

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029405.D
 Acq On : 08 Apr 2021 12:11
 Operator : CG/JU
 Sample : M1881-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQG4

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-BM040721MA.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	2.934	3	8	21	rVB	1342530	1628470	69.63%	7.169%
2	3.193	49	52	61	rVB	24355	35174	1.50%	0.155%
3	3.828	157	160	167	rVB2	10024	14067	0.60%	0.062%
4	3.916	172	175	181	rVB4	7379	11530	0.49%	0.051%
5	6.857	670	675	688	rBV	98114	174583	7.46%	0.769%
6	7.028	698	704	719	rBV	317138	514855	22.01%	2.267%
7	7.222	731	737	745	rBV	391599	615103	26.30%	2.708%
8	7.686	810	816	825	rBV	334186	527125	22.54%	2.321%
9	8.392	929	936	947	rBV	264552	428338	18.31%	1.886%
10	8.839	1005	1012	1025	rBV	413657	680809	29.11%	2.997%
11	9.275	1082	1086	1091	rVB2	3964	5650	0.24%	0.025%
12	9.557	1128	1134	1145	rBV	337822	554025	23.69%	2.439%
13	10.092	1218	1225	1237	rBV	461190	807315	34.52%	3.554%
14	10.469	1283	1289	1299	rVB	438636	700252	29.94%	3.083%
