

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
 Data File : BM035178.D
 Acq On : 20 May 2022 16:09
 Operator : CG/JU
 Sample : N2916-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 UST-1

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-BM042722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035178.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	323	329	335	rVB2	33136	51529	1.07%	0.164%
2	5.481	400	407	422	rBV	1646287	2390732	49.84%	7.596%
3	7.075	670	678	688	rBV	1501385	2432278	50.70%	7.728%
4	7.904	812	819	828	rBV	383649	602887	12.57%	1.915%
5	9.063	1008	1016	1029	rBV	950386	1580359	32.94%	5.021%
6	10.704	1287	1295	1306	rBV	473665	814846	16.99%	2.589%
7	13.168	1707	1714	1725	rBV	2195931	3234566	67.43%	10.277%
8	13.821	1820	1825	1830	rBV2	64911	97032	2.02%	0.308%
9	14.539	1939	1947	1955	rBV	719679	1094563	22.82%	3.478%
10	15.362	2079	2087	2092	rBV	191798	322900	6.73%	1.026%
11	15.915	2174	2181	2191	rVB2	80534	148117	3.09%	0.471%
12	16.027	2194	2200	2212	rBV	2014907	2861942	59.66%	9.093%
13	16.286	2242	2244	2249	rVB2	44681	55126	1.15%	0.175%
14	17.109	2378	2384	2393	rVB4	32176	74500	1.55%	0.237%
15	17.286	2408	2414	2419	rBV	890663	1272687	26.53%	4.044%
16	18.192	2562	2568	2576	rBV	877818	1341430	27.96%	4.262%
17	18.256	2576	2579	2587	rVB	123065	204049	4.25%	0.648%
18	19.345	2756	2764	2773	rBV	133205	279001	5.82%	0.886%
19	19.468	2780	2785	2806	rBV	2154062	3181008	66.31%	10.107%
20	19.703	2822	2825	2836	rVB	63348	113089	2.36%	0.359%
21	19.909	2855	2860	2870	rBV	4093708	4797120	100.00%	15.241%
