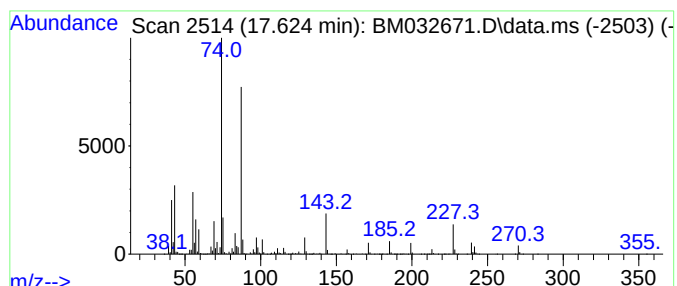
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.624	204.17 ng	25975400	Phenanthrene-d10	16.936	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032671.D
Acq On : 22 Oct 2021 12:31
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ALS Vial : 6 Sample Multiplier: 1

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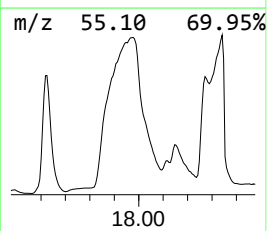
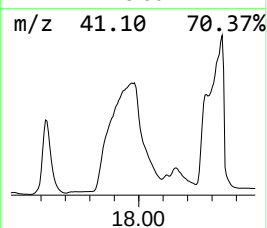
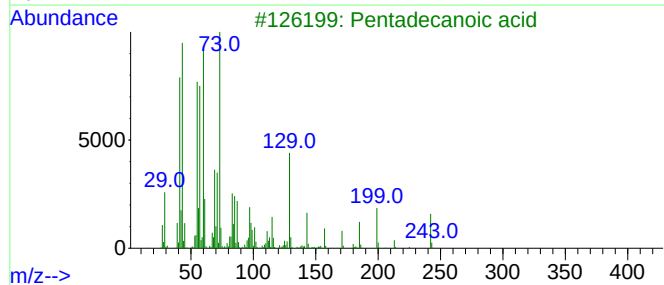
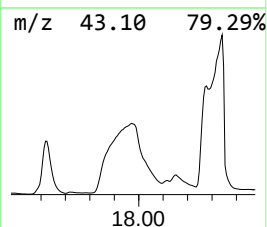
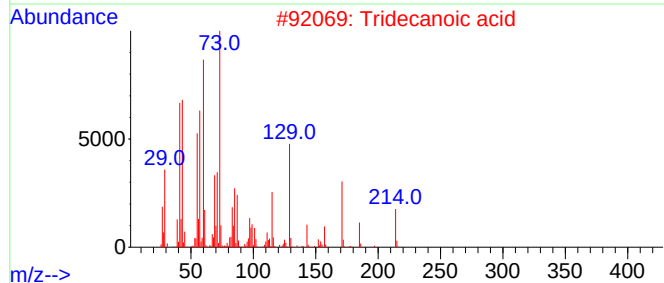
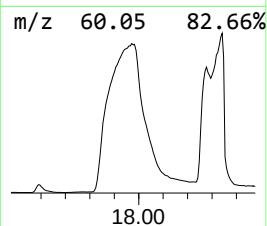
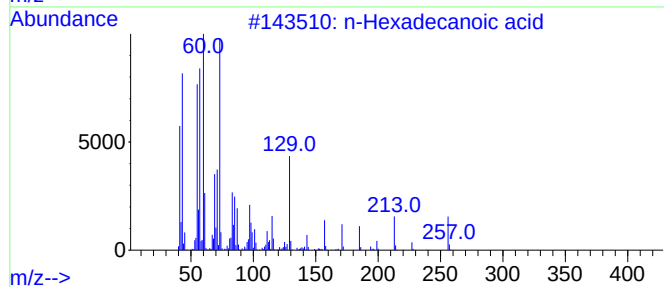
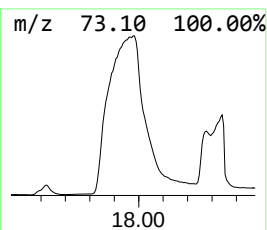
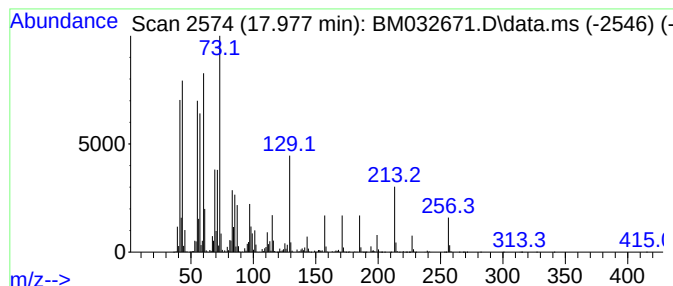
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.977	884.58 ng	112539000	Phenanthrene-d10	16.936

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Undecanoic acid	186	C11H22O2	000112-37-8	74
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
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Acq On : 22 Oct 2021 12:31
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ALS Vial : 6 Sample Multiplier: 1

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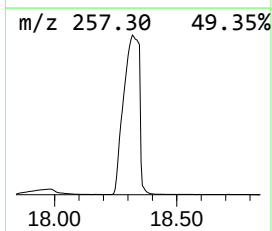
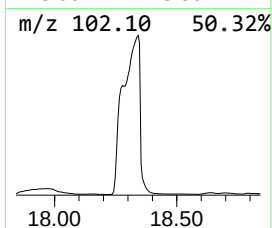
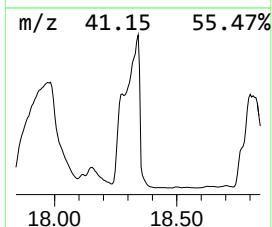
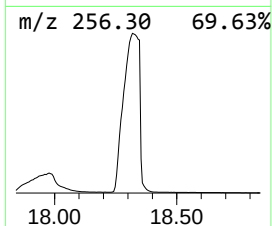
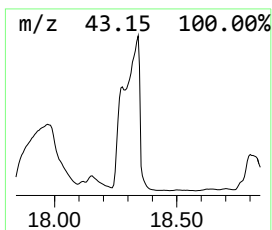
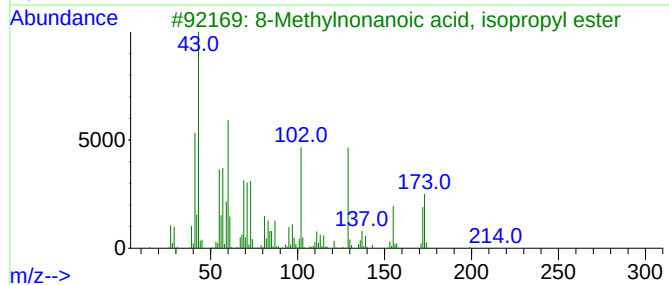
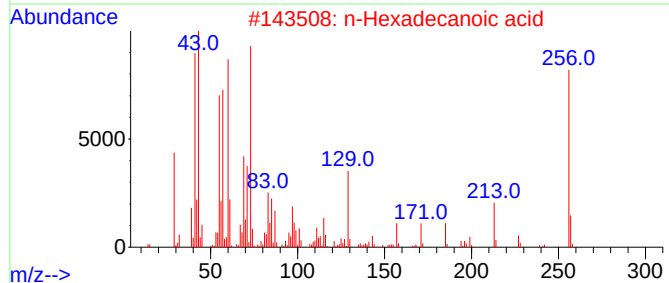
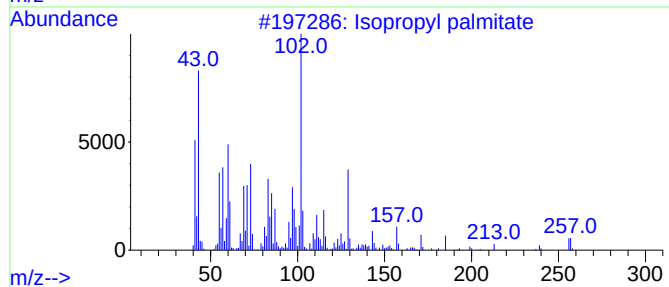
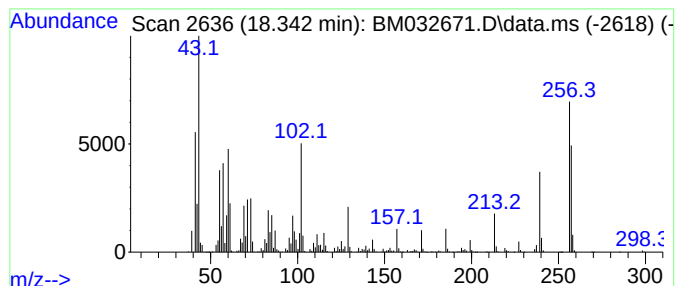
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Isopropyl palmitate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.342	709.36 ng	90248100	Phenanthrene-d10	16.936

