

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\
 Data File : BF118710.D
 Acq On : 25 Jan 2020 4:58
 Operator : CG/JU
 Sample : L1173-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0048-SITE-WATER

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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	2.134	3	8	14	rVB	3022547	4165251	59.71%	8.898%
2	5.481	572	577	580	rBV	2709337	2484939	35.62%	5.308%
3	6.481	743	747	757	rBV	1859498	1951487	27.97%	4.169%
4	6.863	808	812	816	rBV	1641742	1294838	18.56%	2.766%
5	7.022	835	839	842	rVB	5432966	4619762	66.22%	9.869%
6	7.422	902	907	910	rBV	3756430	3484563	49.95%	7.444%
7	7.633	940	943	947	rVB	135323	107723	1.54%	0.230%
8	8.145	1026	1030	1033	rBV	1984768	1637284	23.47%	3.498%
9	9.222	1208	1213	1216	rBV	7823091	6976056	100.00%	14.903%
10	9.610	1275	1279	1282	rBV	471707	403504	5.78%	0.862%
11	9.898	1324	1328	1331	rBV	2250281	1890265	27.10%	4.038%
12	10.304	1394	1397	1400	rBV2	138925	130863	1.88%	0.280%
13	10.569	1439	1442	1445	rBV	1020882	736482	10.56%	1.573%
14	10.686	1457	1462	1465	rBV	4120439	3997519	57.30%	8.540%
15	11.380	1576	1580	1584	rBV	2075876	1693147	24.27%	3.617%
16	11.904	1665	1669	1673	rBV	394432	369980	5.30%	0.790%
17	12.963	1845	1849	1852	rBV	6513930	5914729	84.79%	12.635%
18	13.857	1997	2001	2017	rBV	282540	368771	5.29%	0.788%
19	14.015	2021	2028	2035	rBV	1440956	1477270	21.18%	3.156%
20	14.486	2104	2108	2112	rBV	108644	112739	1.62%	0.241%
21	14.792	2156	2160	2166	rVB	130245	128062	1.84%	0.274%
22	14.868	2168	2173	2181	rVB	502174	523226	7.50%	1.118%
23	15.127	2213	2217	2223	rBV	139054	164646	2.36%	0.352%
24	15.474	2271	2276	2280	rBV	1352633	1668214	23.91%	3.564%
