

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089285.D
 Acq On : 25 Jul 2016 18:18
 Operator : UM/SJ
 Sample : H4152-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14.0-15.0

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:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.701	9	10	53	rVB	1666019	3540305	100.00%	20.721%
2	4.696	270	272	280	rBV	45835	90259	2.55%	0.528%
3	5.141	308	311	329	rBV	1100593	1562063	44.12%	9.143%
4	6.227	403	406	408	rBV	1322646	1647859	46.55%	9.645%
5	6.330	413	415	428	rVB	1455546	1661491	46.93%	9.725%
6	6.559	433	435	446	rVB	270588	323810	9.15%	1.895%
7	6.719	446	449	451	rBV	1338540	1318830	37.25%	7.719%
8	7.130	483	485	502	rBV	627746	1038918	29.35%	6.081%
9	7.850	545	548	550	rBV	356433	397074	11.22%	2.324%
10	8.925	639	642	645	rBV	1473817	1618776	45.72%	9.475%
11	9.325	675	677	680	rBV	409203	350998	9.91%	2.054%
12	9.588	698	700	703	rBV	417086	415830	11.75%	2.434%
13	10.376	767	769	779	rBV	838979	854315	24.13%	5.000%
14	11.062	827	829	833	rBV	367766	371481	10.49%	2.174%
15	12.491	952	954	956	rBV	111413	111206	3.14%	0.651%
16	12.651	965	968	970	rBV	894572	1123657	31.74%	6.577%
17	13.188	1013	1015	1017	rBV	85463	73462	2.08%	0.430%
18	13.554	1043	1047	1056	rBV	38687	63389	1.79%	0.371%
19	13.679	1056	1058	1064	rBV	296344	310639	8.77%	1.818%
20	15.017	1173	1175	1178	rBV	166585	211192	5.97%	1.236%

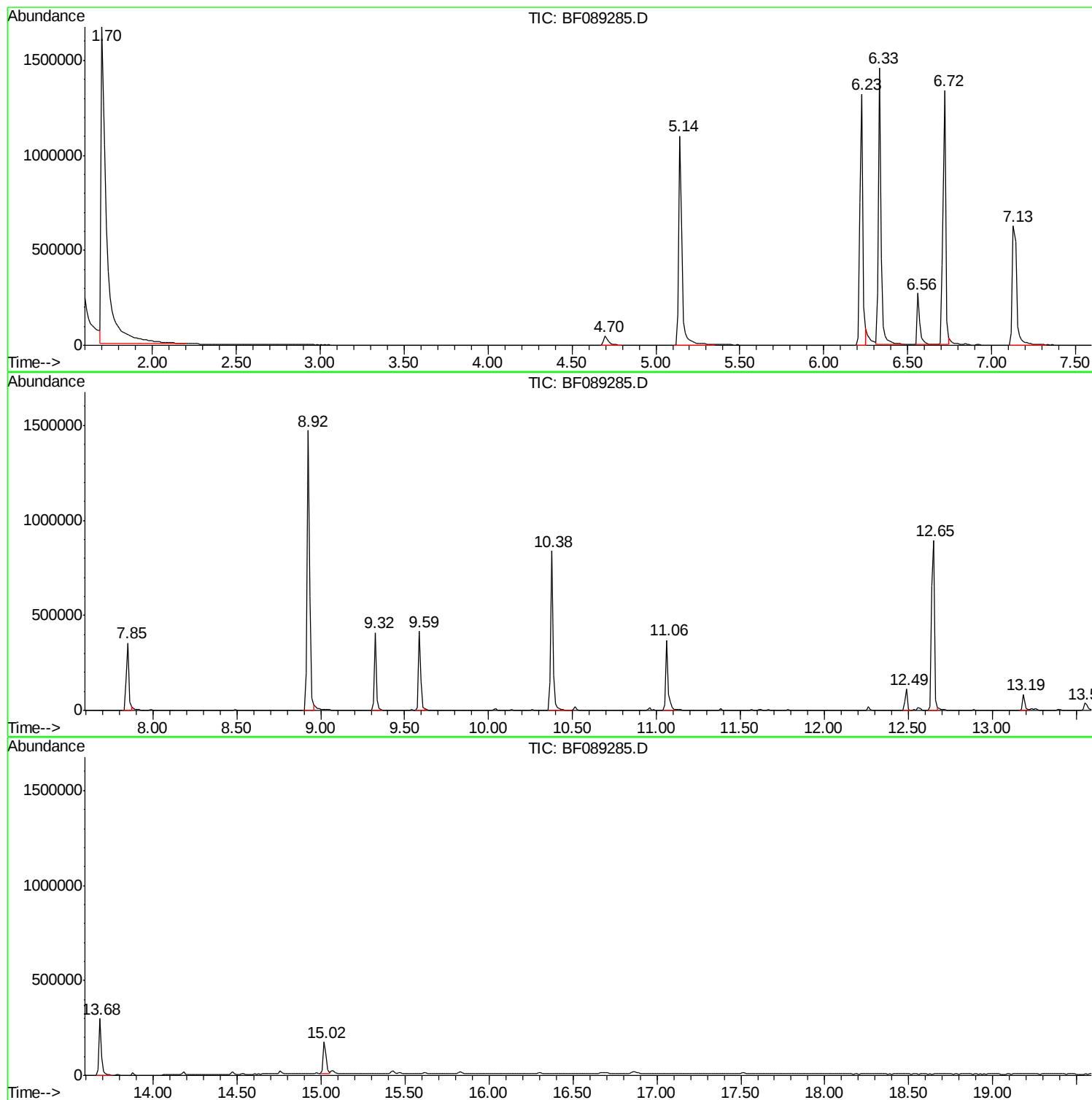
Sum of corrected areas: 17085554

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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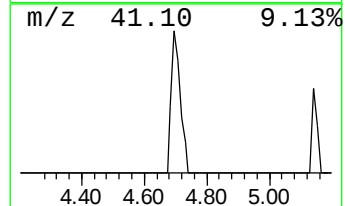