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl palmitate	298	C19H38O2	000142-91-6	74
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	41
3			8-Methylnonanoic acid, isopropyl...	214	C13H26O2	1000452-00-6	27
4			Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	22
5			n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
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ALS Vial : 6 Sample Multiplier: 1

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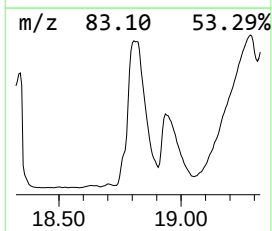
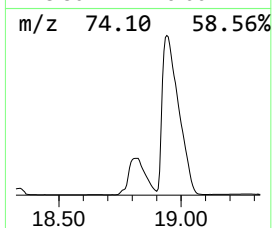
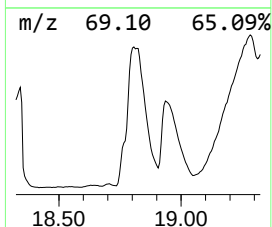
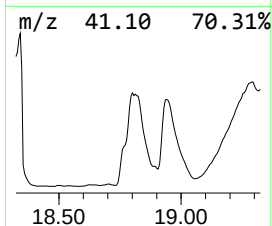
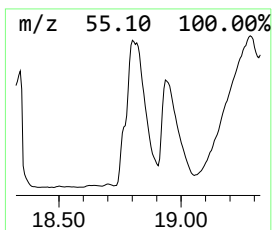
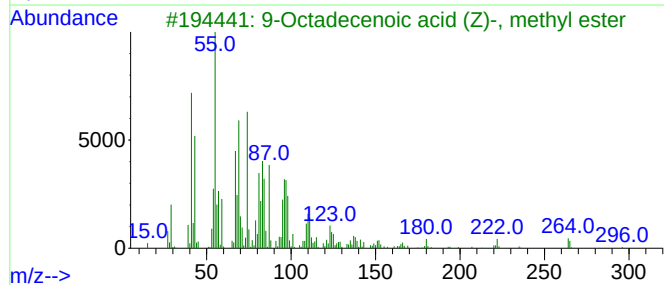
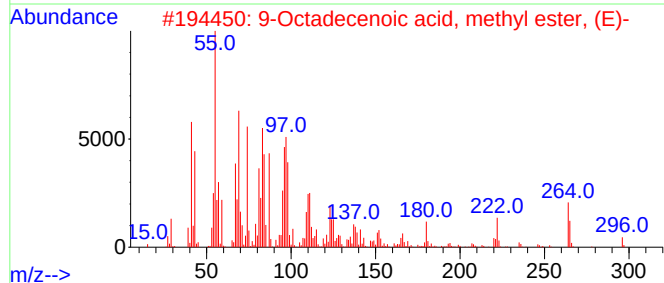
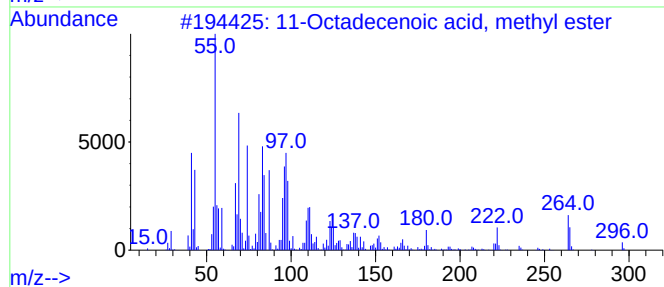
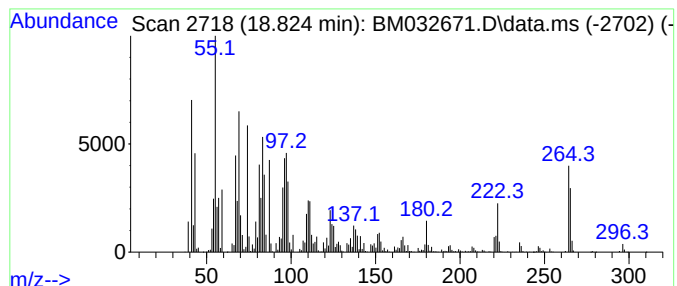
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.824	542.67 ng	69040600	Phenanthrene-d10	16.936

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
4		cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	99
5		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032671.D
Acq On : 22 Oct 2021 12:31
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ALS Vial : 6 Sample Multiplier: 1