25	15.509	2280	2282	2291	rVB	137363	159048	2.28%	0.340%
26	15.945	2352	2356	2361	rBV	103980	148240	2.12%	0.317%
27	16.451	2437	2442	2448	rBV2	67516	117543	1.68%	0.251%
28	17.045	2538	2543	2550	rVB3	40298	84865	1.22%	0.181%

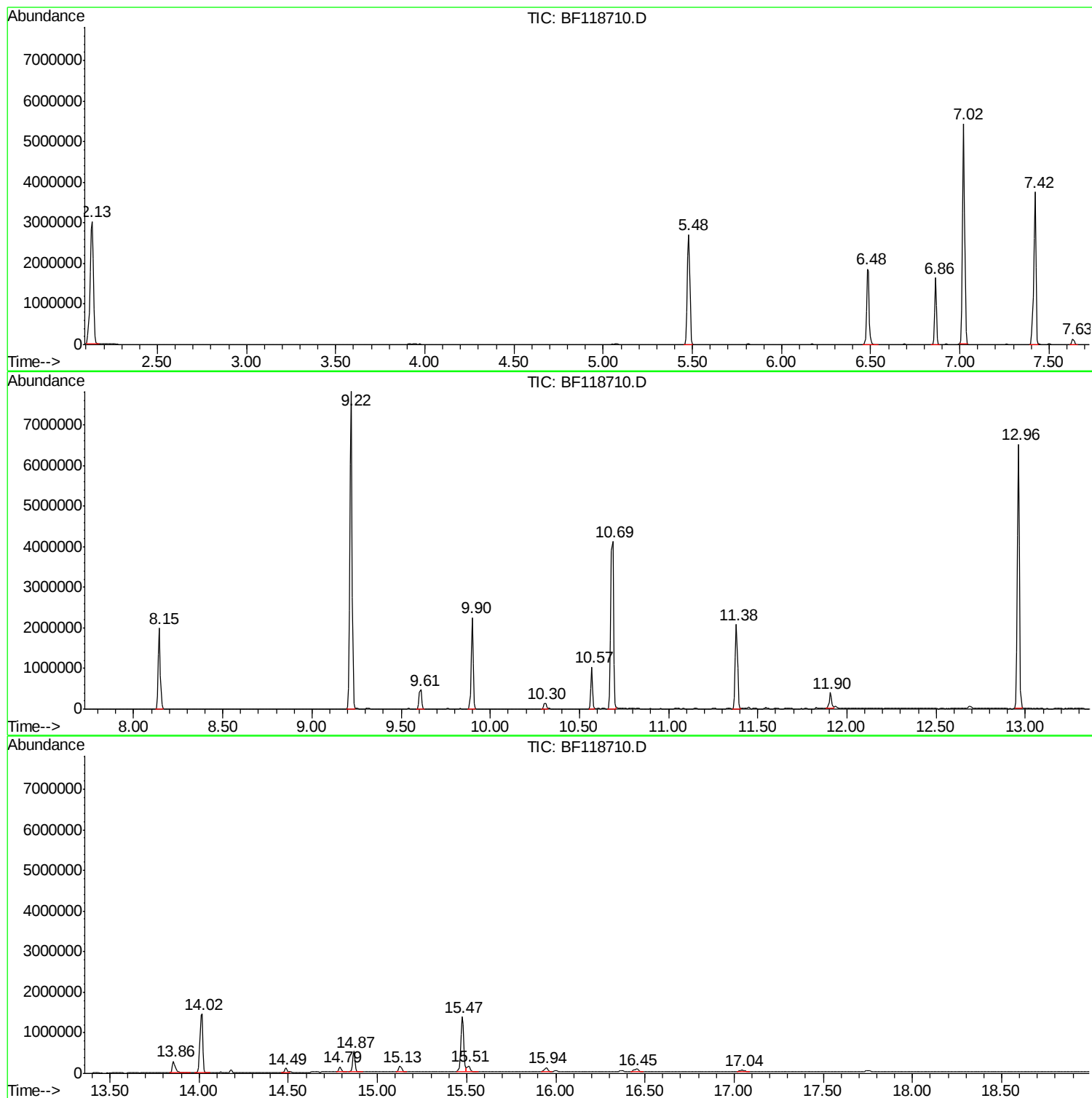
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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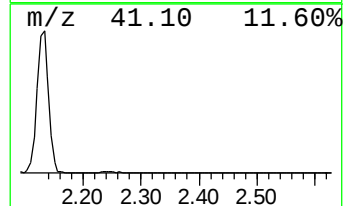
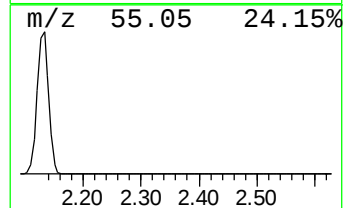
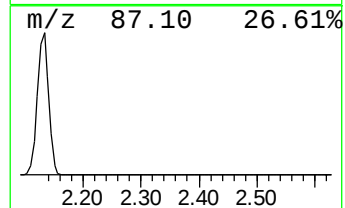
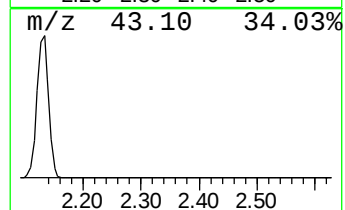
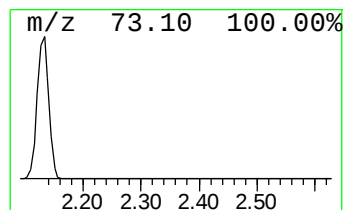
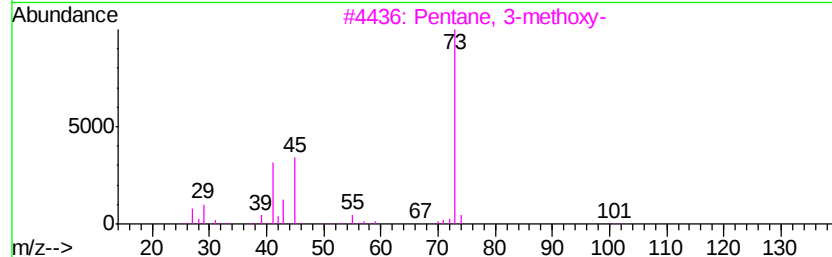
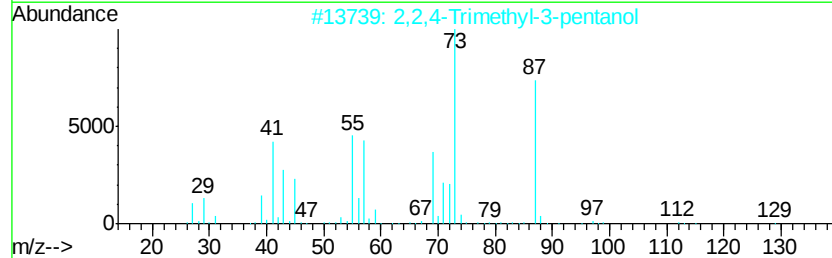
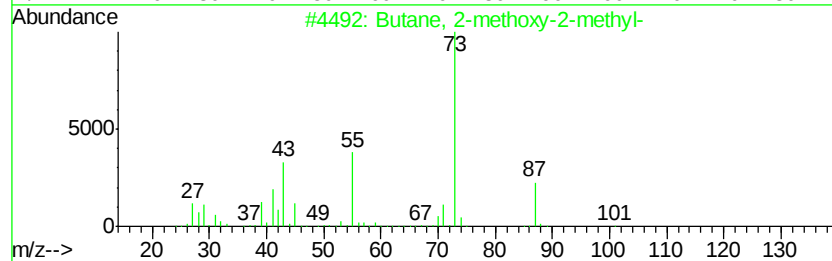
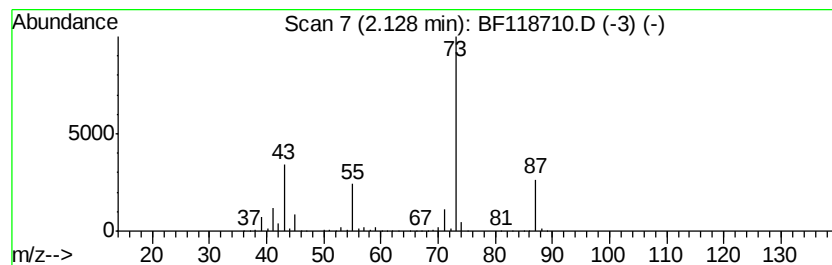