22	20.556	2966	2970	2975	rBV	259577	347277	7.24%	1.103%
23	21.186	3073	3077	3084	rBV	486238	663137	13.82%	2.107%
24	21.391	3109	3112	3116	rBV	103969	111848	2.33%	0.355%
25	21.468	3120	3125	3130	rBV	1316375	1694875	35.33%	5.385%
26	23.856	3525	3531	3544	rVB2	856164	1707444	35.59%	5.425%

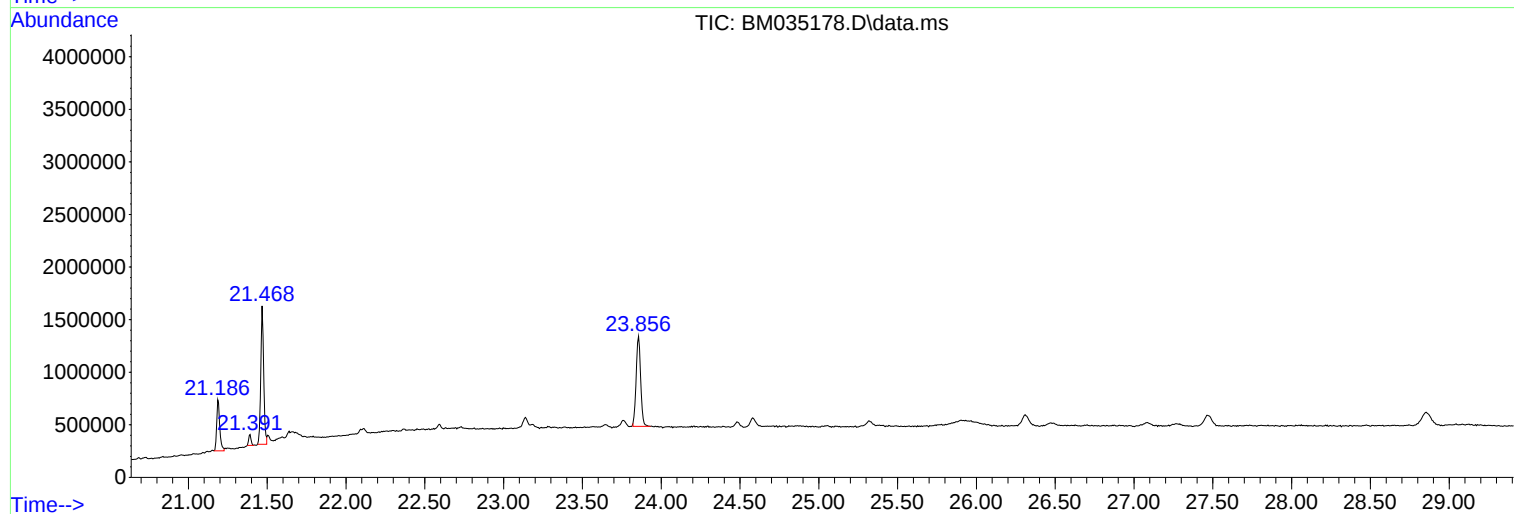
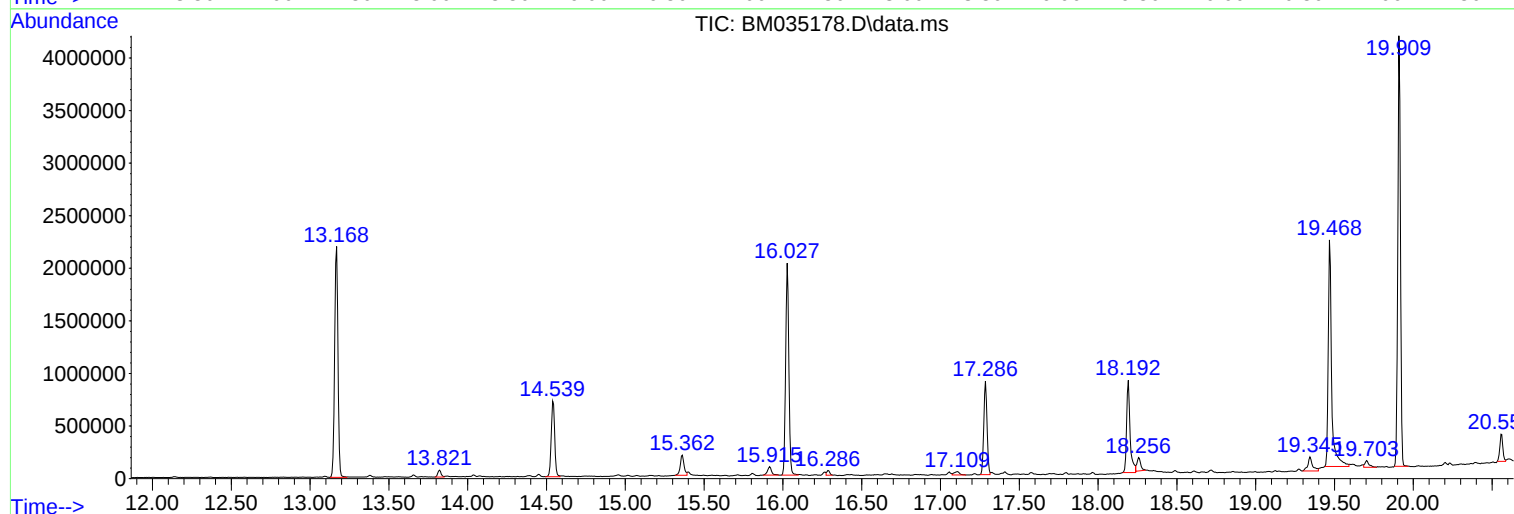
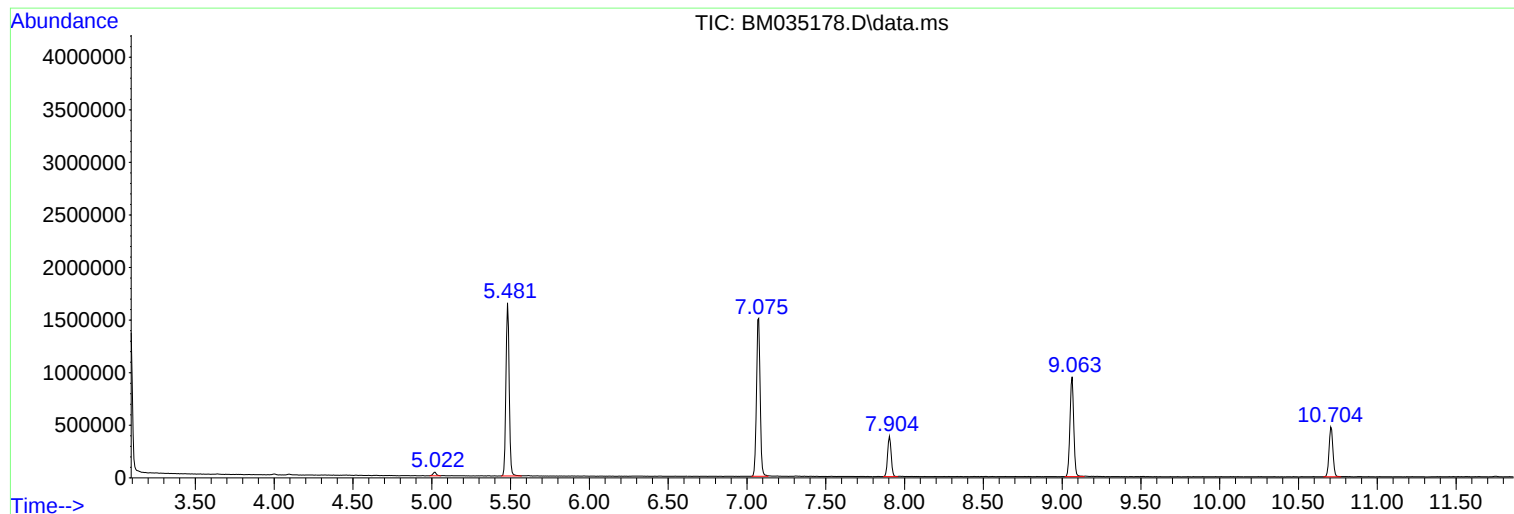
Sum of corrected areas: 31474342

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Instrument :
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ClientSampleId :
UST-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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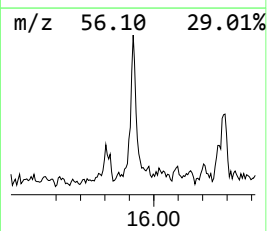
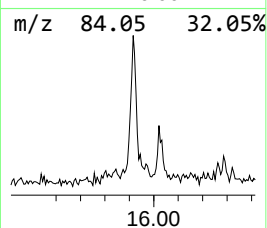
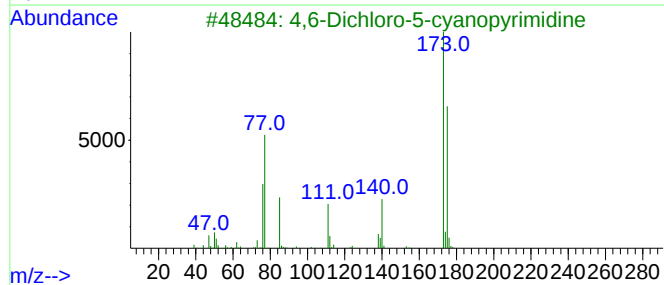