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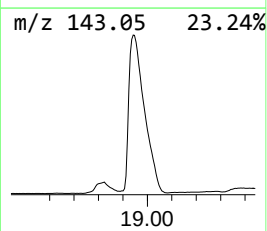
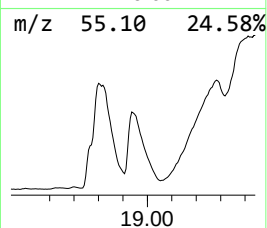
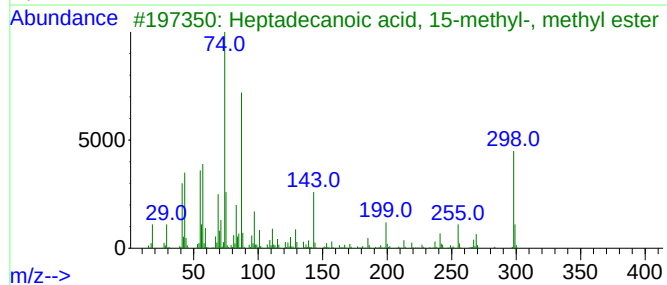
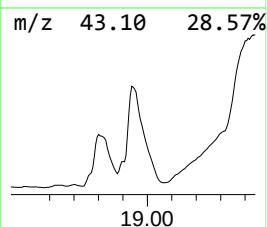
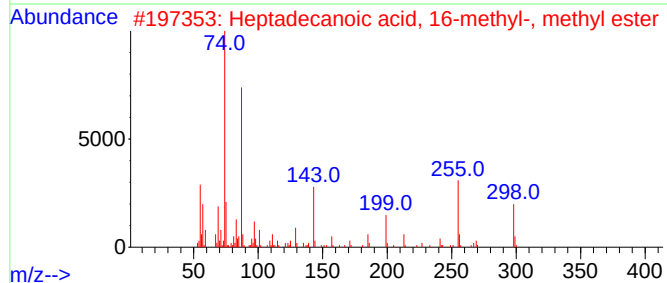
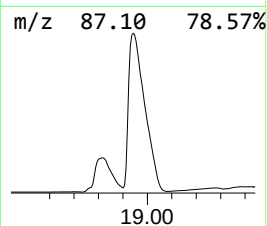
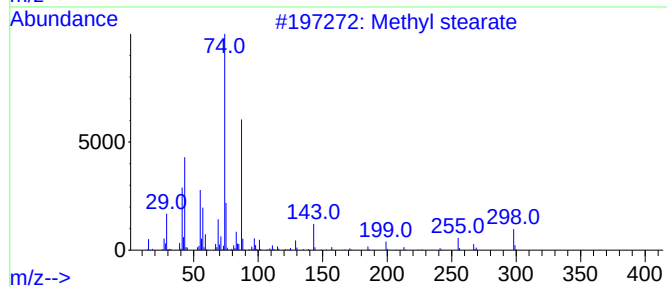
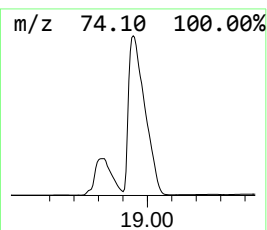
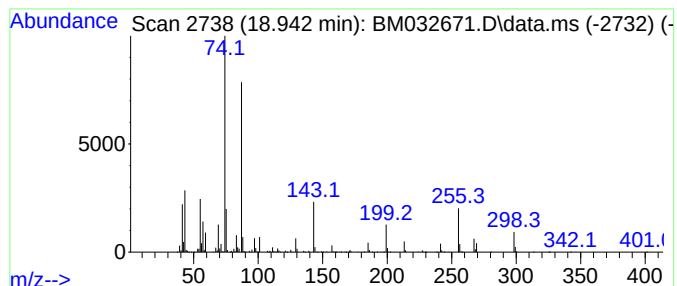
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.942	407.60 ng	51855800	Phenanthrene-d10	16.936

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	93
3			Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032671.D
Acq On : 22 Oct 2021 12:31
Operator : CG/JU
Sample : M4245-02 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

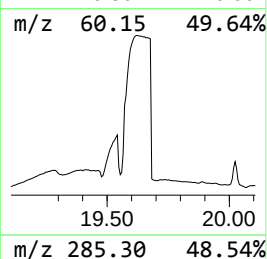
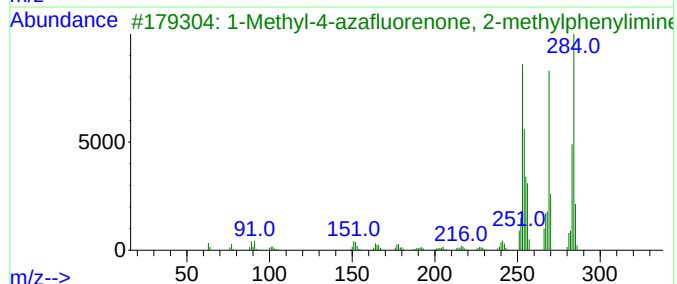
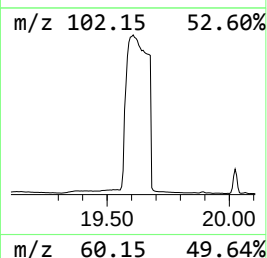
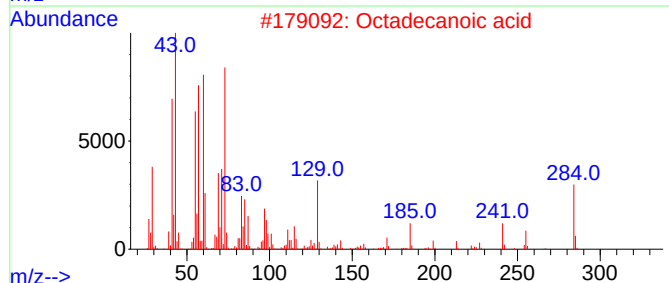
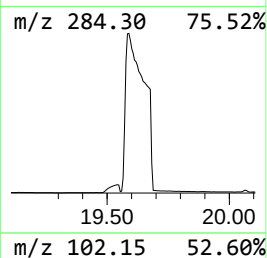
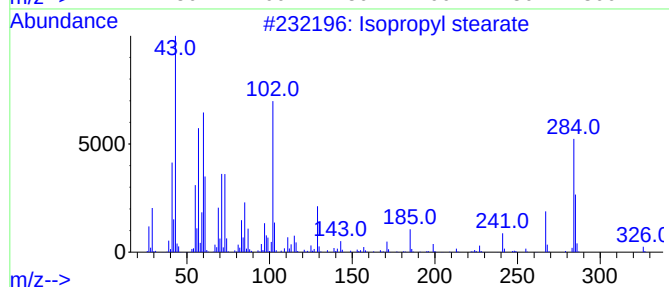
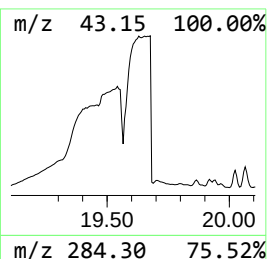
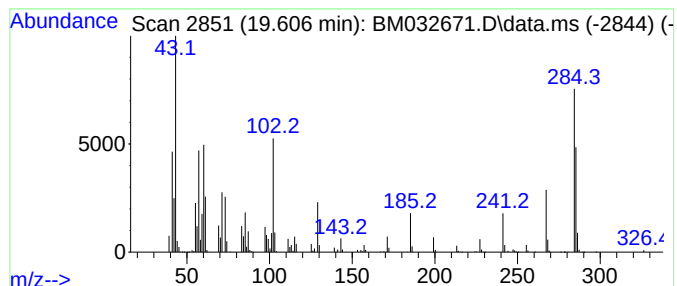
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Isopropyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.606	516.49 ng	60840800	Chrysene-d12	21.159

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl stearate	326	C21H42O2	000112-10-7	91
2			Octadecanoic acid	284	C18H36O2	000057-11-4	50
3			1-Methyl-4-azafluorenone, 2-meth...	284	C20H16N2	1000216-54-6	46
4			Benz[j]aceanthrylen-2-ol, 1,2-di...	284	C21H16O	003308-64-3	27
5			1H,8H-Pyrido[2,3-d]pyrimidine-2,...	285	C14H11N3O4	1000302-21-9	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
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Sample : M4245-02 5X
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ALS Vial : 6 Sample Multiplier: 1

