

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
 Data File : BM027353.D
 Acq On : 08 Sep 2020 11:50
 Operator : JU/CG
 Sample : L3891-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW289

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	22	25	34	rVB	29228	40598	0.88%	0.111%
2	4.745	295	299	306	rVB	45370	69506	1.50%	0.191%
3	6.751	635	640	652	rVB	98666	175751	3.79%	0.482%
4	6.910	661	667	677	rBV	348592	556045	12.01%	1.524%
5	7.104	694	700	712	rBV	409803	659911	14.25%	1.809%
6	7.569	773	779	791	rVB	434435	671550	14.50%	1.841%
7	8.275	893	899	911	rBV	304950	480637	10.38%	1.318%
8	8.710	966	973	983	rBV	494694	801206	17.30%	2.197%
9	8.857	994	998	1003	rBV4	4668	7849	0.17%	0.022%
10	9.428	1089	1095	1104	rBV	439470	706381	15.25%	1.937%
11	9.963	1180	1186	1203	rBV	609072	1039212	22.44%	2.849%
12	10.339	1242	1250	1258	rVB	539100	900523	19.44%	2.469%
13	10.480	1267	1274	1284	rBV	58037	108301	2.34%	0.297%
14	11.939	1517	1522	1529	rVB2	6934	12695	0.27%	0.035%
15	13.057	1709	1712	1718	rVB3	4062	5235	0.11%	0.014%
16	13.127	1720	1724	1728	rBV3	4373	6418	0.14%	0.018%
17	13.627	1803	1809	1814	rBV	1461806	1955320	42.22%	5.361%
18	13.674	1814	1817	1826	rVB	175057	240660	5.20%	0.660%
19	13.898	1848	1855	1864	rBV	1458444	2061392	44.51%	5.652%
20	14.210	1901	1908	1917	rBV	1015689	1401350	30.26%	3.842%
21	14.421	1938	1944	1961	rBV	78411	149545	3.23%	0.410%
22	14.657	1980	1984	1987	rBV5	8073	9721	0.21%	0.027%
23	14.968	2033	2037	2042	rVB	8296	12071	0.26%	0.033%
24	15.045	2044	2050	2056	rVB5	3514	5537	0.12%	0.015%
25	15.210	2071	2078	2091	rBV	2001631	2792007	60.28%	7.655%
26	15.333	2093	2099	2114	rVV	698680	987564	21.32%	2.708%
27	15.445	2114	2118	2125	rVB3	23475	34592	0.75%	0.095%
28	15.998	2208	2212	2216	rVB2	6273	8630	0.19%	0.024%
29	16.645	2317	2322	2326	rVB2	3153	5135	0.11%	0.014%
30	16.745	2335	2339	2344	rBV3	4746	7902	0.17%	0.022%
31	16.956	2369	2375	2385	rVB	1346384	1820486	39.30%	4.991%
32	17.056	2385	2392	2406	rBV	2564560	3429250	74.04%	9.402%
33	17.880	2527	2532	2541	rBV	251727	384024	8.29%	1.053%
34	18.992	2717	2721	2723	rBV	27249	33347	0.72%	0.091%

LSC Area Percent Report

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Title : SVOA CALIBRATION

35	19.168	2747	2751	2759	rBV	157128	245196	5.29%	0.672%
36	19.245	2761	2764	2768	rVB	30104	41562	0.90%	0.114%
37	19.356	2777	2783	2795	rVB	3415600	4402060	95.04%	12.069%
38	19.903	2874	2876	2880	rBV5	10105	11750	0.25%	0.032%
39	20.897	3041	3045	3054	rBV	366001	496123	10.71%	1.360%
40	21.156	3084	3089	3099	rBV	1970749	2538116	54.80%	6.959%
41	23.197	3429	3436	3443	rBV	2790988	4631719	100.00%	12.698%
42	23.333	3452	3459	3468	rVB	1403975	2528163	54.58%	6.931%

