

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050136.D
 Acq On : 07 May 2025 15:44
 Operator : RC/JU
 Sample : Q1956-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-05022025

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-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050136.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.863	314	319	330	rVB	139956	223827	1.23%	0.335%
2	5.340	394	400	415	rBV	1886001	3052470	16.83%	4.573%
3	6.940	666	672	700	rVB	887821	1851864	10.21%	2.775%
4	7.745	801	809	818	rBV	861181	1462090	8.06%	2.191%
5	8.904	997	1006	1031	rBV	2437292	4465909	24.62%	6.691%
6	10.539	1276	1284	1308	rBV	998564	1952631	10.76%	2.926%
7	13.010	1697	1704	1723	rBV	7323589	11098393	61.18%	16.628%
8	14.392	1932	1939	1957	rBV	1691746	2713989	14.96%	4.066%
9	15.757	2165	2171	2178	rBV	180375	289846	1.60%	0.434%
10	15.892	2187	2194	2220	rBV	5988473	9397565	51.81%	14.080%
11	17.145	2400	2407	2419	rBV2	2027075	3149833	17.36%	4.719%
12	17.757	2506	2511	2516	rBV	147749	200021	1.10%	0.300%
13	18.039	2554	2559	2568	rBV2	230384	443070	2.44%	0.664%
14	19.321	2773	2777	2785	rBV2	93285	184927	1.02%	0.277%
15	19.456	2796	2800	2809	rVB	1073932	1250465	6.89%	1.874%
16	19.768	2848	2853	2863	rBV	15516451	18139685	100.00%	27.178%
17	21.392	3123	3129	3142	rBV	2100023	3309982	18.25%	4.959%
18	22.027	3234	3237	3244	rVB3	172902	244119	1.35%	0.366%
19	24.386	3631	3638	3651	rVB	1320263	3313432	18.27%	4.964%

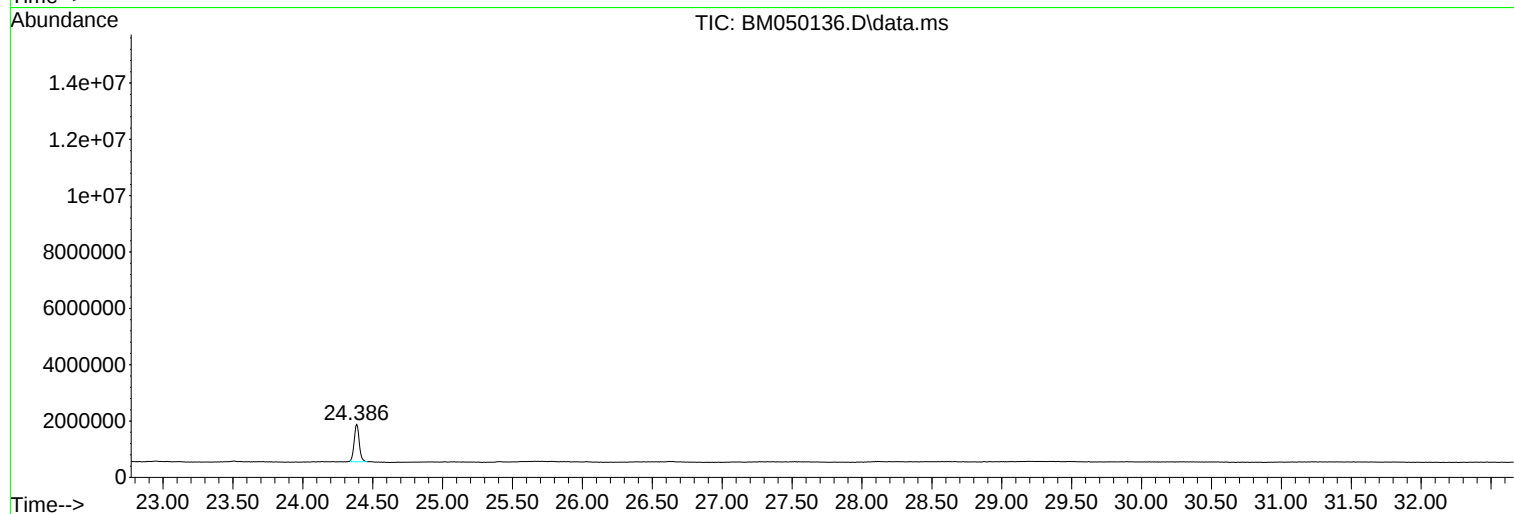
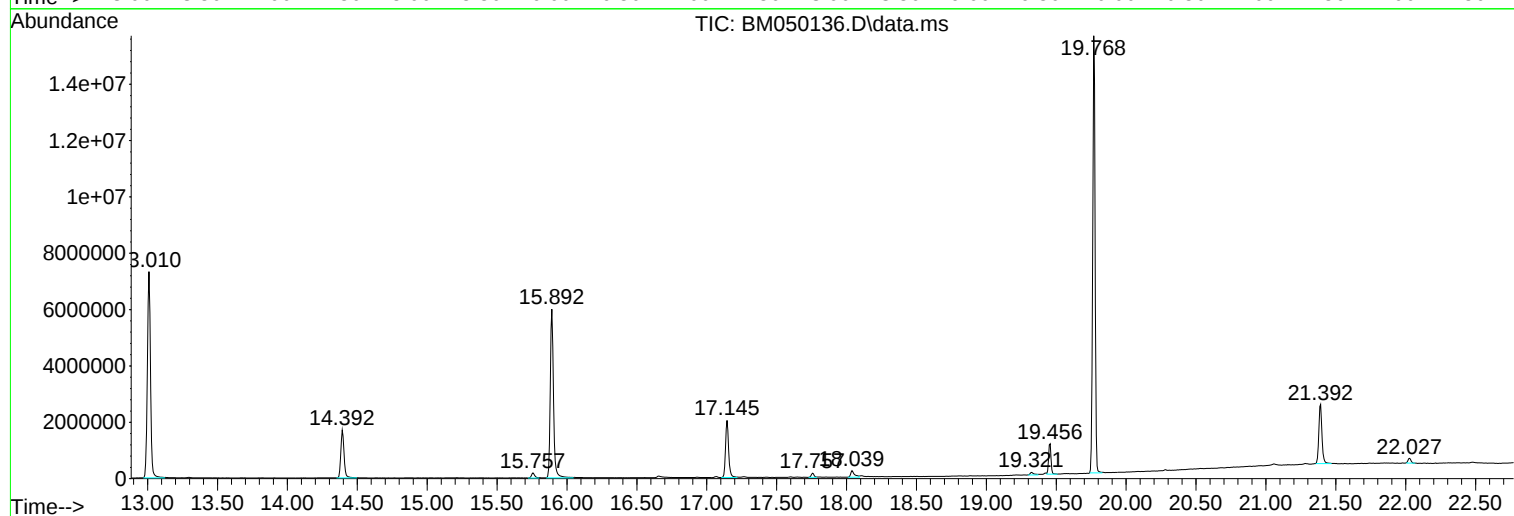
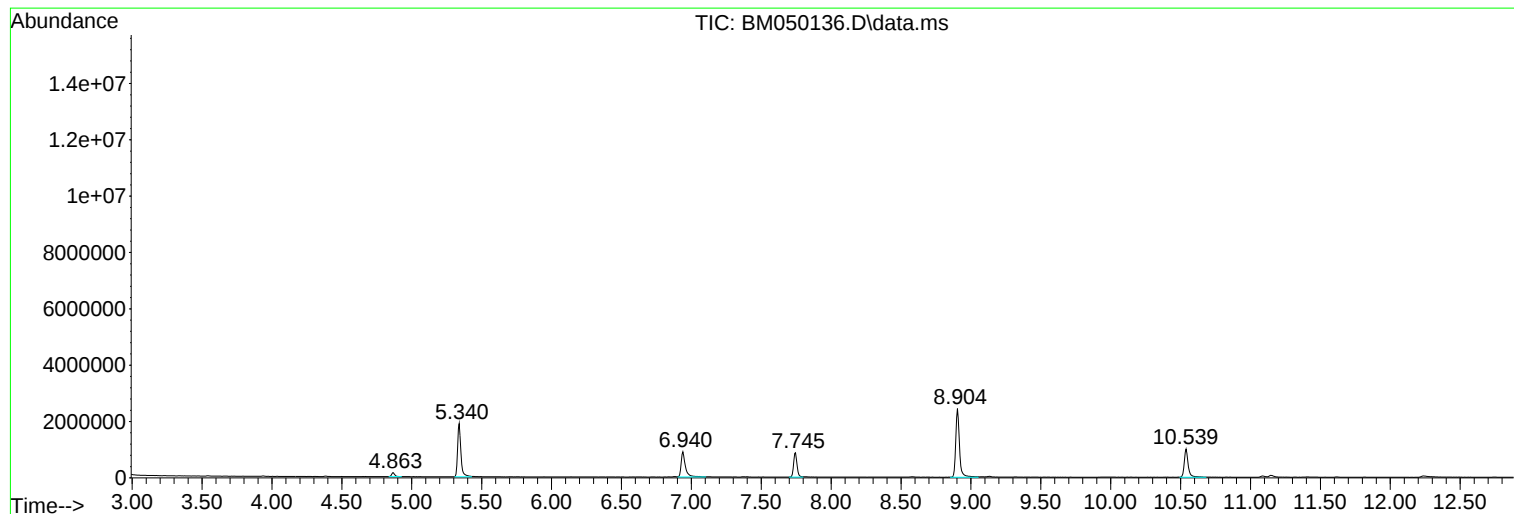
Sum of corrected areas: 66744118

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