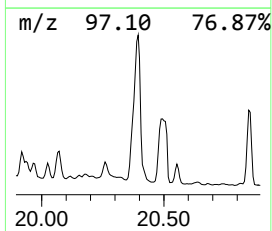
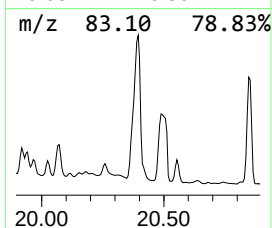
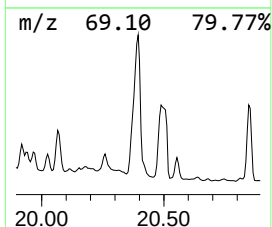
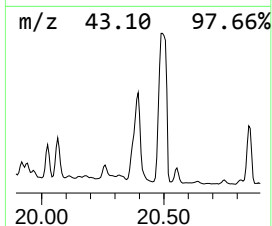
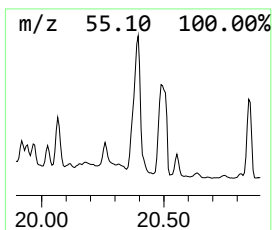
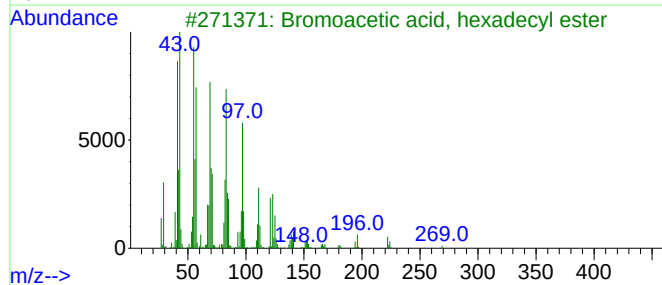
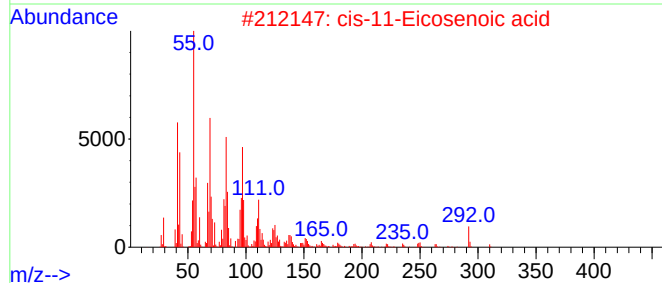
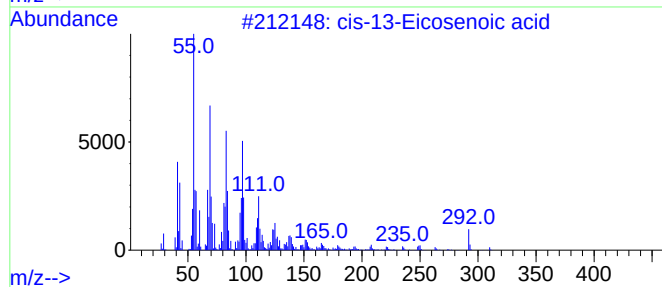
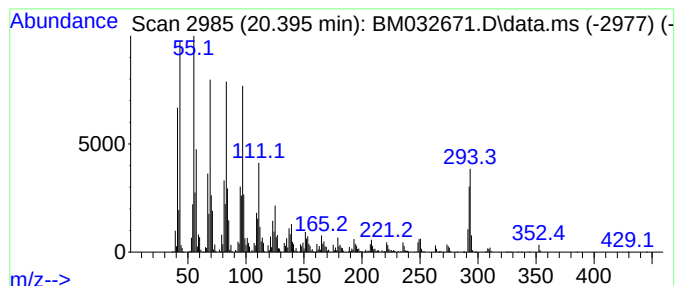
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 cis-13-Eicosenoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.395	180.76 ng	21293400	Chrysene-d12	21.159	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	86
2	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	80
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	72
4	Henicos-1-ene	294	C21H42	001599-68-4	68
5	n-Propyl 11-eicosenoate	352	C23H44O2	1010336-75-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032671.D
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Operator : CG/JU
Sample : M4245-02 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