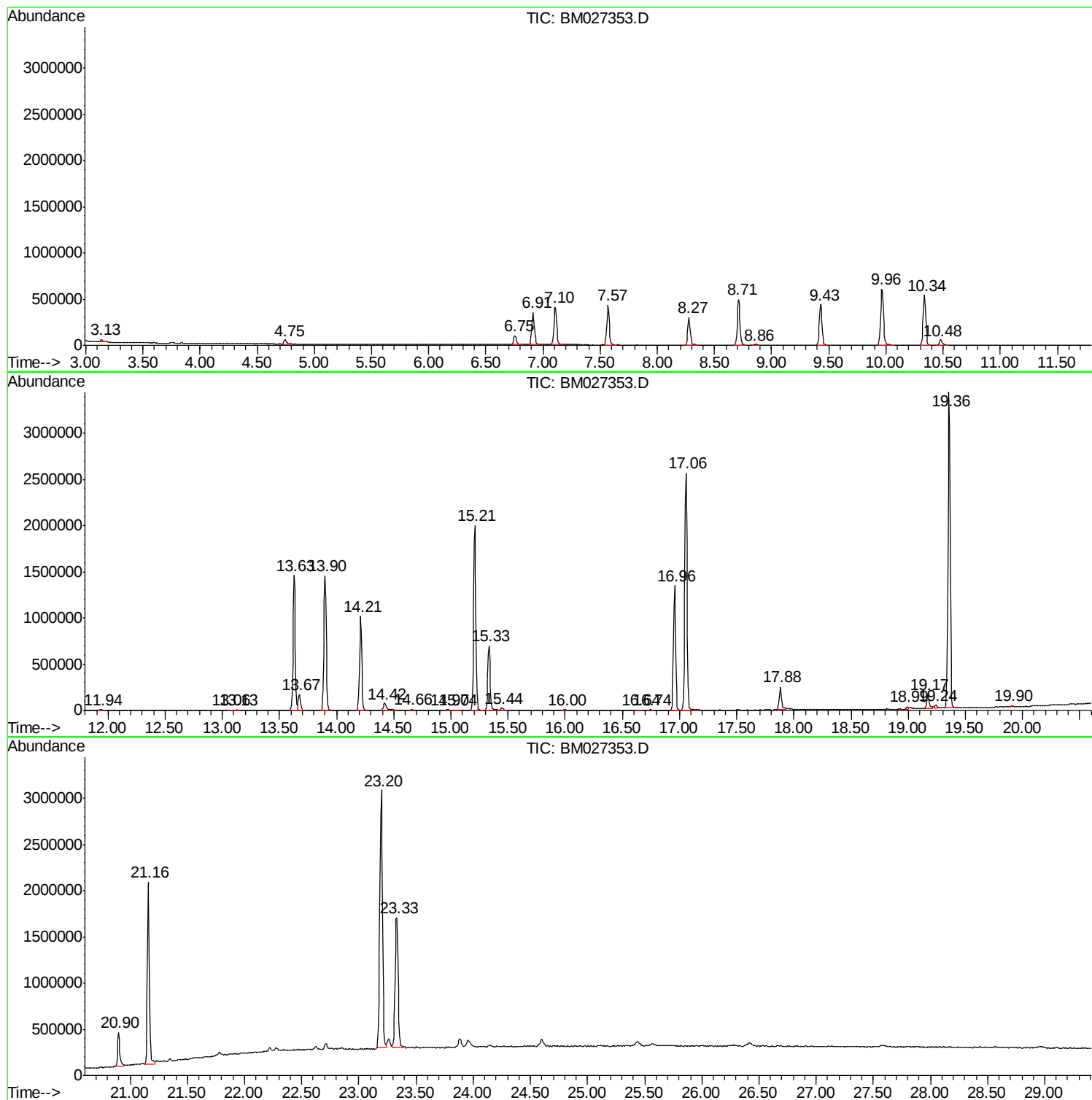
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Quant Title : SVOA CALIBRATION