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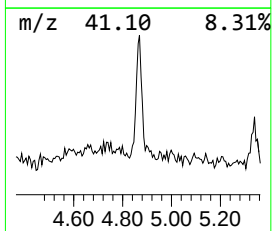
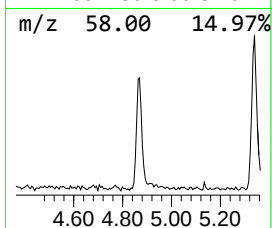
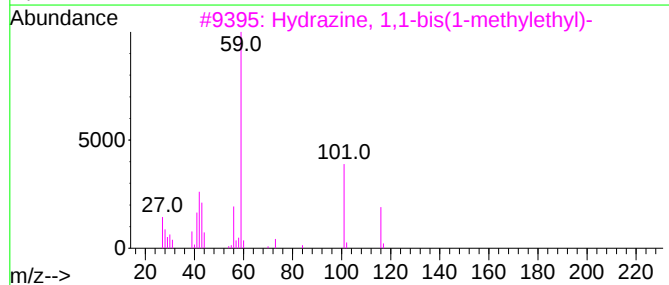
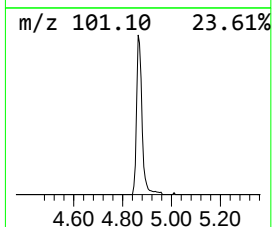
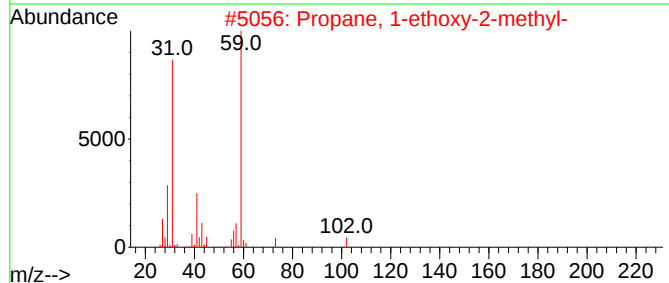
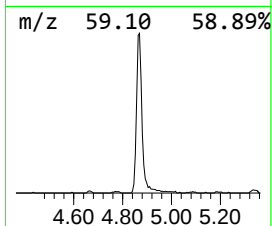
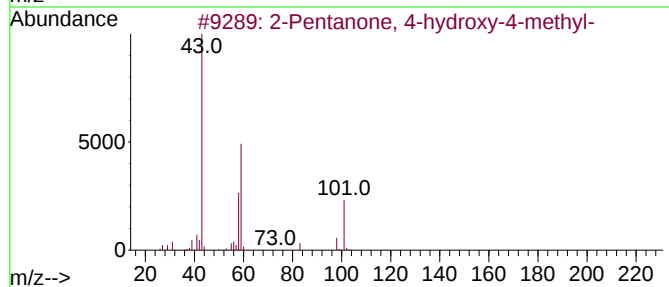
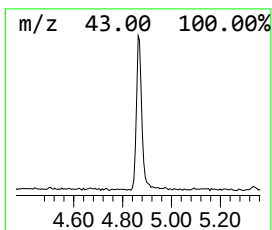
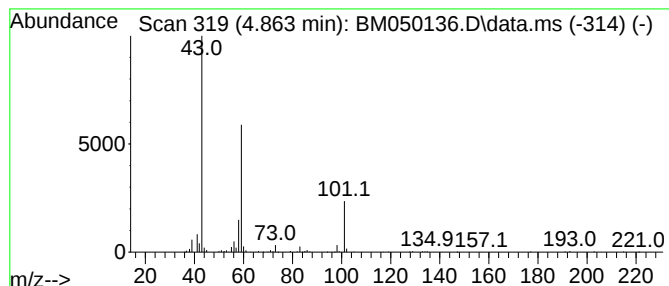
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.863	3.06 ng	223827	1,4-Dichlorobenzene-d4	7.745

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38	
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38	
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35	
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	32	



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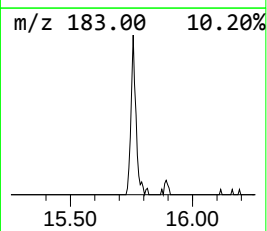
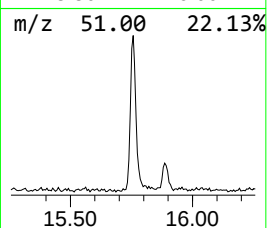