15	10.616	1306	1314	1324	rVB4	20398	41534	1.78%	0.183%
16	11.904	1528	1533	1538	rBV6	2089	3681	0.16%	0.016%
17	12.063	1555	1560	1569	rVB2	6108	10315	0.44%	0.045%
18	12.733	1669	1674	1679	rVB3	1805	2653	0.11%	0.012%
19	13.163	1742	1747	1751	rVV	9275	12296	0.53%	0.054%
20	13.227	1753	1758	1764	rVB6	3237	6424	0.27%	0.028%
21	13.298	1764	1770	1773	rBV5	2081	3976	0.17%	0.018%
22	13.739	1838	1845	1850	rBV	878424	1217695	52.06%	5.361%
23	13.786	1850	1853	1860	rVB	45180	62464	2.67%	0.275%
24	14.015	1885	1892	1907	rBV	972790	1416612	60.57%	6.236%
25	14.239	1924	1930	1934	rBV5	3735	5722	0.24%	0.025%
26	14.327	1938	1945	1952	rBV	576664	860905	36.81%	3.790%
27	14.521	1971	1978	1982	rBV2	56264	91009	3.89%	0.401%
28	15.151	2082	2085	2089	rVB2	3080	3253	0.14%	0.014%
29	15.315	2107	2113	2120	rBV	1243430	1768285	75.60%	7.784%
30	15.433	2127	2133	2146	rBV	413576	561017	23.99%	2.470%
31	15.557	2150	2154	2159	rVV	12883	18693	0.80%	0.082%
32	16.104	2244	2247	2250	rVB4	3538	4652	0.20%	0.020%
33	16.315	2277	2283	2287	rBV5	3843	6306	0.27%	0.028%
34	16.474	2305	2310	2315	rBV6	1672	3412	0.15%	0.015%