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	64.34 ng	4165250	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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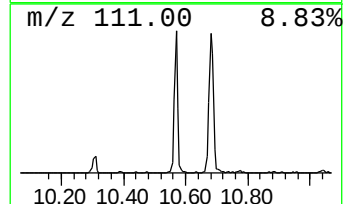
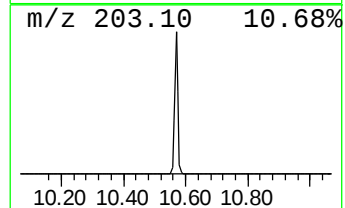
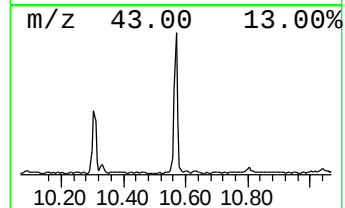
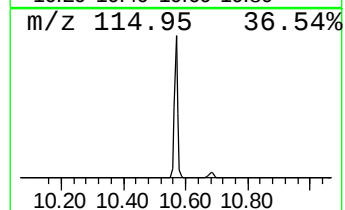
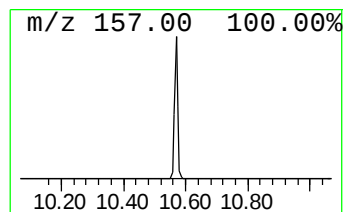
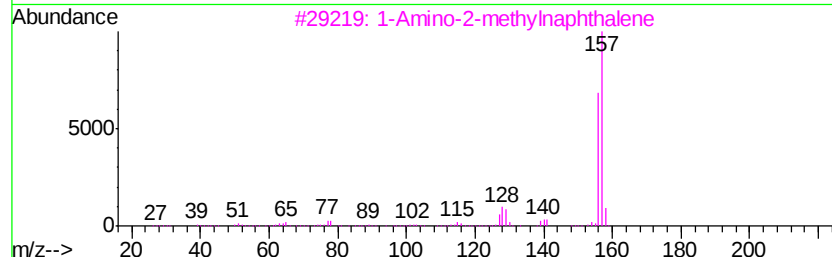
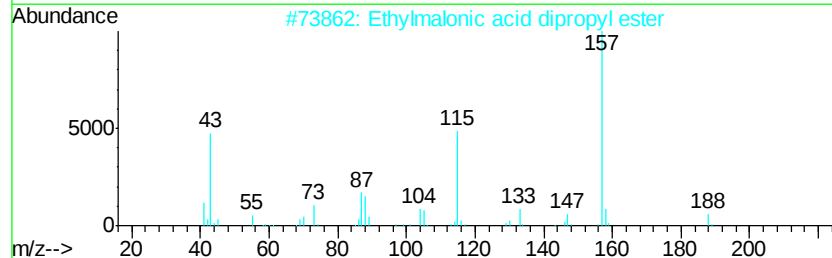
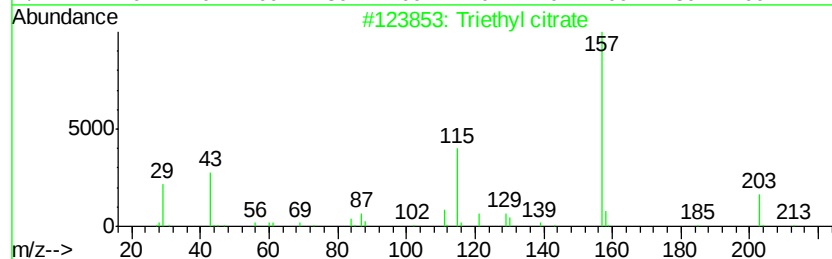
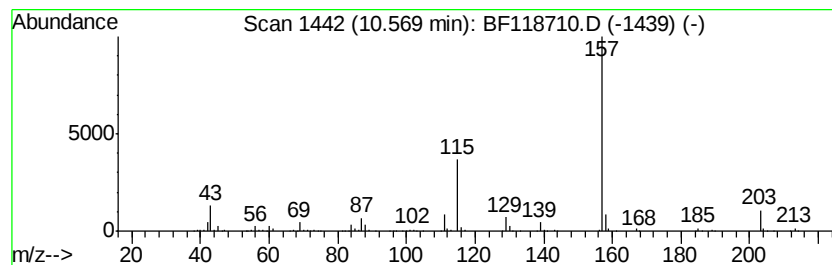
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Peak Number 3 Triethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.57	7.79 ng	736482	Acenaphthene-d10		9.90	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triethyl citrate	276	C12H20O7	000077-93-0	78
2		Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	64
3		1-Amino-2-methylnaphthalene	157	C11H11N	002246-44-8	40