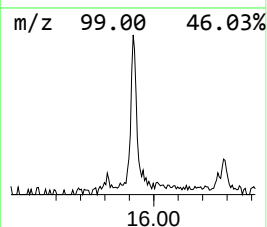
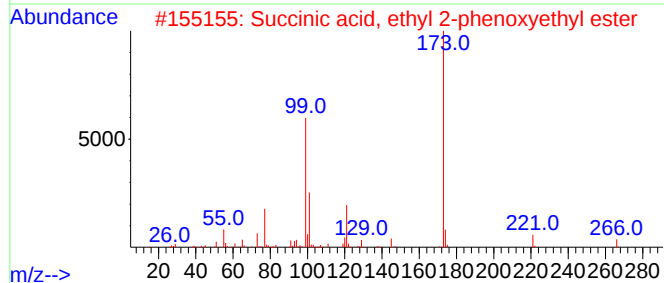
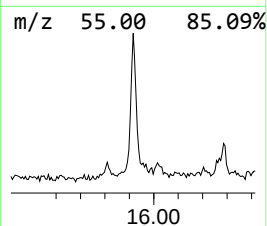
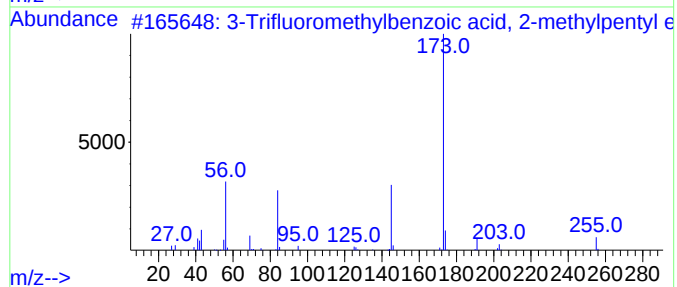
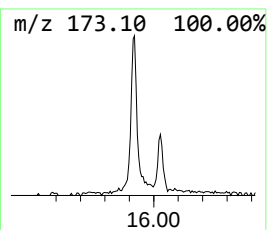
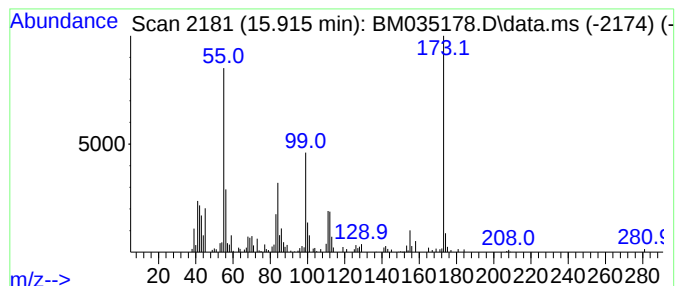
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown15.915 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.915	2.33 ng	148117	Phenanthrene-d10	17.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Trifluoromethylbenzoic acid, 2...	274	C14H17F3O2	1000355-14-0	38
2			Succinic acid, ethyl 2-phenoxyet...	266	C14H18O5	1000381-19-1	32
3			4,6-Dichloro-5-cyanopyrimidine	173	C5HCl2N3	005305-45-3	27
4			Phenylamine, 2-(5-methyl-2H-pyra...	173	C10H11N3	1000309-95-3	22
5			Succinimide, N-methoxy-	129	C5H7NO3	005904-50-7	18