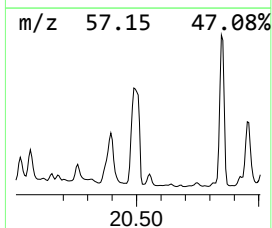
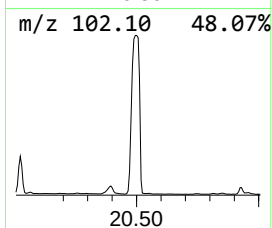
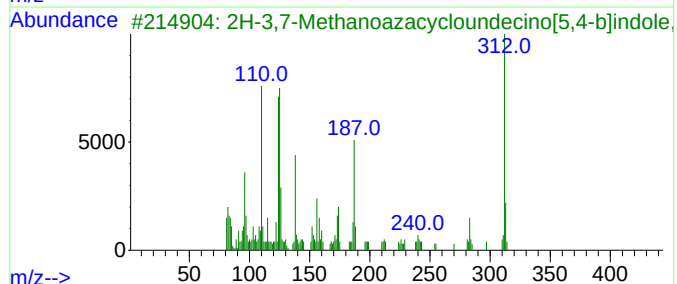
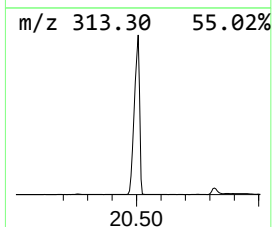
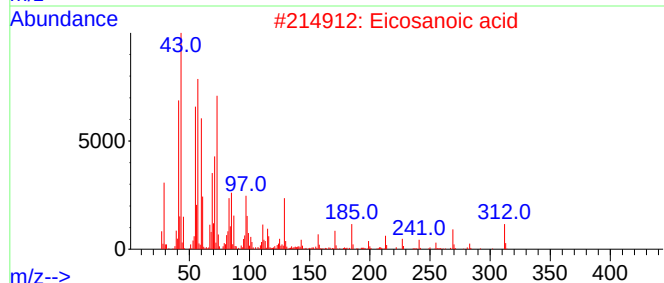
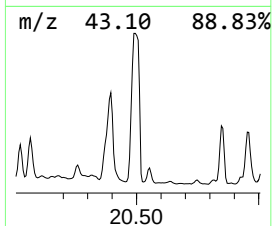
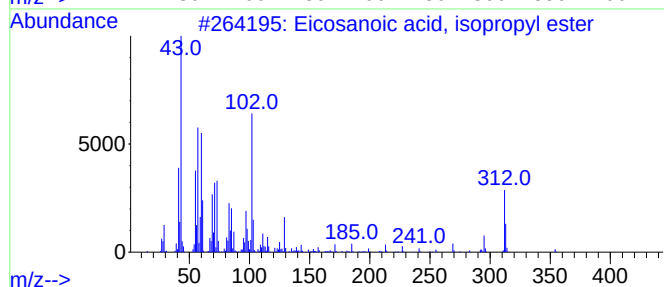
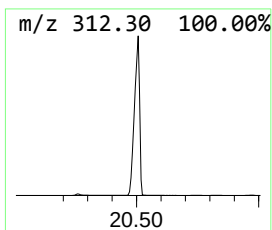
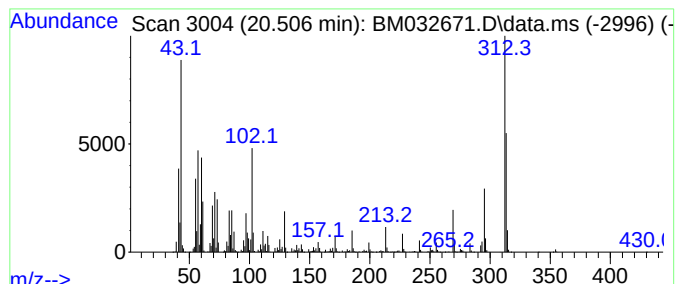
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosanoic acid, isopropyl ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.506	216.43 ng	25495000	Chrysene-d12		21.159	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosanoic acid, isopropyl ester	354	C23H46O2	1000405-13-5	89
2		Eicosanoic acid	312	C20H40O2	000506-30-9	50
3		2H-3,7-Methanoazacycloundecino[5...	312	C20H28N2O	014358-58-8	42
4		i-Propyl tricosanoate	396	C26H52O2	1000405-13-8	41
5		Eicosanoic acid, 2-hydroxy-1-(hy...	386	C23H46O4	055334-78-6	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032671.D
Acq On : 22 Oct 2021 12:31
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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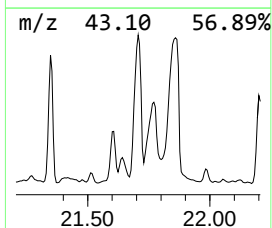
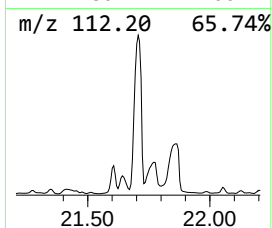
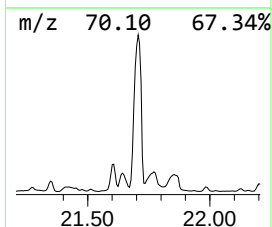
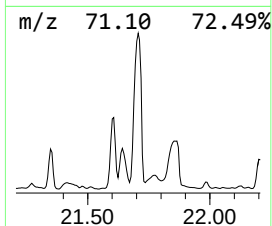
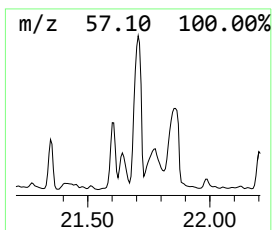
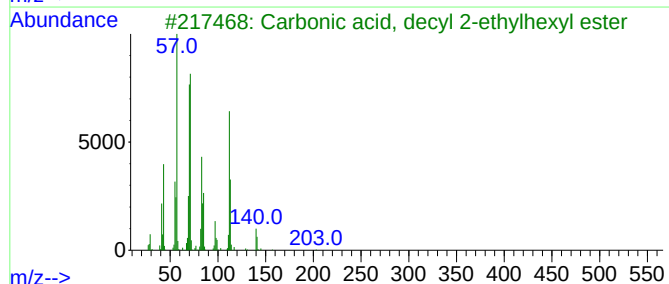
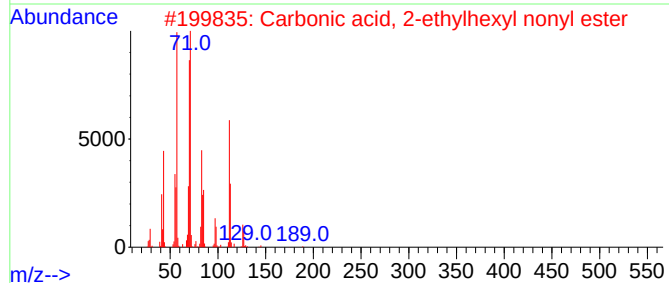
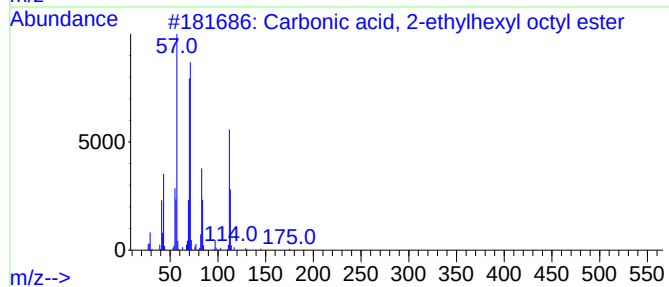
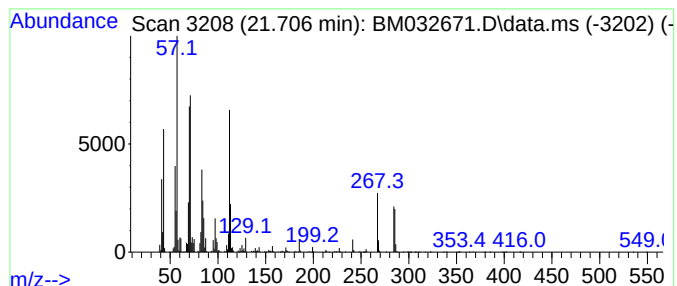
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.706	190.85 ng	22481200	Chrysene-d12	21.159

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, 2-ethylhexyl octy...	286	C17H34O3	1000383-13-5	68
2			Carbonic acid, 2-ethylhexyl nony...	300	C18H36O3	1000383-13-6	58
3			Carbonic acid, decyl 2-ethylhexy...	314	C19H38O3	1000383-13-7	58
4			Carbonic acid, bis(2-ethylhexyl)...	286	C17H34O3	014858-73-2	53
5			2-Ethylhexyl stearate	396	C26H52O2	022047-49-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032671.D
Acq On : 22 Oct 2021 12:31
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Sample : M4245-02 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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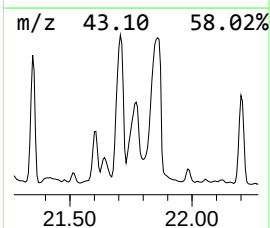
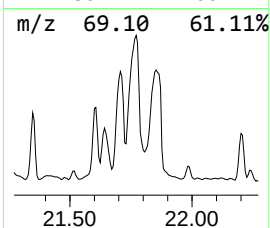
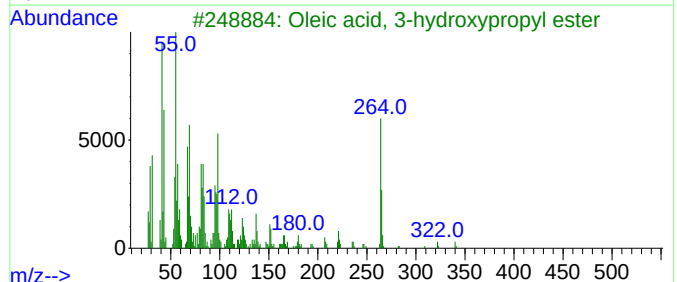
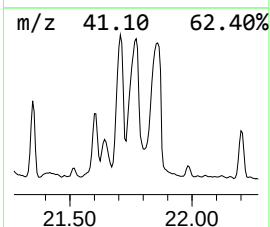
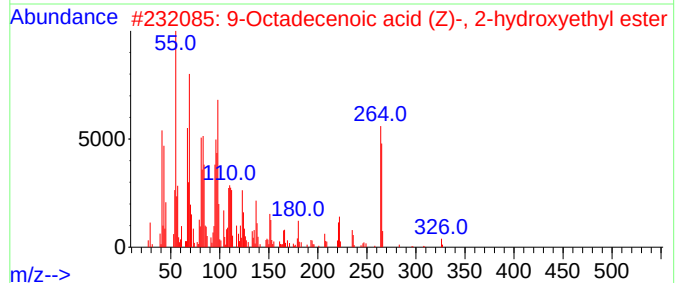
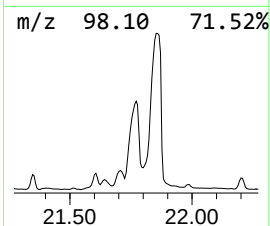
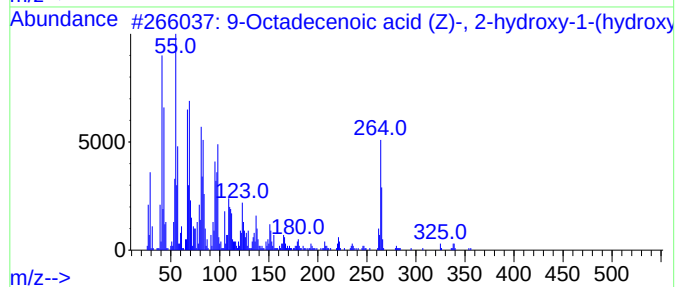
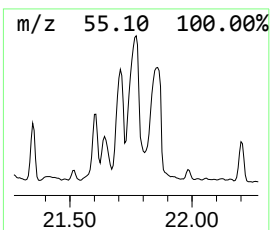
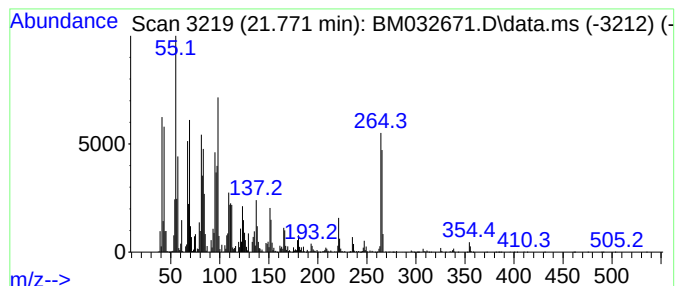
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid (Z)-, 2... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.771	267.55 ng	31516200	Chrysene-d12	21.159