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



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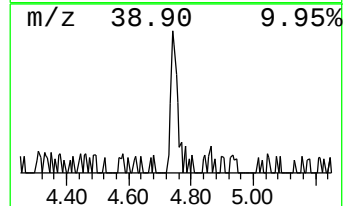
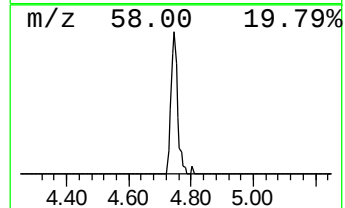
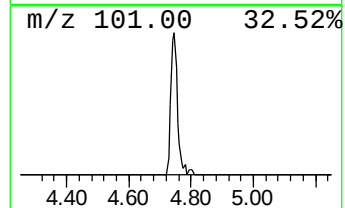
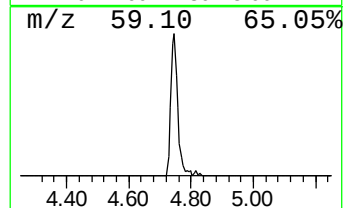
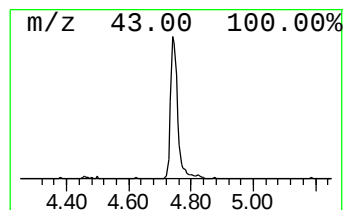
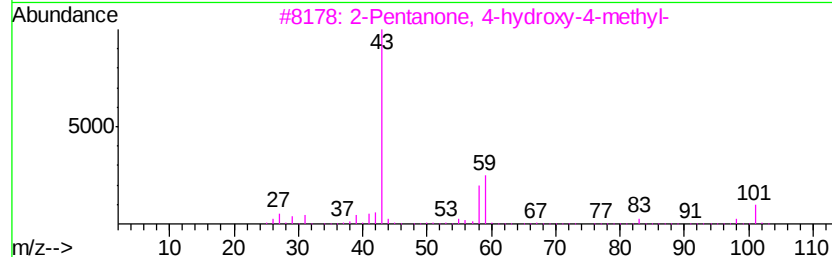
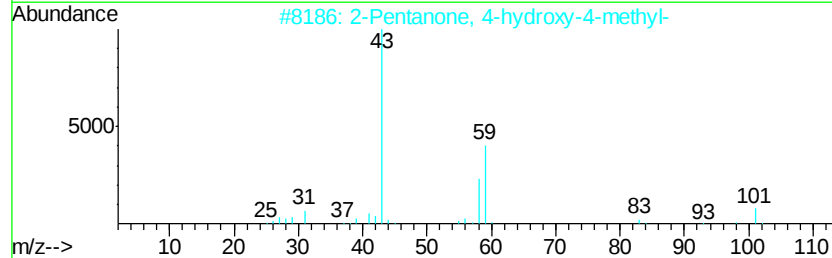
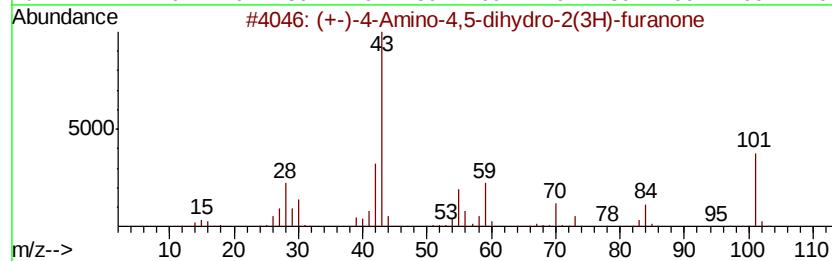
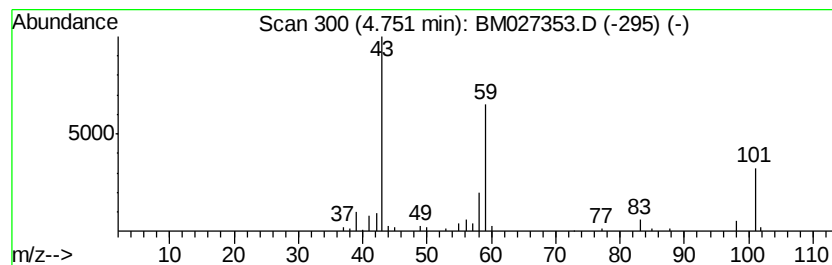
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	2.07 ng/ul	69506	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33		
4	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	17		
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	10		