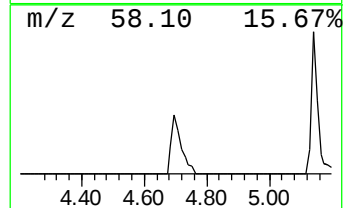
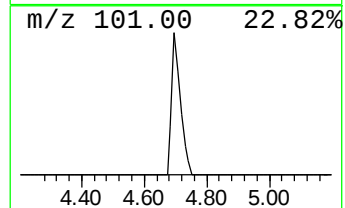
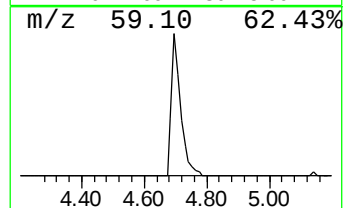
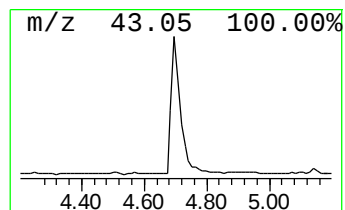
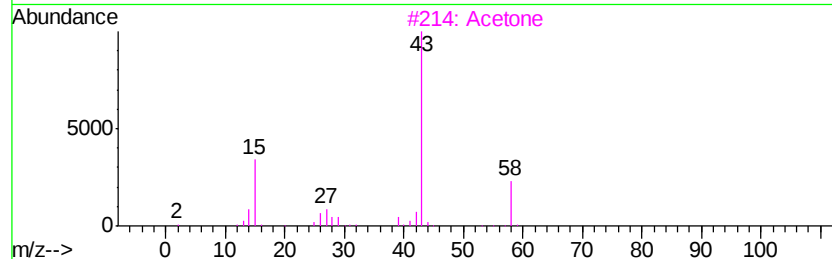
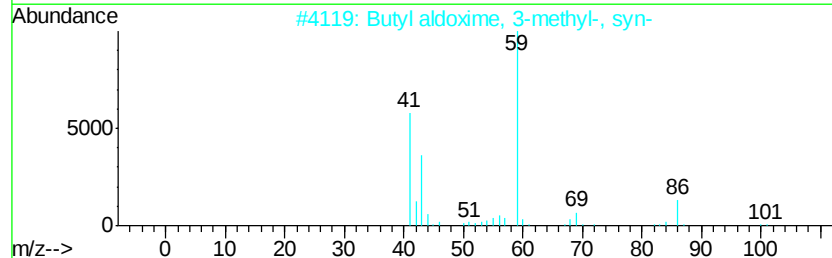
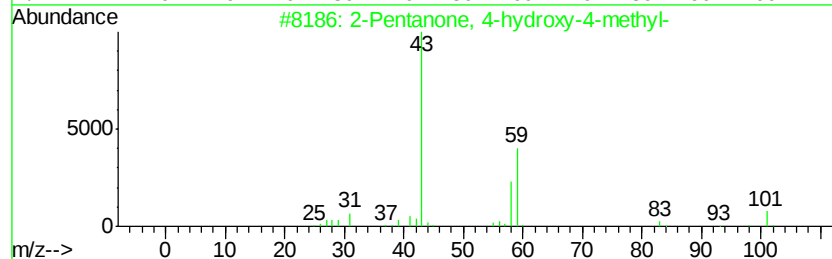
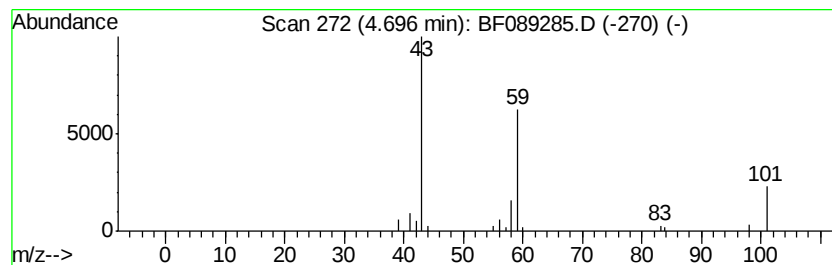
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	5.57 ng	90259	1,4-Dichlorobenzene-d4	6.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3		Acetone	58	C3H6O	000067-64-1	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9



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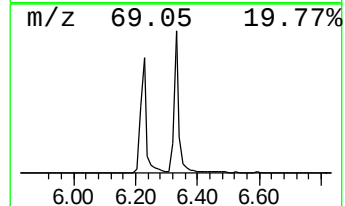
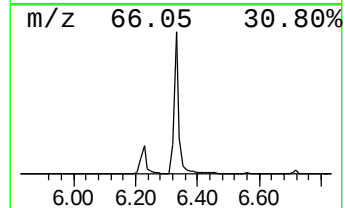
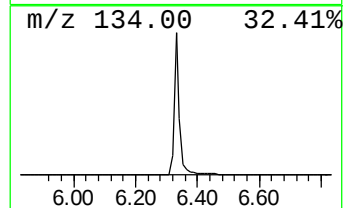
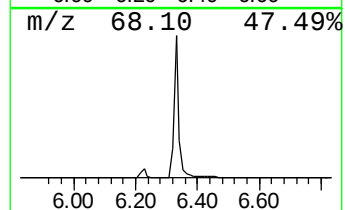
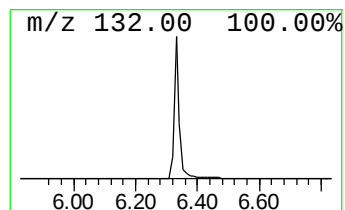