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, 2-hydr...	356	C21H40O4	003443-84-3	94
2			9-Octadecenoic acid (Z)-, 2-hydr...	326	C20H38O3	004500-01-0	90
3			Oleic acid, 3-hydroxypropyl ester	340	C21H40O3	000821-17-0	90
4			9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	76
5			1-cis-Vaccenoylglycerol	356	C21H40O4	020379-67-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032671.D
Acq On : 22 Oct 2021 12:31
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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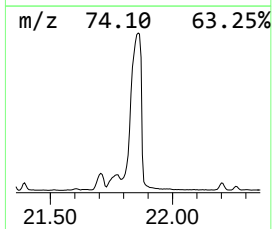
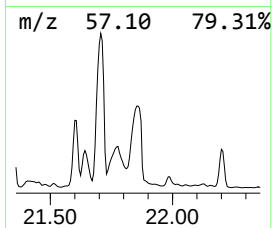
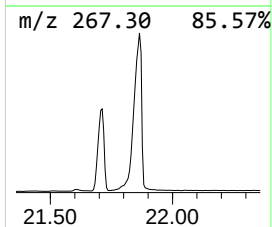
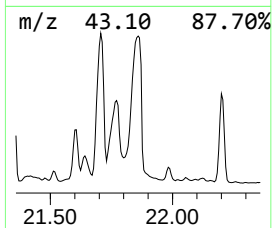
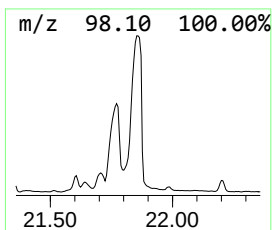
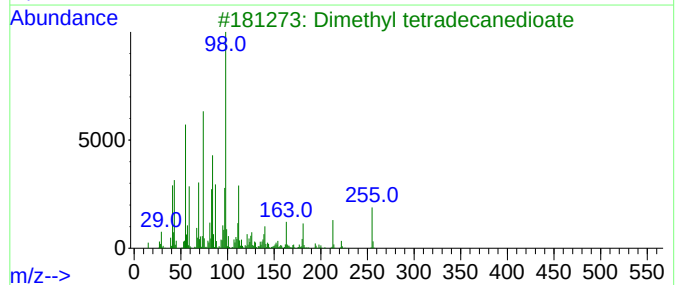
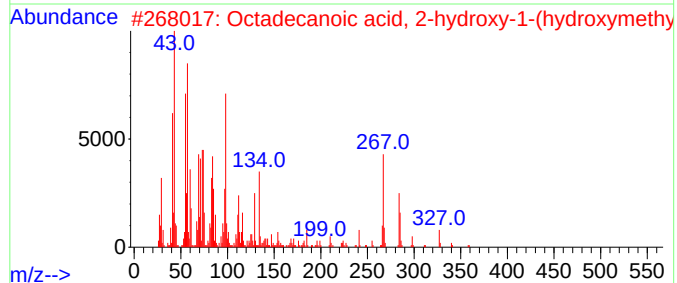
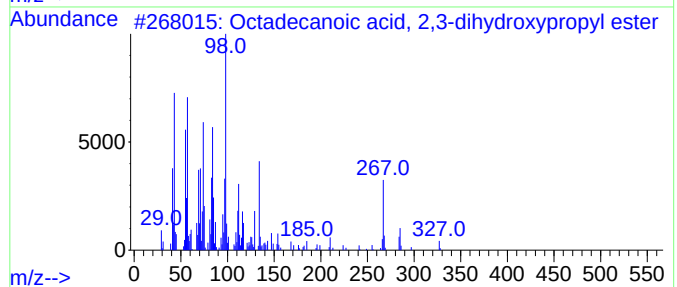
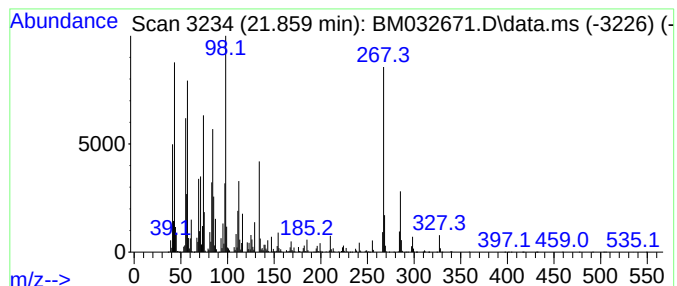
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid, 2,3-dihy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.859	285.46 ng	33626400	Chrysene-d12	21.159

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, 2,3-dihydroxy...	358	C21H42O4	000123-94-4	76
2			Octadecanoic acid, 2-hydroxy-1-(...	358	C21H42O4	000621-61-4	43
3			Dimethyl tetradecanedioate	286	C16H30O4	005024-21-5	35
4			Palmitoyl chloride	274	C16H31ClO	000112-67-4	27
5			3,6-Bis(N,N-dimethylamino)-9-met...	267	C17H21N3	119046-55-8	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032671.D
Acq On : 22 Oct 2021 12:31
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Sample : M4245-02 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