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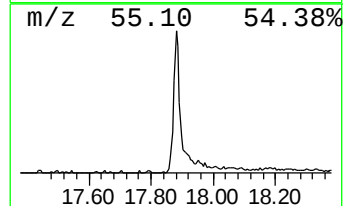
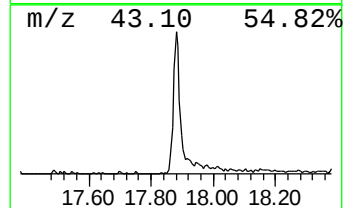
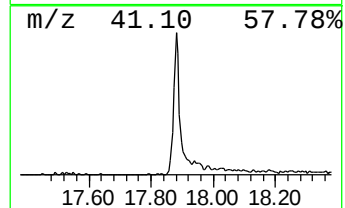
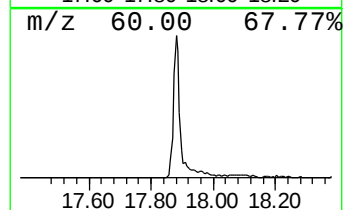
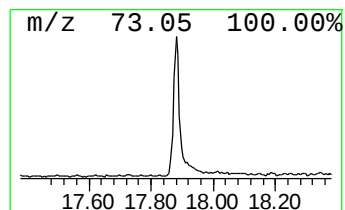
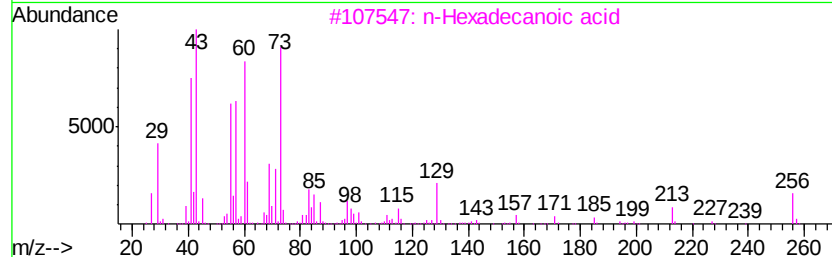
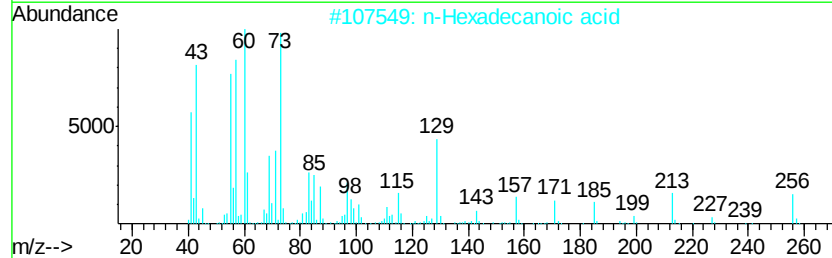
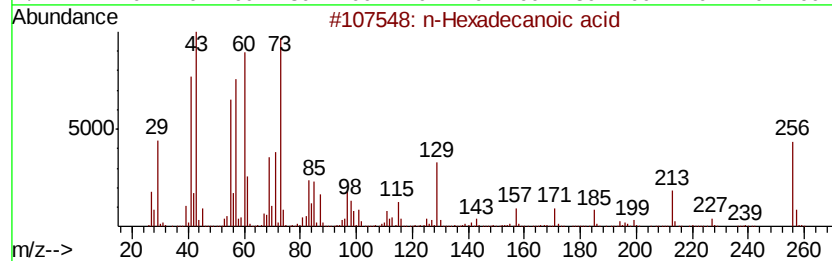
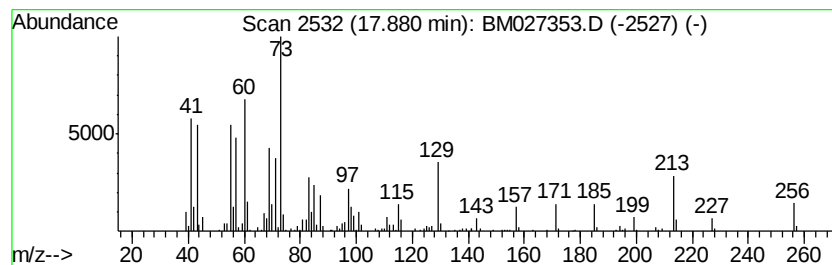
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.88	4.22 ng/ul	384024	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60	