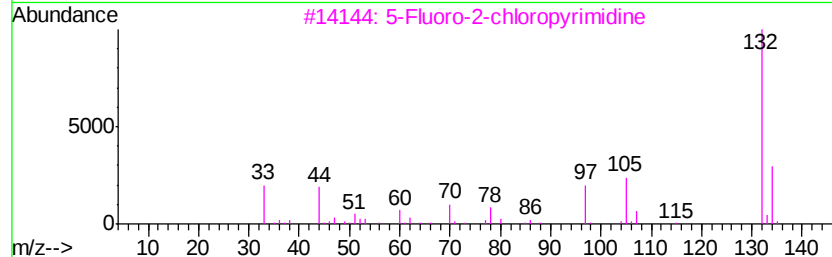
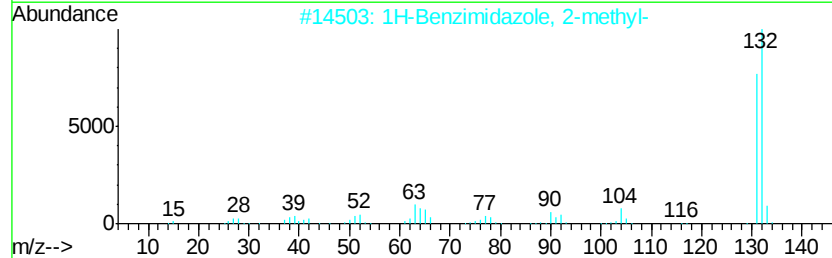
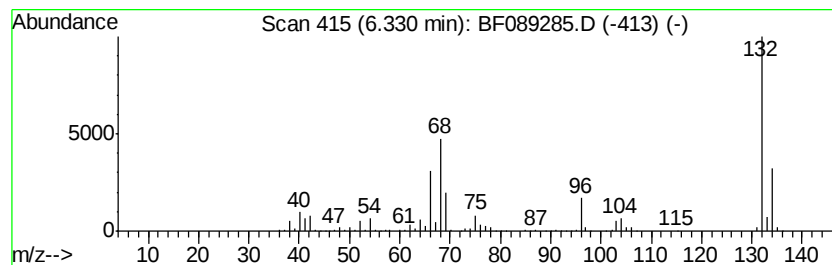
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Peak Number 3 unknown6.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	102.62 ng	1661490	1,4-Dichlorobenzene-d4	6.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10



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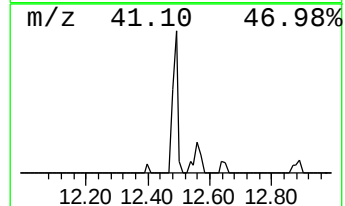
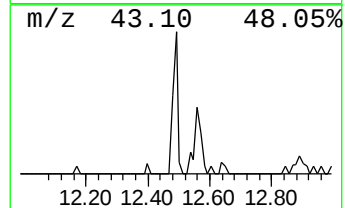
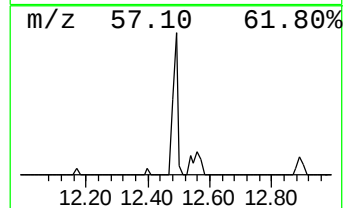
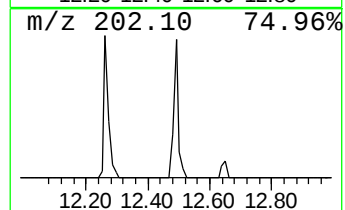
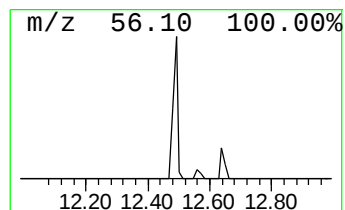
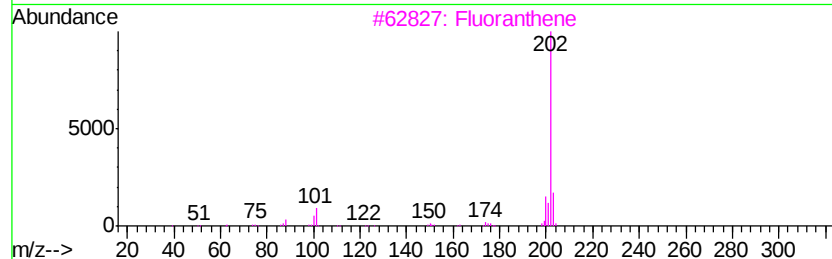
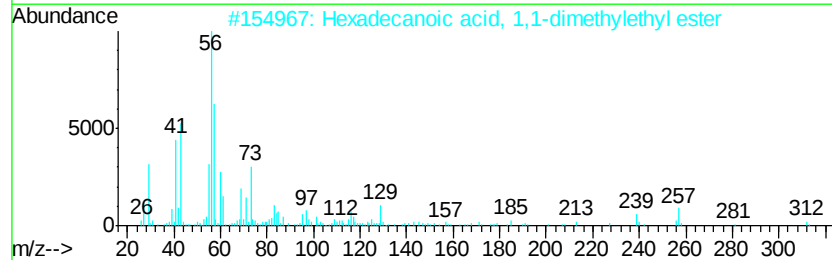
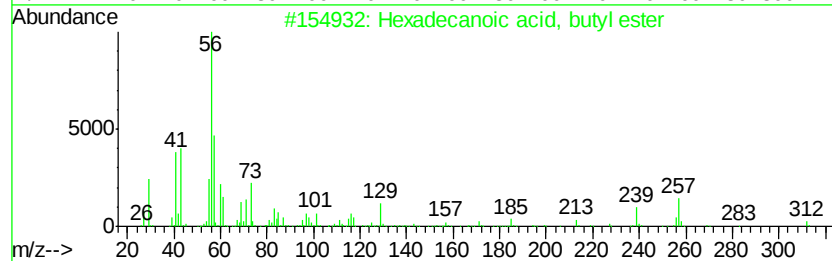
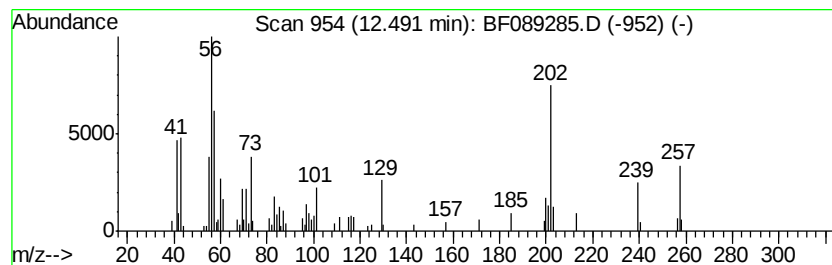