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35	16.745	2353	2356	2362	rBV5	2133	3859	0.16%	0.017%
36	16.839	2369	2372	2373	rBV3	2988	2711	0.12%	0.012%
37	16.851	2373	2374	2379	rVB4	2445	3036	0.13%	0.013%
38	17.062	2404	2410	2419	rBV	661834	926464	39.61%	4.079%
39	17.162	2419	2427	2436	rBV	1467818	1994648	85.28%	8.781%
40	17.962	2556	2563	2570	rBV2	72317	109518	4.68%	0.482%
41	18.268	2612	2615	2617	rBV3	1835	2501	0.11%	0.011%
42	18.968	2733	2734	2739	rBV5	2082	3268	0.14%	0.014%
43	19.092	2751	2755	2760	rBV2	13203	20018	0.86%	0.088%
44	19.250	2777	2782	2787	rBV3	28272	44324	1.90%	0.195%
45	19.345	2794	2798	2802	rVB	11839	15784	0.67%	0.069%
46	19.456	2811	2817	2825	rBV	1651821	2185898	93.46%	9.623%
47	20.968	3070	3074	3084	rBV	151178	273900	11.71%	1.206%
48	21.238	3115	3120	3126	rBV	760535	957737	40.95%	4.216%
49	23.309	3466	3472	3487	rVB	1224742	2338886	100.00%	10.296%
50	23.450	3490	3496	3506	rVB2	528177	1035011	44.25%	4.556%

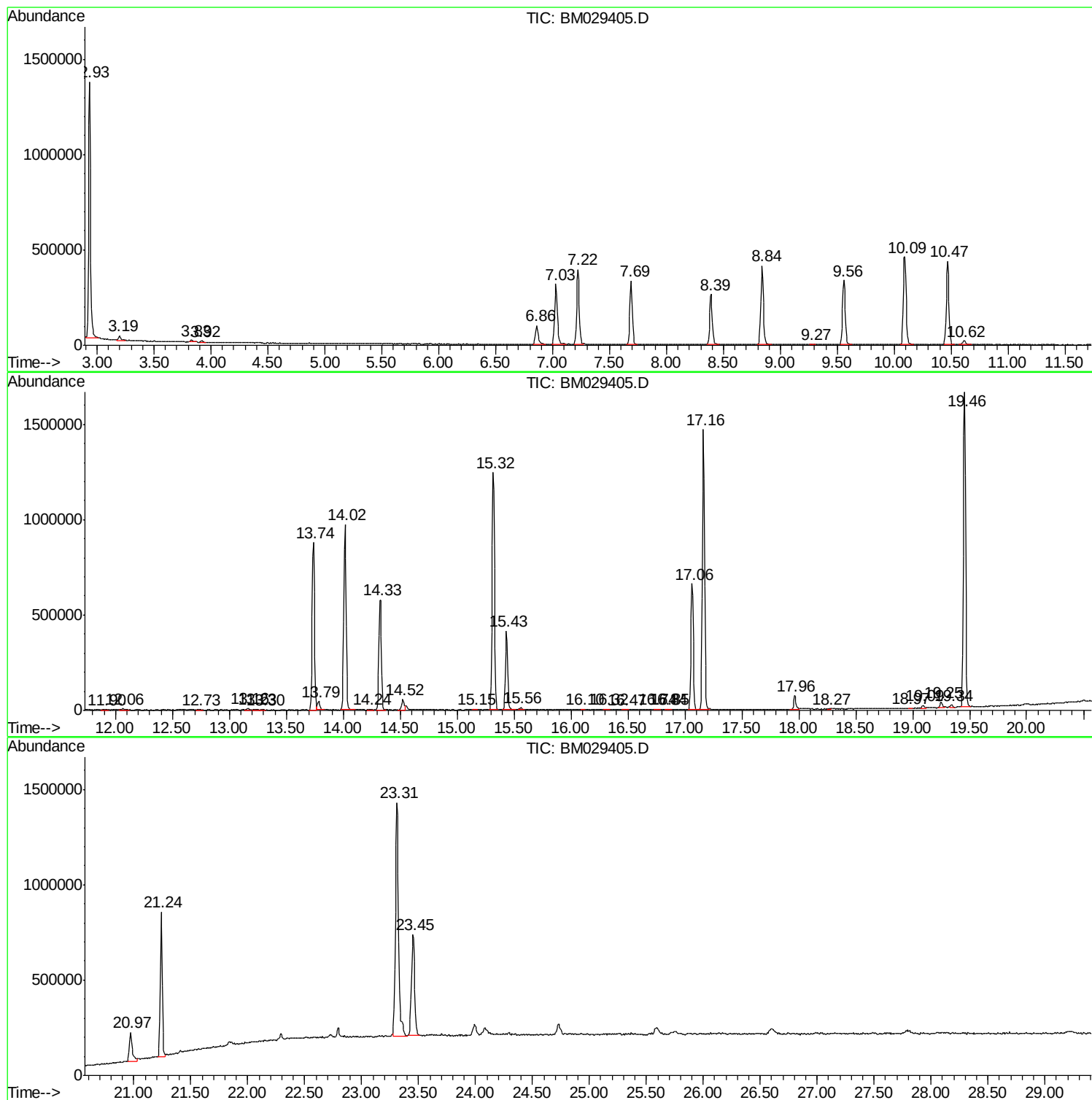
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