4		Quinoline, 4,8-dimethyl-	157	C11H11N	013362-80-6	40
5		Piperazine-1-carboxylic acid, 4-...	362	C14H19ClN2O5S	1000303-79-9	40



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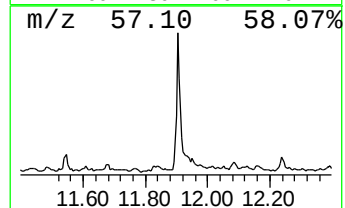
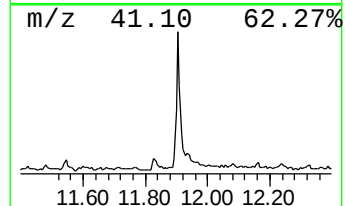
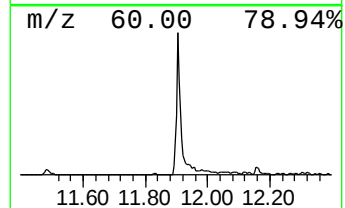
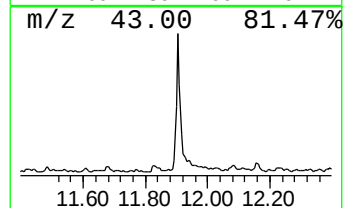
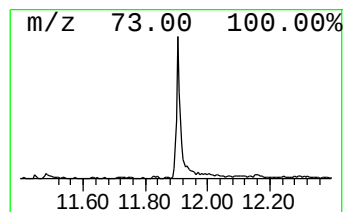
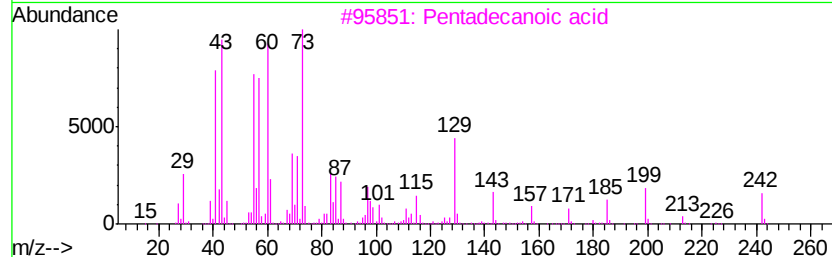
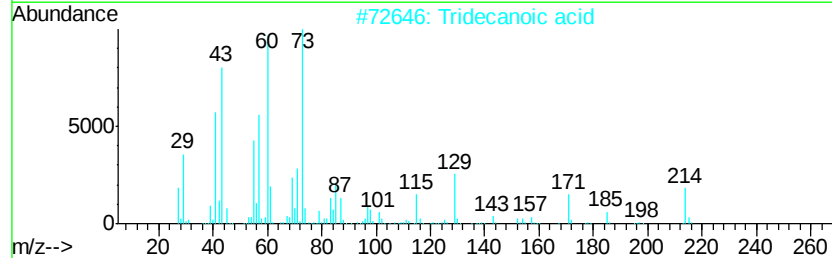
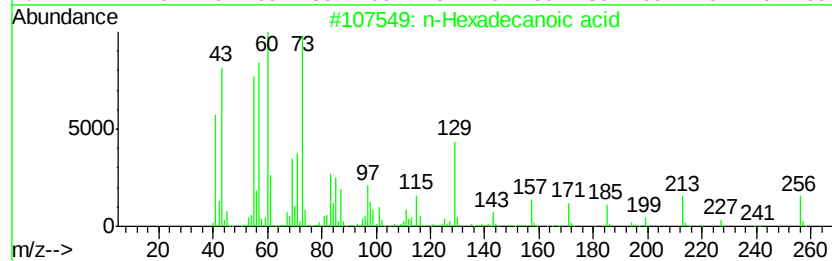
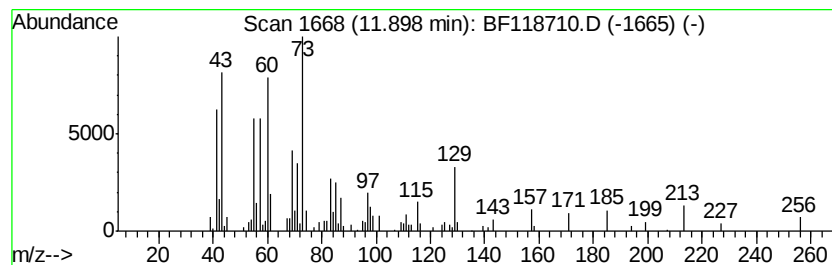
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.37 ng	369980	Phenanthrene-d10	11.38

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	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	58



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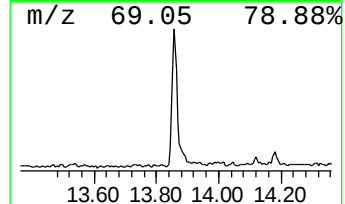