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Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	7.16 ng	111206	Chrysene-d12	13.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	50
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	38
3		Fluoranthene	202	C16H10	000206-44-0	35
4		n-Butyl laurate	256	C16H32O2	000106-18-3	27
5		Nipecotic acid	129	C6H11NO2	000498-95-3	27



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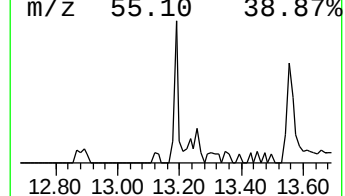
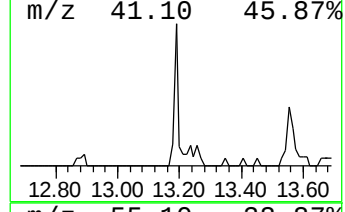
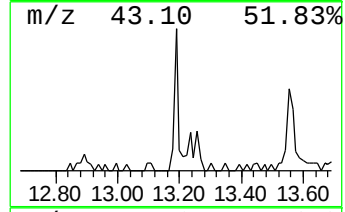
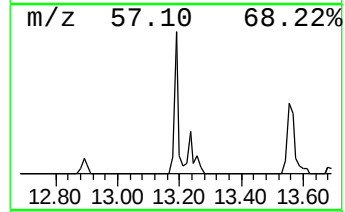
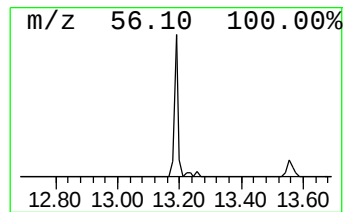
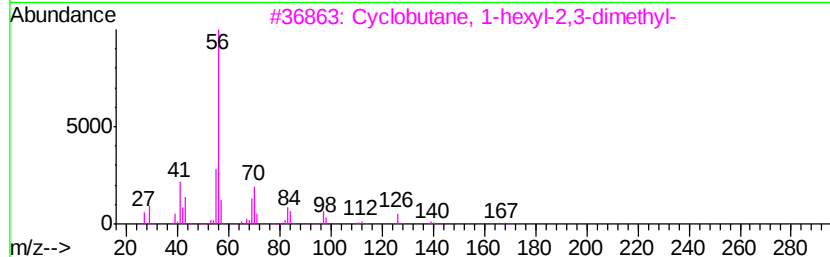
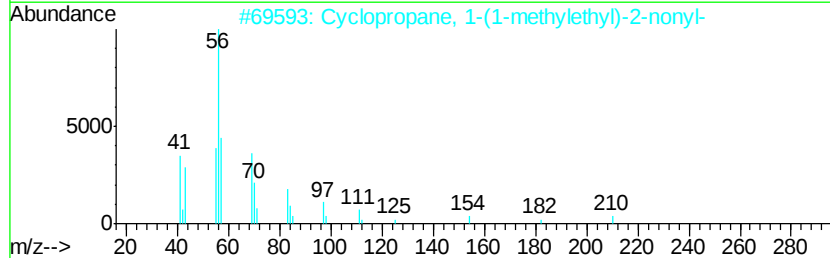
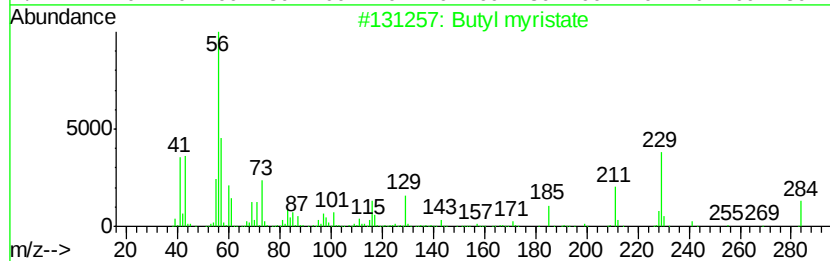
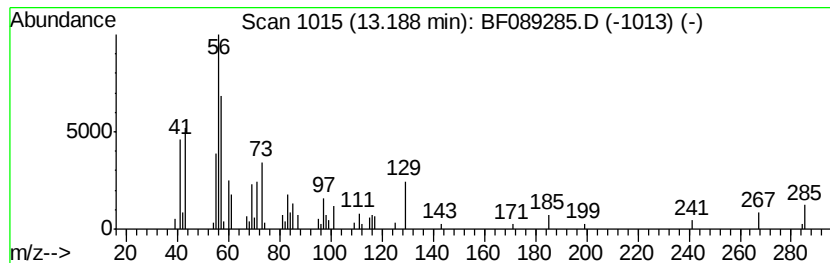