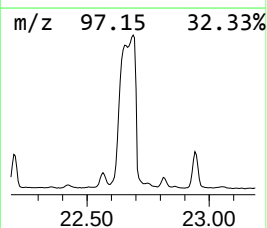
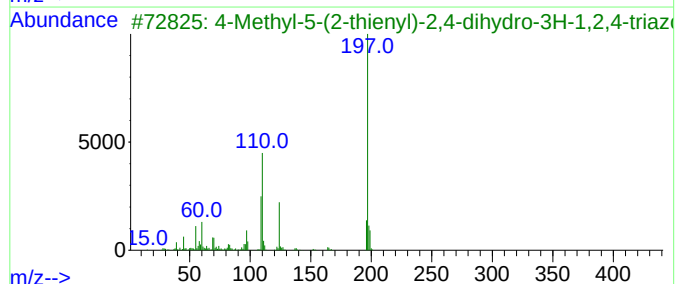
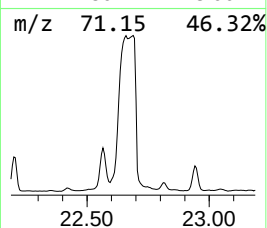
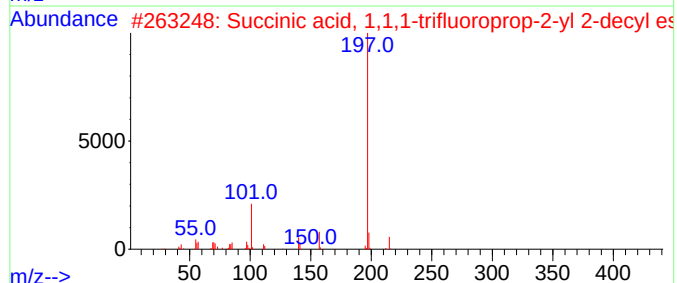
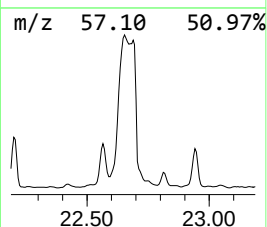
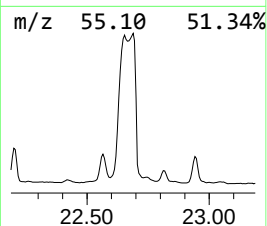
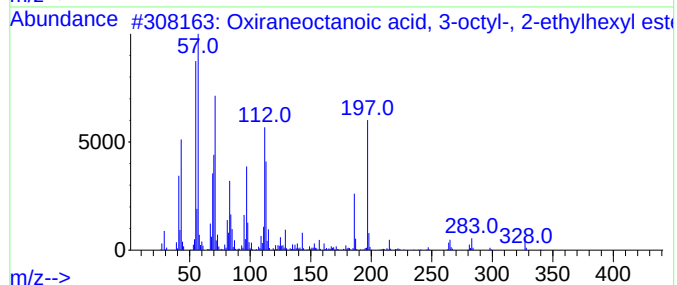
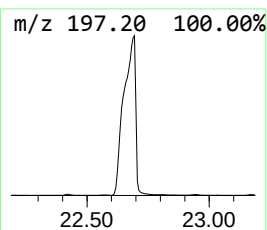
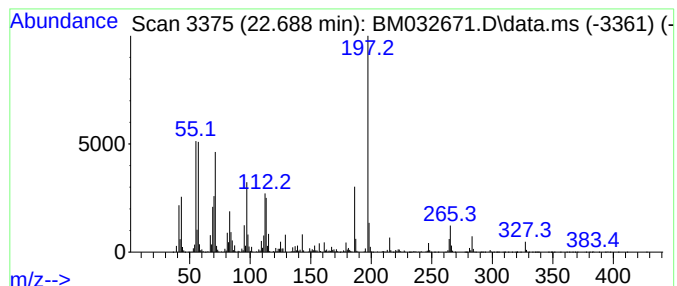
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.689	492.79 ng	53994200	Perylene-d12	23.271

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	55
2			Succinic acid, 1,1,1-trifluoropr...	354	C17H29F3O4	1000390-52-8	35
3			4-Methyl-5-(2-thienyl)-2,4-dihyd...	197	C7H7N3S2	068744-66-1	35
4			Succinic acid, 1,1,1-trifluoro-2...	284	C12H19F3O4	1000370-91-2	35
5			Glutaric acid, monoamide, N,N-di...	507	C33H49NO3	1000360-24-2	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032671.D
Acq On : 22 Oct 2021 12:31
Operator : CG/JU
Sample : M4245-02 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

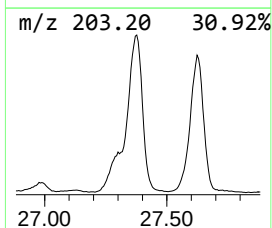
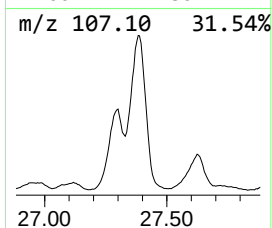
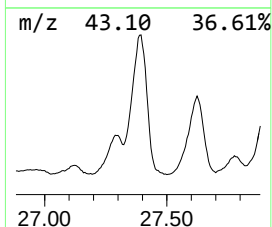
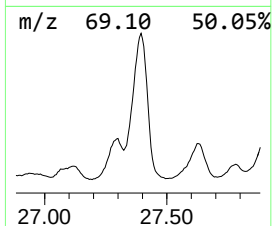
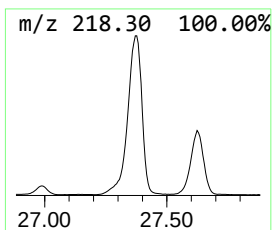
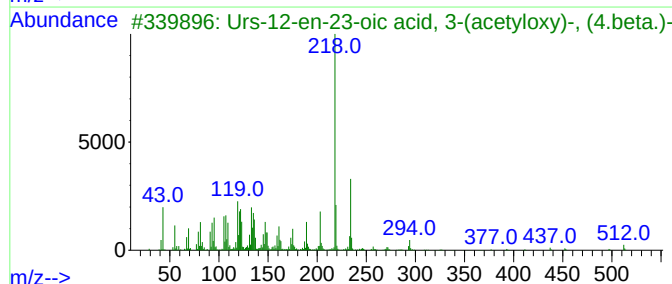
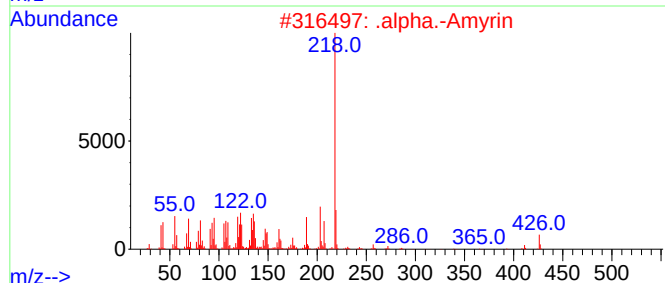
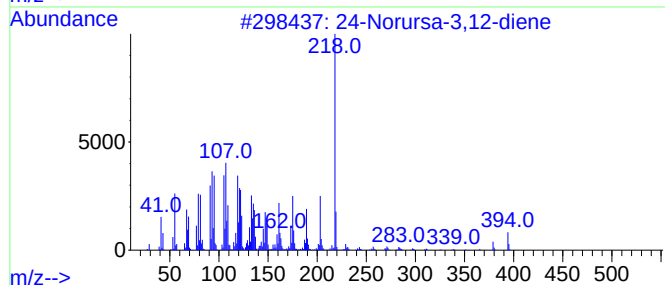
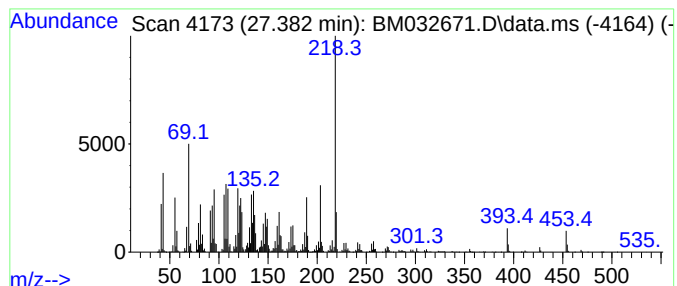
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 24-Norursa-3,12-diene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.382	260.59 ng	28552700	Perylene-d12	23.271