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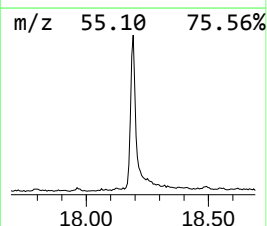
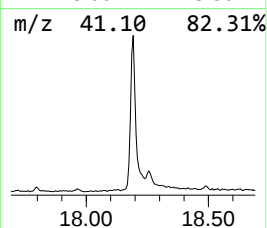
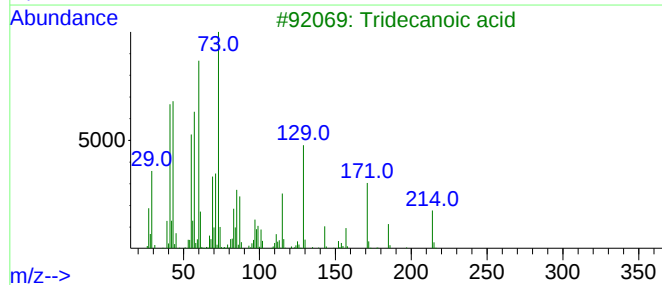
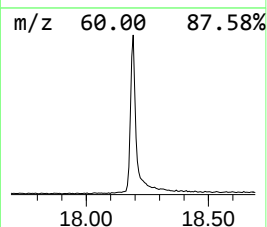
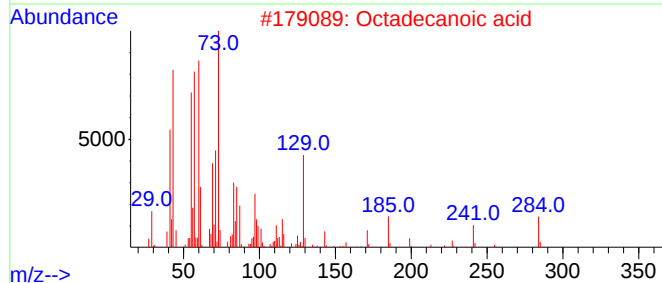
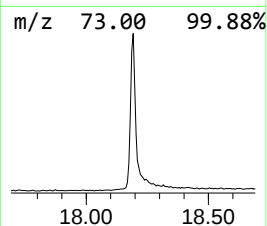
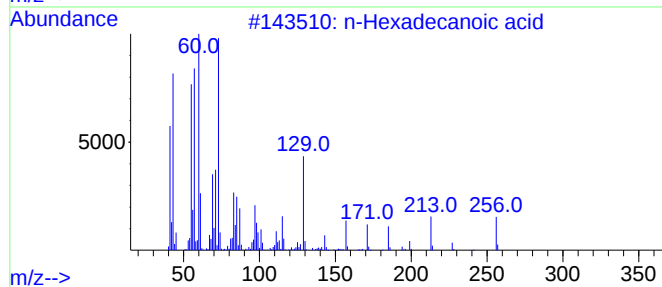
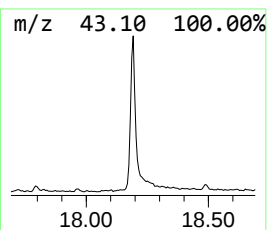
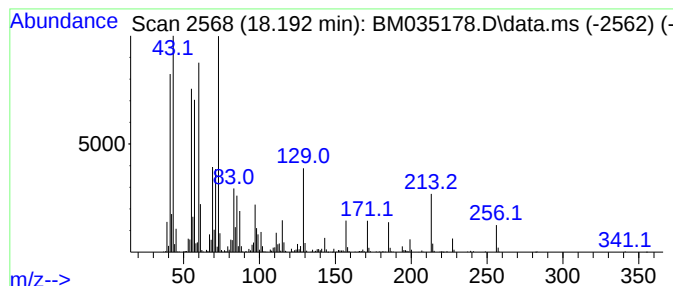
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	21.08 ng	1341430	Phenanthrene-d10	17.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	92
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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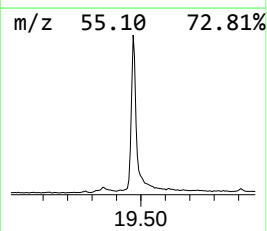
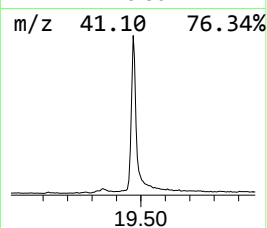