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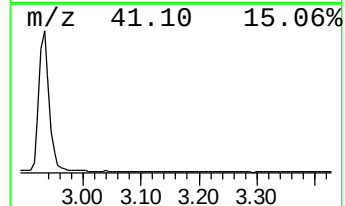
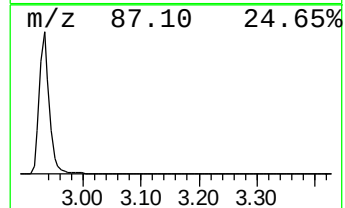
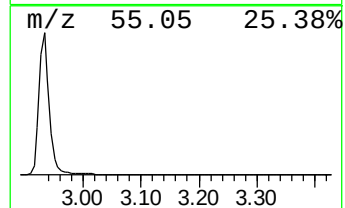
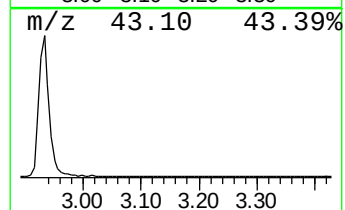
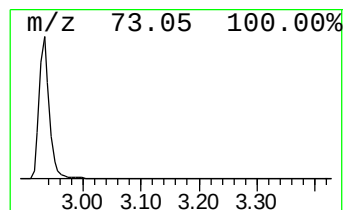
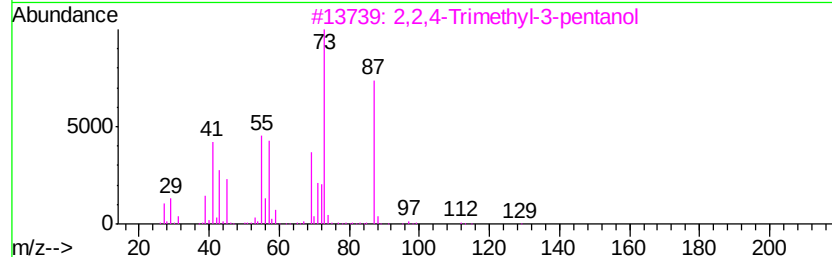
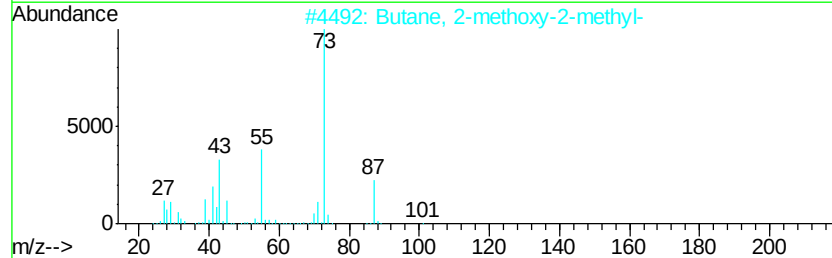
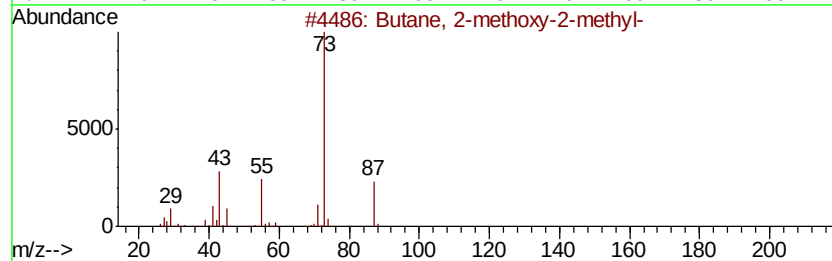
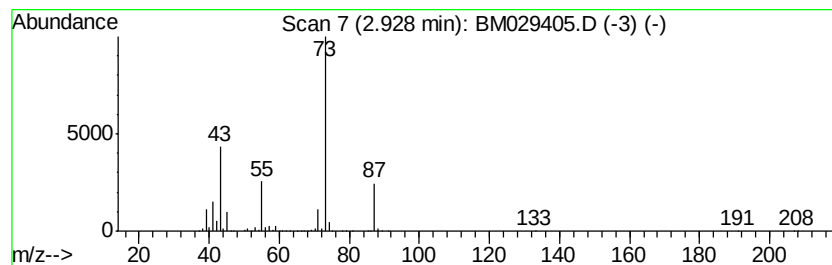
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	61.79 ng/ul	1628470	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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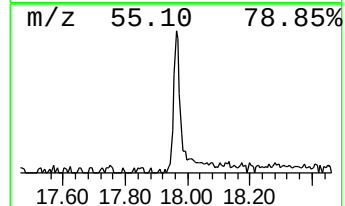
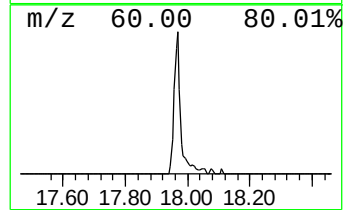
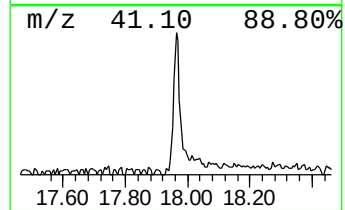
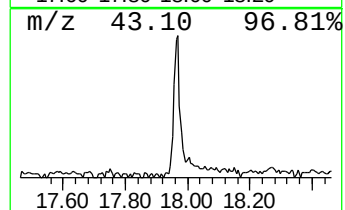
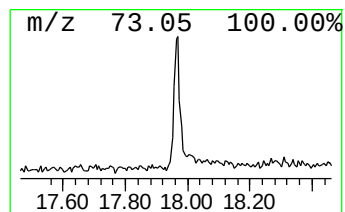
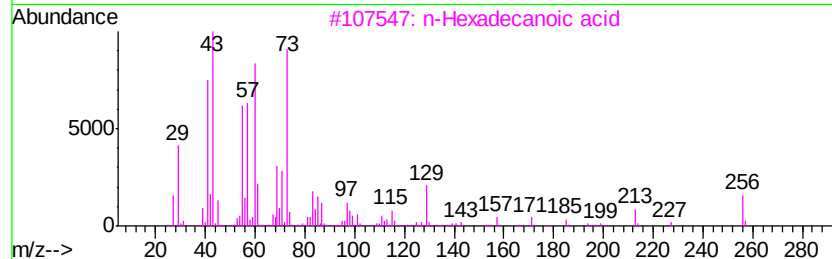
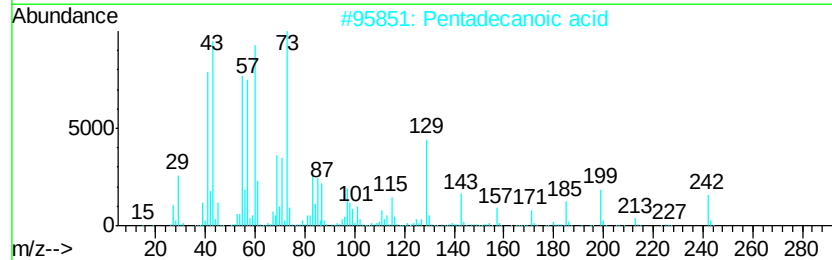
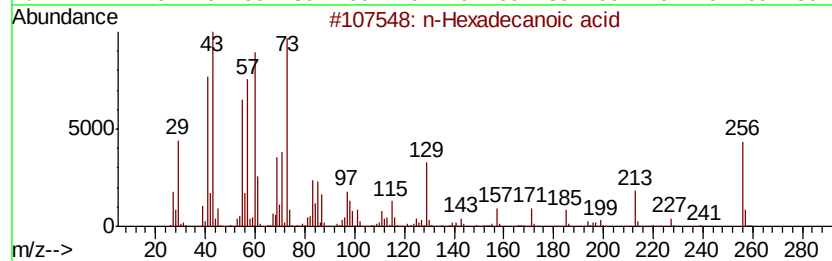
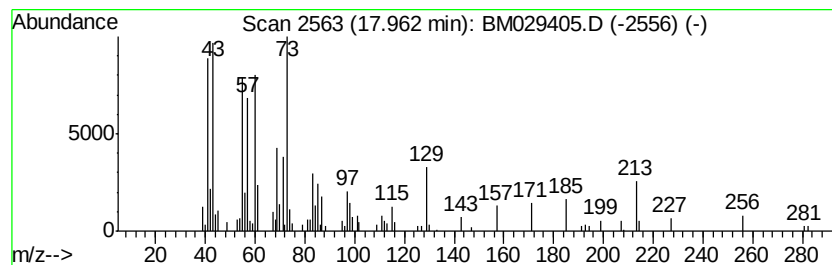
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.96	2.36 ng/ul	109518	Phenanthrene-d10		17.06