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			24-Norursa-3,12-diene	394	C29H46	201358-25-0	93
2			.alpha.-Amyrin	426	C30H500	000638-95-9	81
3			Urs-12-en-23-oic acid, 3-(acetyl...	512	C33H5204	1000505-76-4	74
4			Urs-12-en-24-oic acid, 3-oxo-, m...	468	C31H4803	020475-86-9	74
5			5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H220	006754-66-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032671.D
Acq On : 22 Oct 2021 12:31
Operator : CG/JU
Sample : M4245-02 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

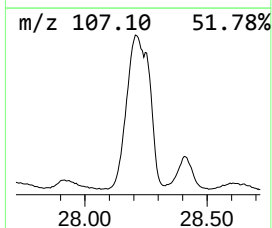
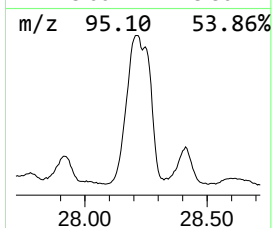
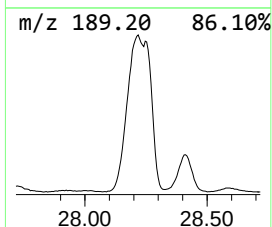
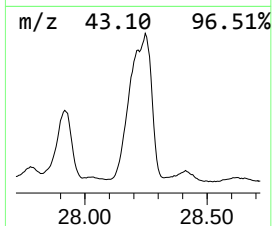
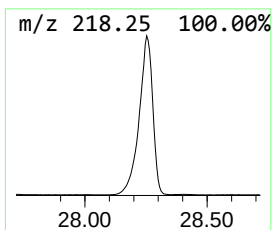
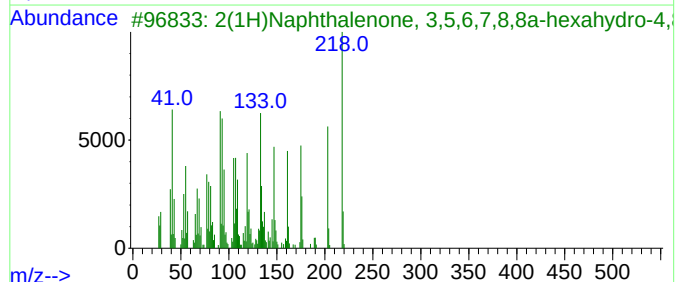
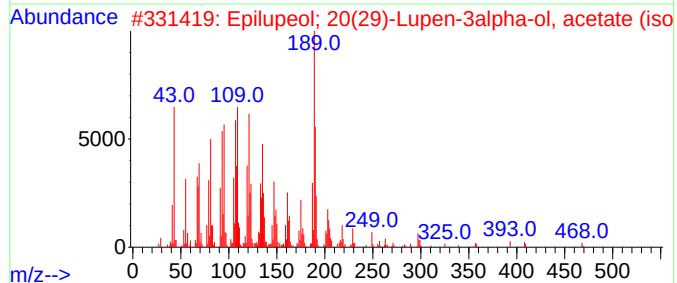
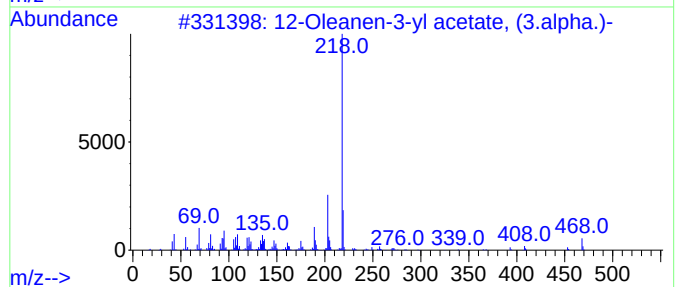
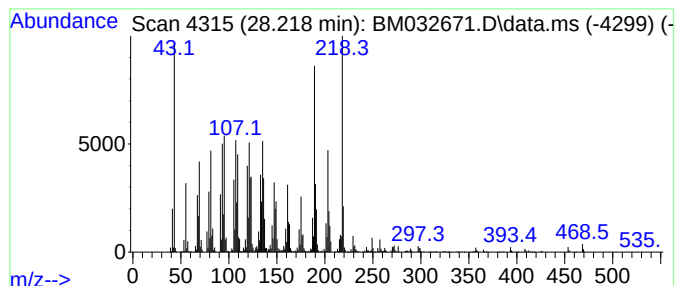
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 12-Oleanen-3-yl acetate, (3... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.218	159.50 ng	17476400	Perylene-d12	23.271

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			12-Oleanen-3-yl acetate, (3.alpha...	468	C32H52O2	033055-28-6	83
2			Epilupeol; 20(29)-Lupen-3alpha-o...	468	C32H52O2	1010513-01-8	70
3			2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	70
4			7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	70
5			Epilupeol; 20(29)-Lupen-3alpha-o...	468	C32H52O2	1000513-01-7	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
 Data File : BM032671.D
 Acq On : 22 Oct 2021 12:31
 Operator : CG/JU
 Sample : M4245-02 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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
1-Hexanol, 2-et...	7.701	805.0	ng	51968000	1	7.542	1291120	20.0
trans-Cinnamic ...	13.554	234.0	ng	32133500	3	14.201	2746360	20.0
Dodecanoic acid	14.783	357.4	ng	49070600	3	14.201	2746360	20.0
Dodecanoic acid...	15.271	104.4	ng	14336800	3	14.201	2746360	20.0
Tetradecanoic acid	16.395	124.4	ng	15829900	4	16.936	2544480	20.0
Isopropyl myris...	16.877	116.8	ng	14856400	4	16.936	2544480	20.0
Hexadecanoic ac...	17.624	204.2	ng	25975400	4	16.936	2544480	20.0
n-Hexadecanoic ...	17.977	884.6	ng	112539000	4	16.936	2544480	20.0
Isopropyl palmi...	18.342	709.4	ng	90248100	4	16.936	2544480	20.0
11-Octadecenoic...	18.824	542.7	ng	69040600	4	16.936	2544480	20.0
Methyl stearate	18.942	407.6	ng	51855800	4	16.936	2544480	20.0
Isopropyl stearate	19.606	516.5	ng	60840800	5	21.159	2355960	20.0
cis-13-Eicoseno...	20.395	180.8	ng	21293400	5	21.159	2355960	20.0
Eicosanoic acid...	20.506	216.4	ng	25495000	5	21.159	2355960	20.0
Carbonic acid, ...	21.706	190.8	ng	22481200	5	21.159	2355960	20.0
9-Octadecenoic ...	21.771	267.6	ng	31516200	5	21.159	2355960	20.0
Octadecanoic ac...	21.859	285.5	ng	33626400	5	21.159	2355960	20.0
Oxiraneoctanoic...	22.689	492.8	ng	53994200	6	23.271	2191370	20.0
24-Norursa-3,12...	27.382	260.6	ng	28552700	6	23.271	2191370	20.0
12-Oleanen-3-yl...	28.218	159.5	ng	17476400	6	23.271	2191370	20.0