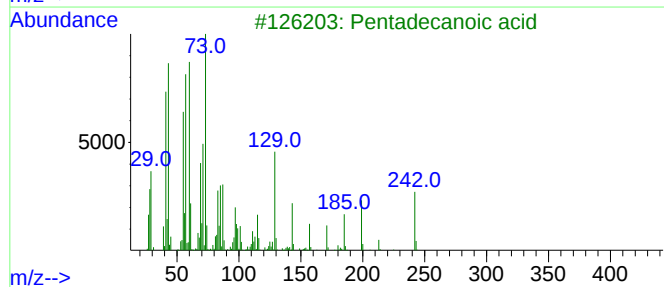
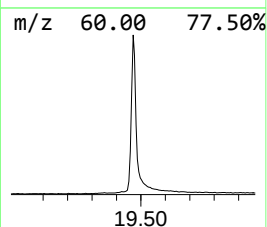
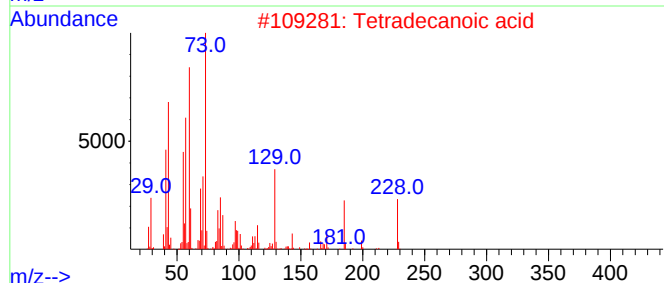
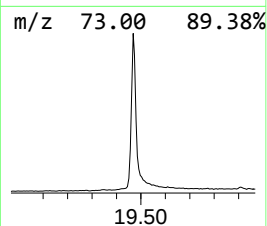
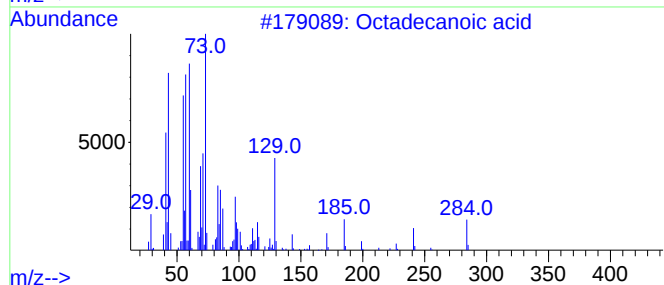
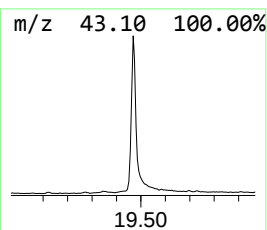
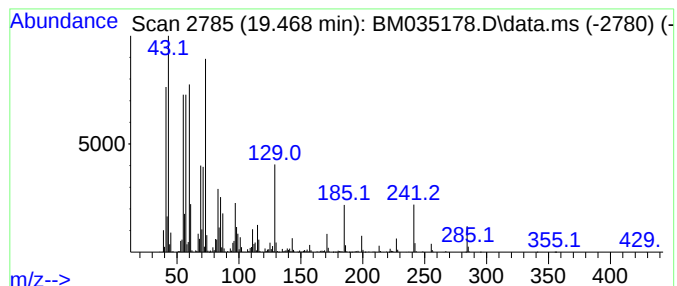
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	37.54 ng	3181010	Chrysene-d12	21.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



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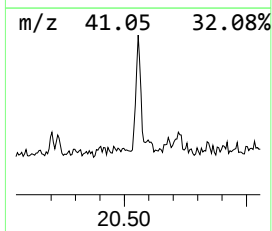
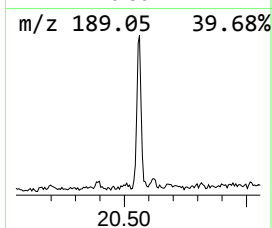
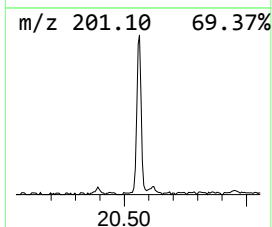
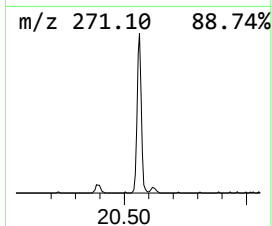
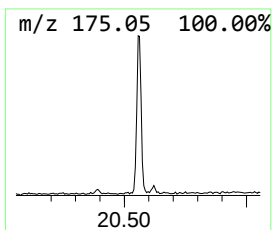
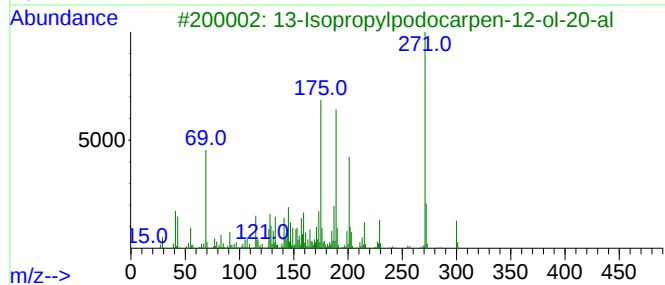
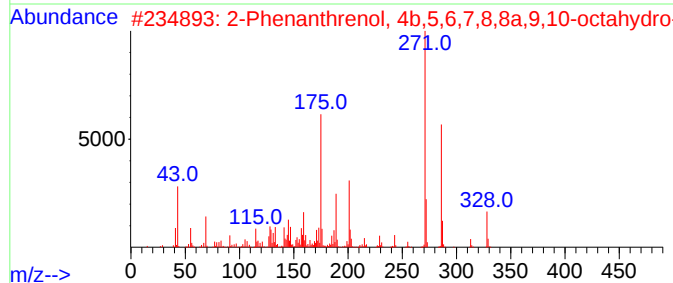
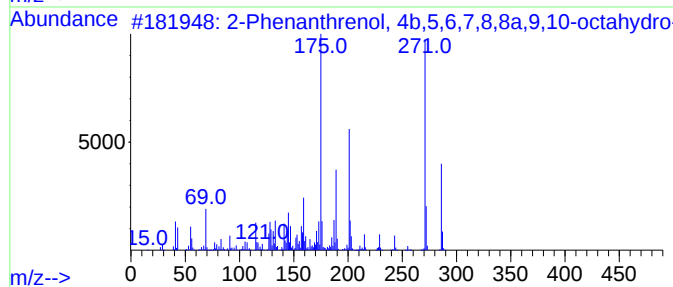