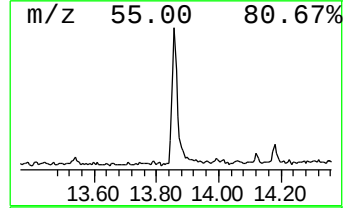
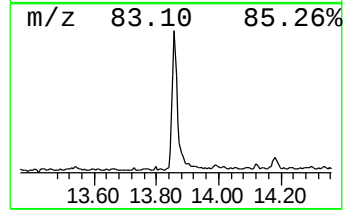
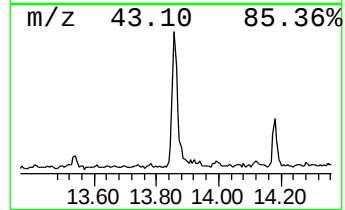
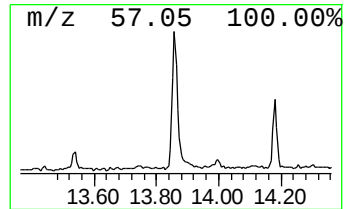
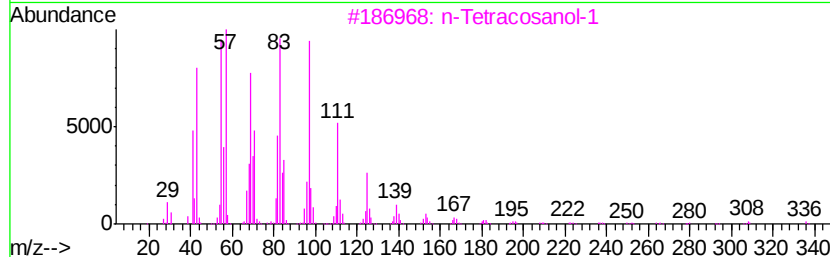
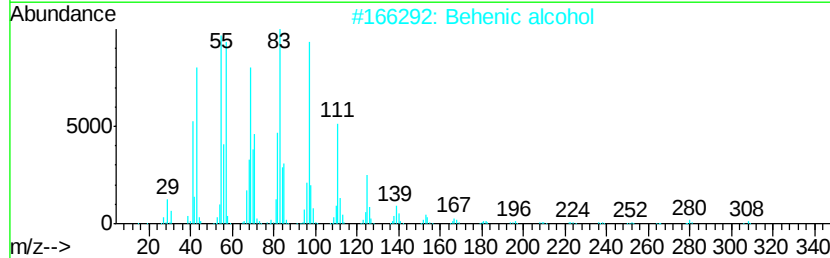
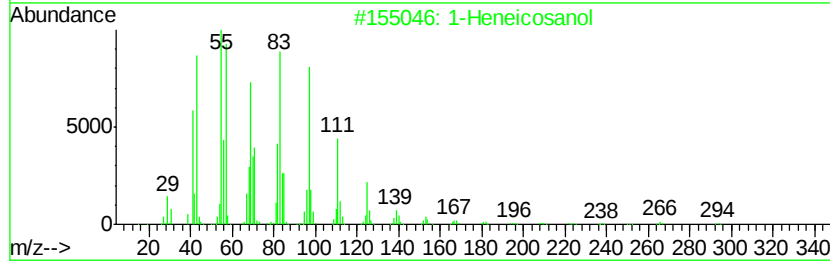
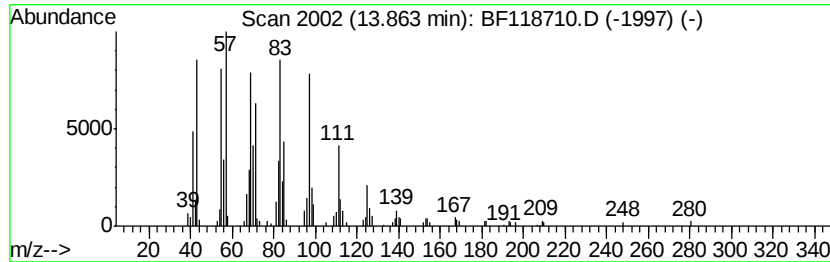
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Peak Number 5 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.86	4.99 ng	368771	Chrysene-d12		14.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	Cyclopentadecane	210	C15H30	000295-48-7	94



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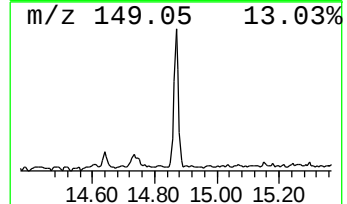
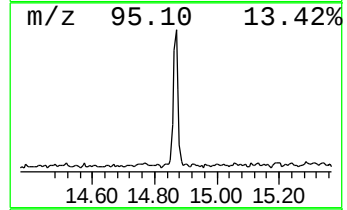
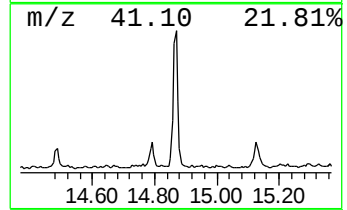
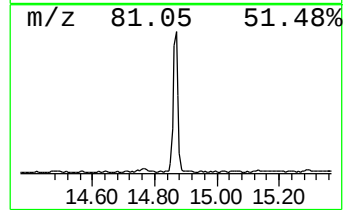