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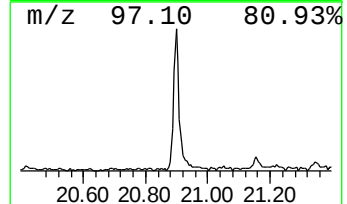
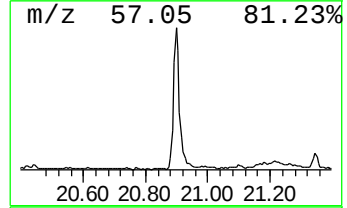
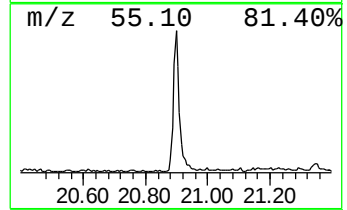
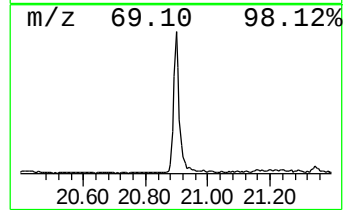
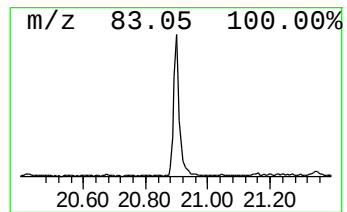
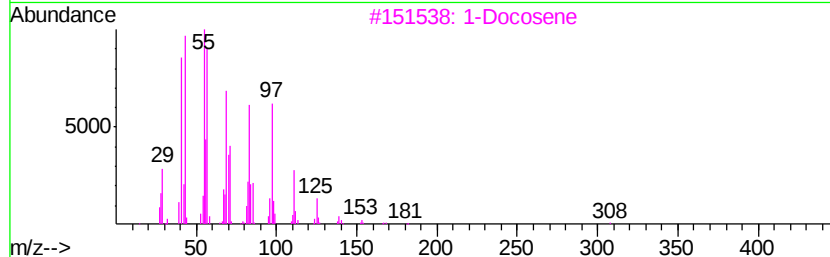
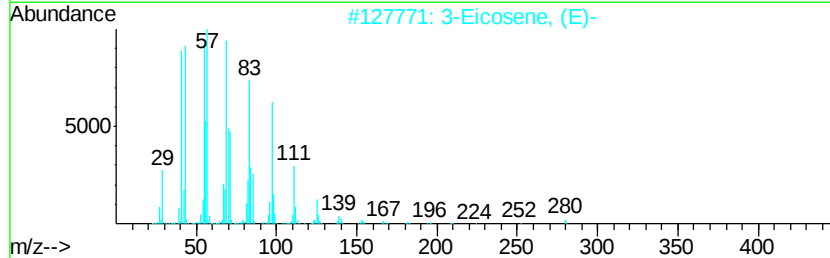
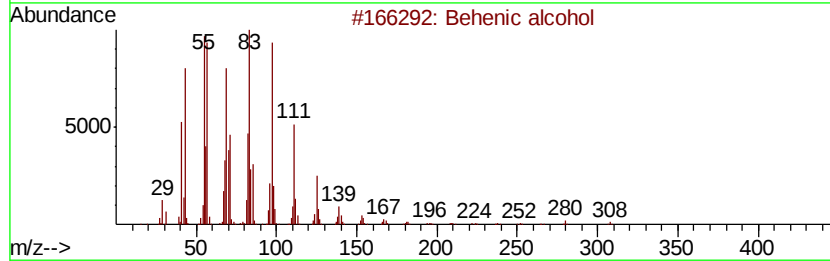
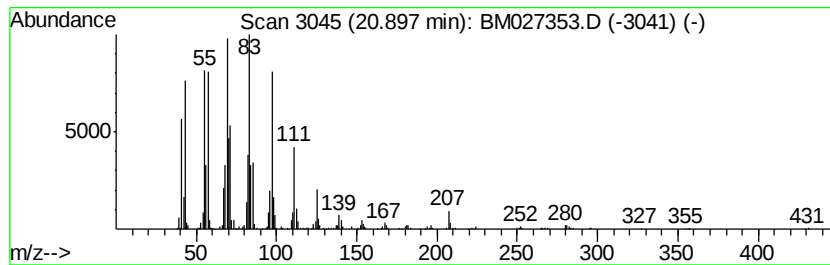
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.91 ng/ul	496123	Chrysene-d12	21.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 93
2		3-Eicosene, (E)-	280 C20H40	074685-33-9 90
3		1-Docosene	308 C22H44	001599-67-3 81
4		1-Heneicosanol	312 C21H44O	015594-90-8 81
5		n-Nonadecanol-1	284 C19H40O	001454-84-8 76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	4.75	2.1	ng/ul	69506	1	7.57	671550	20.0
n-Hexadecanoic acid	17.88	4.2	ng/ul	384024	4	16.96	1820490	20.0
Behenic alcohol	20.90	3.9	ng/ul	496123	5	21.16	2538120	20.0