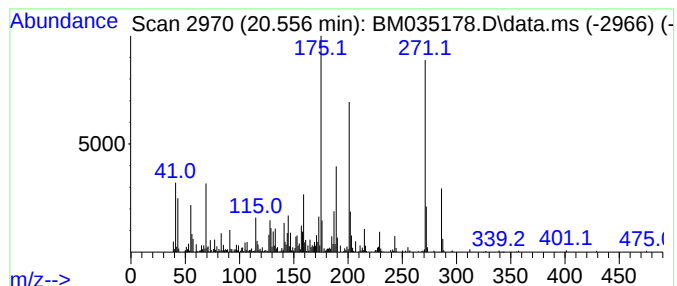
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Peak Number 5 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.556	4.10 ng	347277	Chrysene-d12	21.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2			2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	91
3			13-Isopropylpodocarpin-12-ol-20-al	300	C20H28O2	024035-37-8	52
4			Pisiferol	302	C20H30O2	024035-36-7	38
5			acetonitrile, 2-(2,6-diphenyl-4H...	271	C19H13NO	1010397-00-1	35



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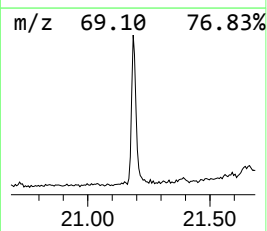
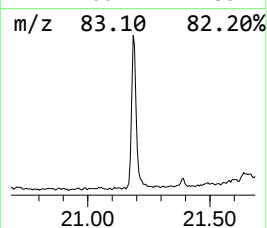
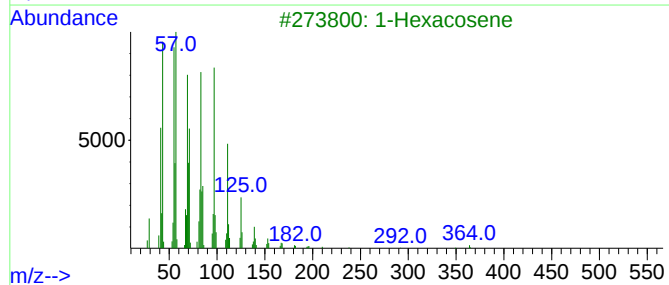
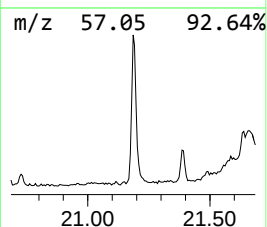
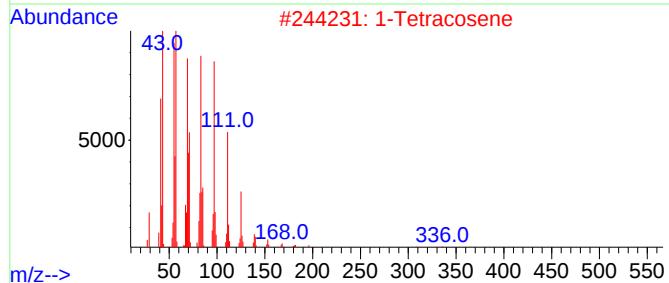