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Peak Number 6 Butyl myristate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	4.73 ng	73462	Chrysene-d12	13.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butyl myristate	284	C18H36O2	000110-36-1	59
2		Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35
3		Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35
4		Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	35
5		Octadecanoic acid	284	C18H36O2	000057-11-4	27



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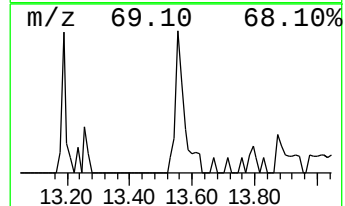
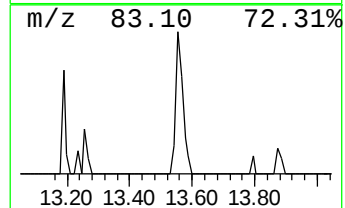
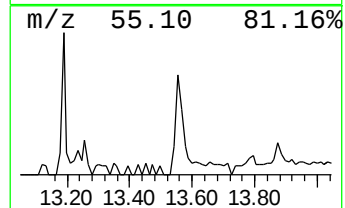
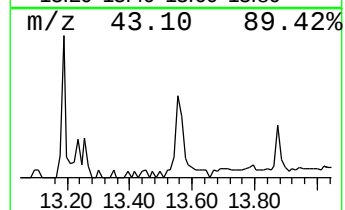
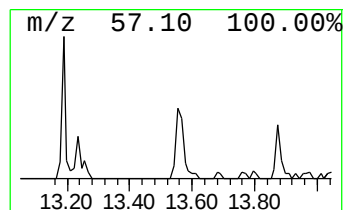
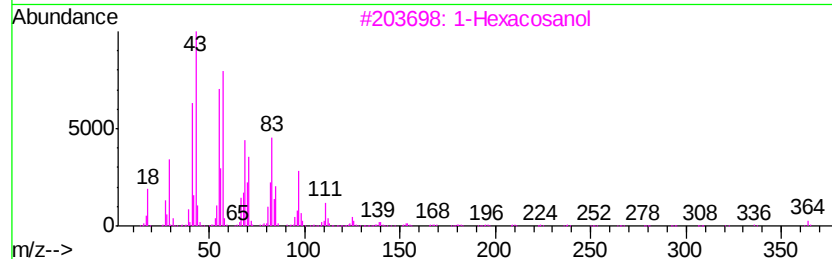
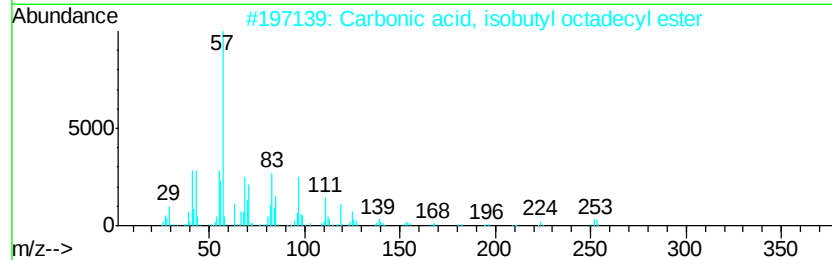