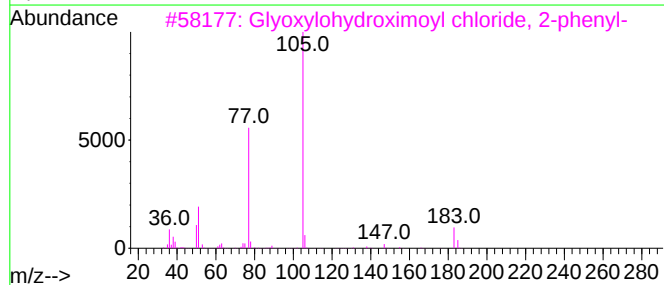
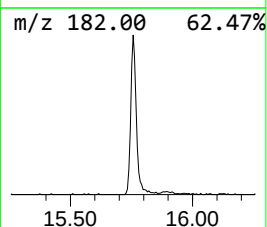
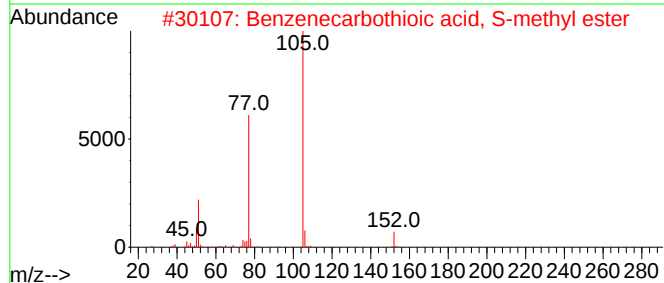
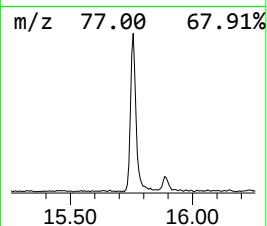
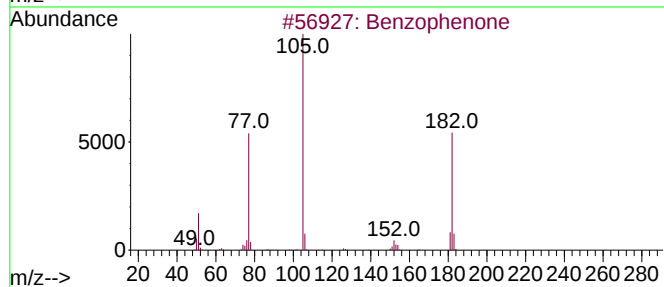
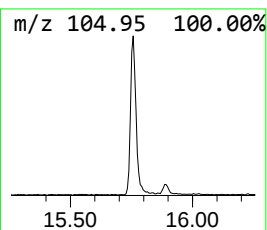
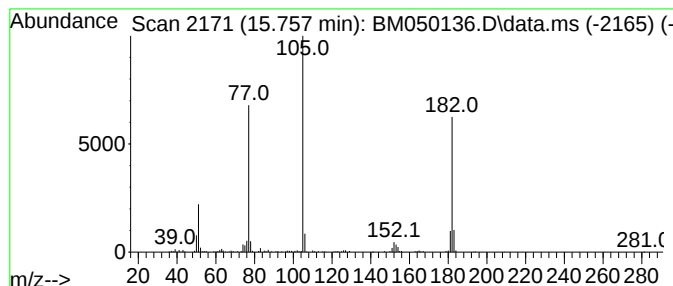
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	2.14 ng	289846	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3			Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	47
4			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43
5			.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	43



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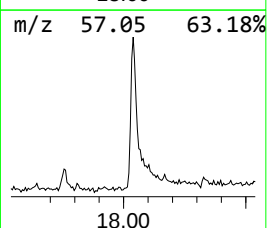
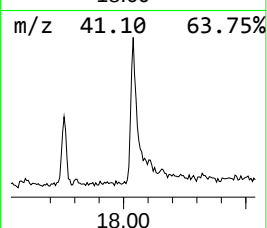
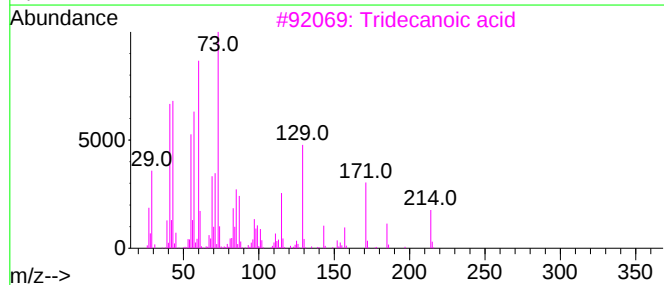
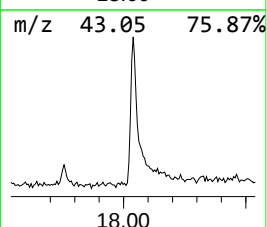