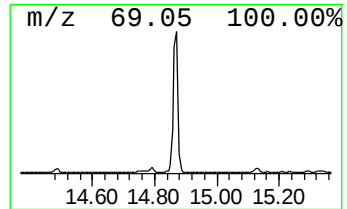
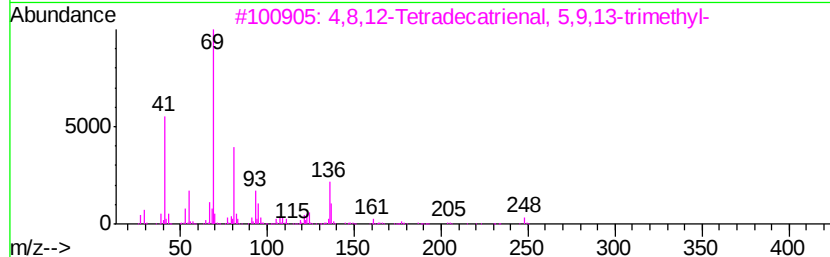
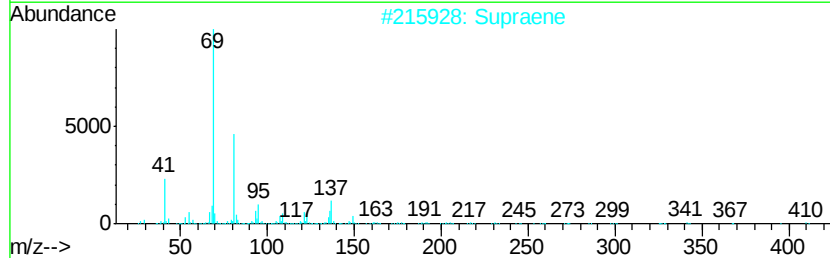
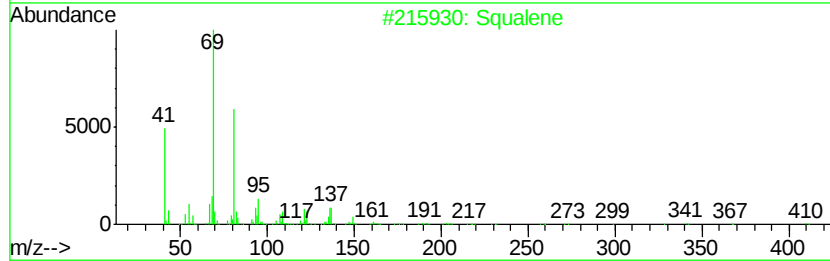
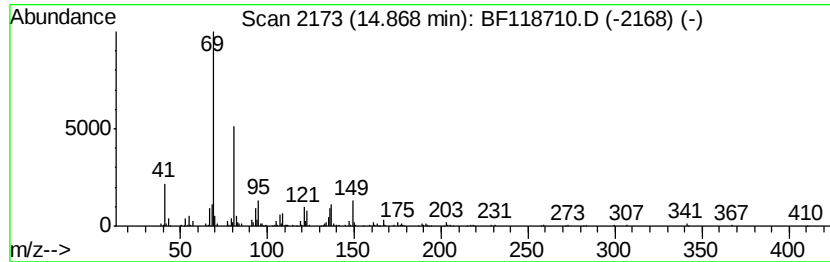
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Peak Number 6 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	6.27 ng	523226	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	98
2		Supraene	410	C30H50	007683-64-9	94
3		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4		Farnesol isomer a	222	C15H26O	1000108-92-4	64
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	64.3	ng	4165250	1	6.86	1294840	20.0
Triethyl citrate	10.57	7.8	ng	736482	3	9.90	1890270	20.0
n-Hexadecanoic acid	11.90	4.4	ng	369980	4	11.38	1693150	20.0
1-Heneicosanol	13.86	5.0	ng	368771	5	14.02	1477270	20.0
Squalene	14.87	6.3	ng	523226	6	15.47	1668210	20.0