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83



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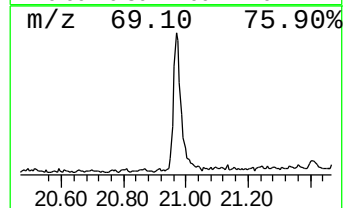
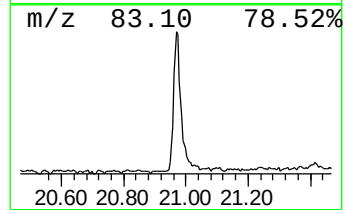
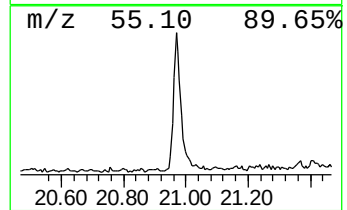
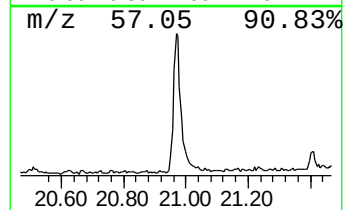
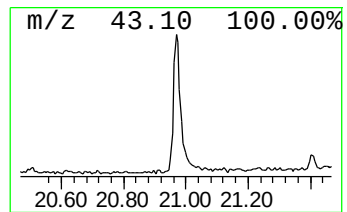
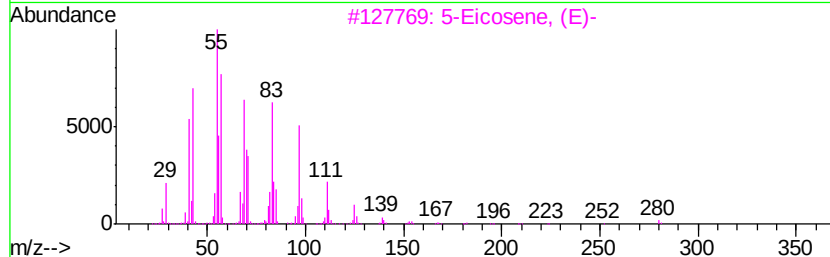
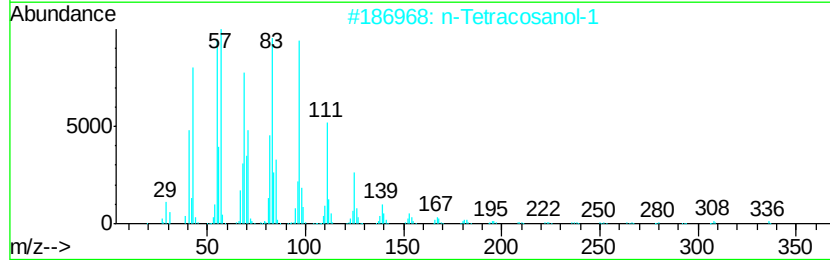
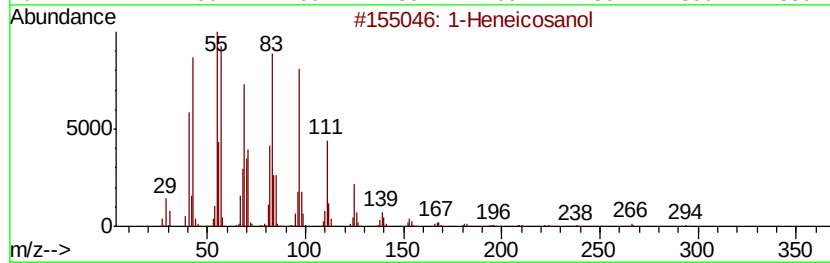
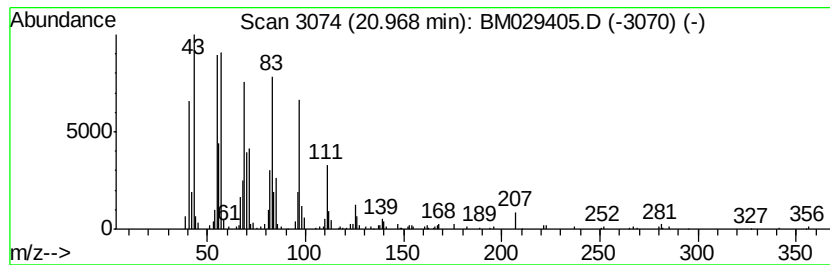
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.72 ng/ul	273900	Chrysene-d12	21.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	94
2	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
3	5-Eicosene, (E)-		280	C20H40	074685-30-6	93
4	1-Docosene		308	C22H44	001599-67-3	93
5	Cyclotetracosane		336	C24H48	000297-03-0	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.93	61.8	ng/ul	1628470	1	7.69	527125	20.0
n-Hexadecanoic acid	17.96	2.4	ng/ul	109518	4	17.06	926464	20.0
1-Heneicosanol	20.97	5.7	ng/ul	273900	5	21.24	957737	20.0