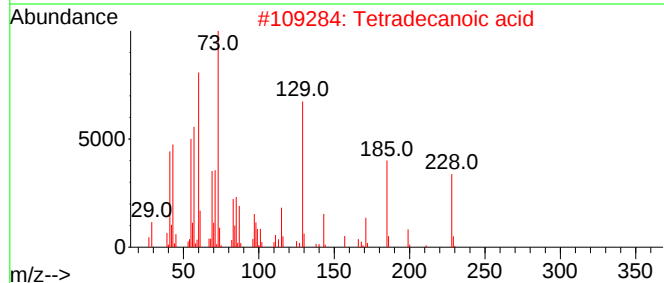
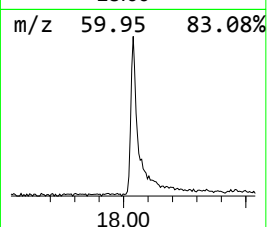
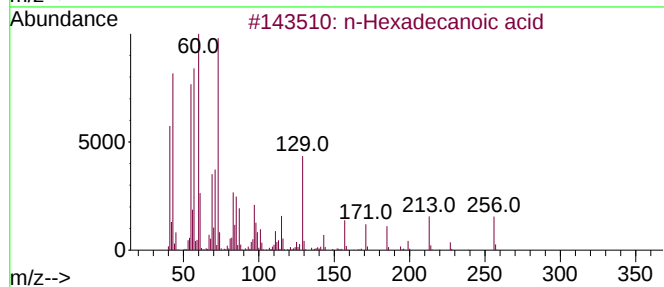
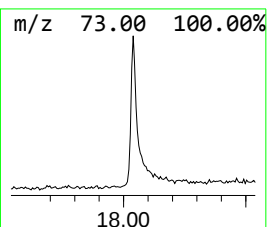
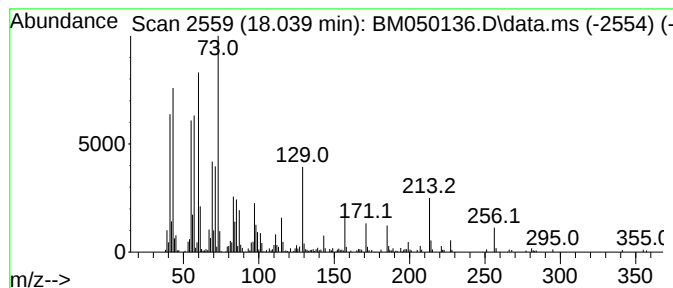
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	2.81 ng	443070	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3			Tridecanoic acid	214	C13H26O2	000638-53-9	94
4			Octadecanoic acid	284	C18H36O2	000057-11-4	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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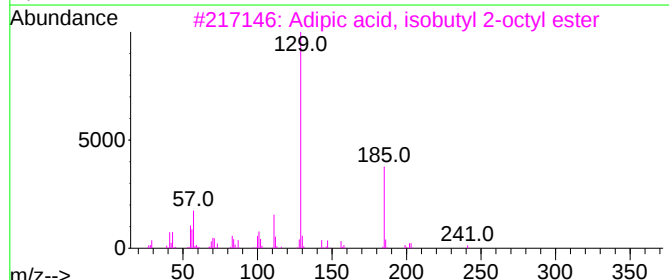
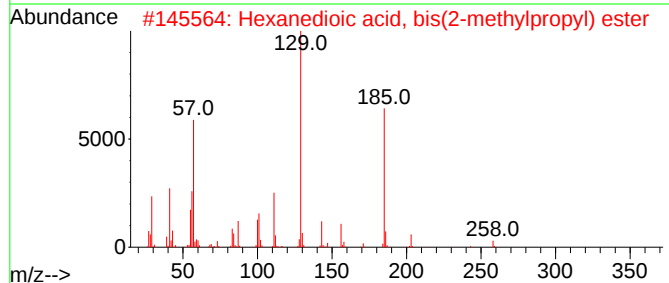
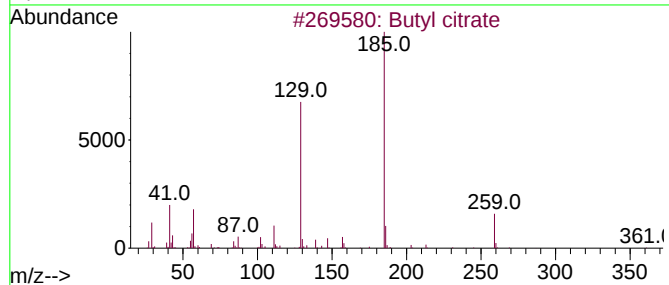
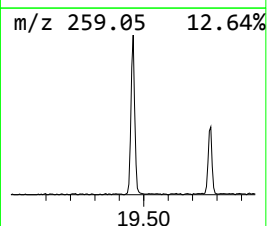
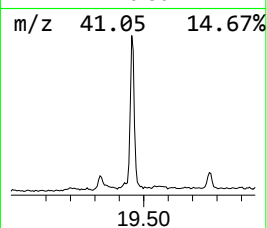
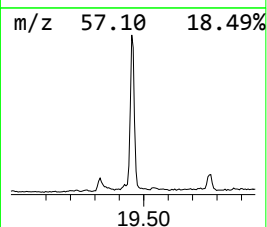
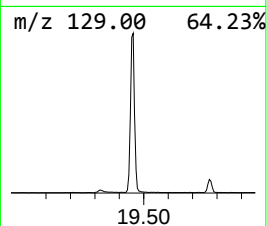
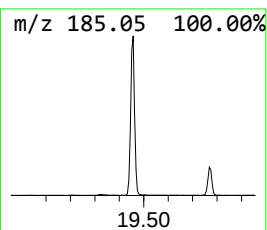