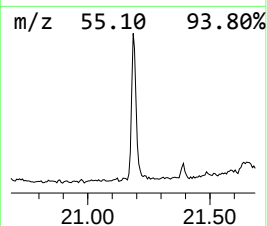
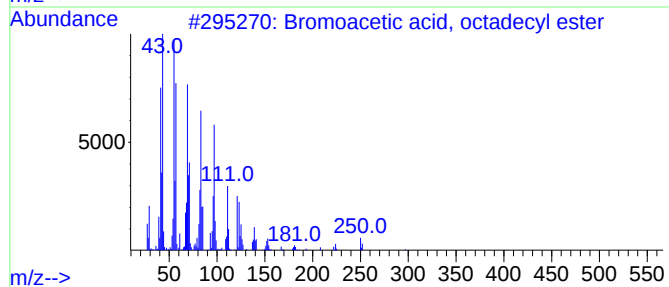
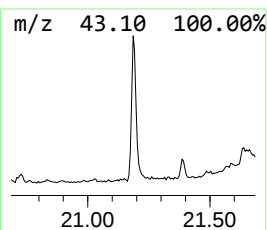
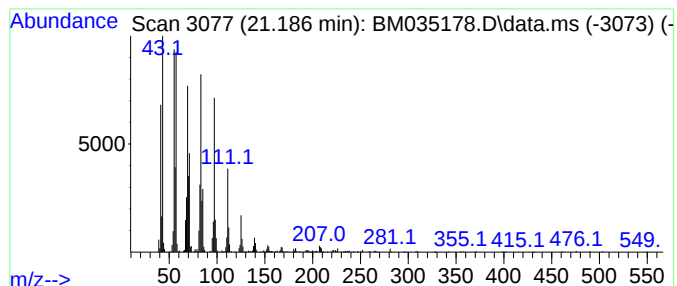
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Peak Number 6 Bromoacetic acid, octadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.186	7.83 ng	663137	Chrysene-d12	21.468	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
2	1-Tetracosene	336	C24H48	010192-32-2	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown15.915	15.915	2.3	ng	148117	4	17.286	1272690	20.0
n-Hexadecanoic ...	18.192	21.1	ng	1341430	4	17.286	1272690	20.0
Octadecanoic acid	19.468	37.5	ng	3181010	5	21.468	1694880	20.0
2-Phenanthrenol...	20.556	4.1	ng	347277	5	21.468	1694880	20.0
Bromoacetic aci...	21.186	7.8	ng	663137	5	21.468	1694880	20.0