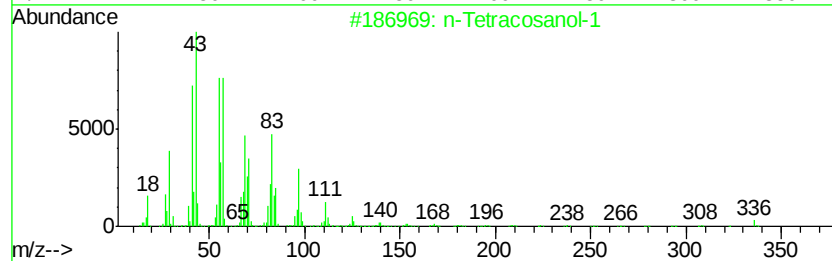
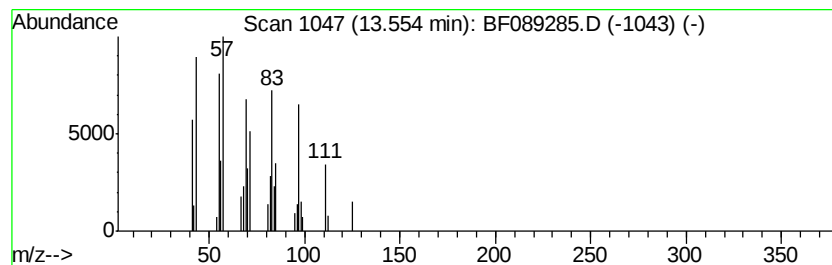
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Peak Number 7 n-Tetracosanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.55	4.08 ng	63389	Chrysene-d12	13.68	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	Carbonic acid, isobutyl octadecyl...	370	C23H46O3	1000314-61-5	90
3	1-Hexacosanol	382	C26H54O	000506-52-5	87
4	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	83
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.70	5.6	ng	90259	1	6.56	323810	20.0
unknown6.33	6.33	102.6	ng	1661490	1	6.56	323810	20.0
Hexadecanoic acid...	12.49	7.2	ng	111206	5	13.68	310639	20.0
Butyl myristate	13.19	4.7	ng	73462	5	13.68	310639	20.0
n-Tetracosanol-1	13.55	4.1	ng	63389	5	13.68	310639	20.0