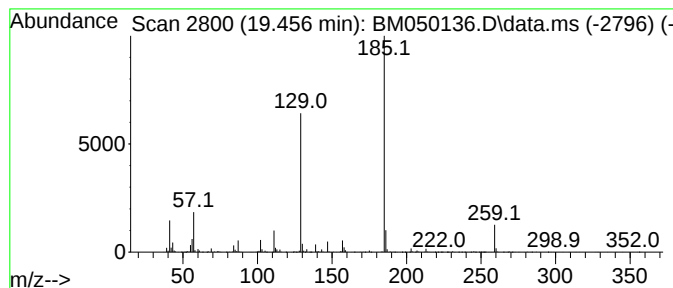
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Peak Number 4 Butyl citrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.456	7.56 ng	1250470	Chrysene-d12	21.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butyl citrate	360	C18H32O7	000077-94-1	94
2			Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	56
3			Adipic acid, isobutyl 2-octyl ester	314	C18H34O4	1000324-44-5	56
4			Adipic acid, 3,3-dimethylbut-2-y...	286	C16H30O4	1000353-66-7	56
5			Adipic acid, isobutyl 2-methylpe...	286	C16H30O4	1000353-55-7	56



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.863	3.1	ng	223827	1	7.745	1462090	20.0
Benzophenone	15.757	2.1	ng	289846	3	14.392	2713990	20.0
n-Hexadecanoic ...	18.039	2.8	ng	443070	4	17.145	3149830	20.0
Butyl citrate	19.456	7.6	ng	1250470	5	21.392	3309980	20.0