

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
 Data File : BM014044.D
 Acq On : 31 Jan 2018 21:06
 Operator : SJ/JU
 Sample : J1314-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C56

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.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	3.122	20	23	27	rBV2	21700	27218	1.08%	0.098%
2	6.751	634	640	657	rVB	302729	605219	24.05%	2.184%
3	6.910	661	667	676	rBV	247346	406756	16.16%	1.468%
4	7.098	693	699	713	rBV	353723	620964	24.68%	2.241%
5	7.563	772	778	787	rBV	346468	611240	24.29%	2.206%
6	8.281	893	900	915	rBV	393391	769716	30.59%	2.778%
7	8.722	968	975	986	rBV	364354	672494	26.72%	2.427%
8	9.434	1091	1096	1108	rBV	315844	601553	23.91%	2.171%
9	9.975	1181	1188	1201	rBV2	406042	817163	32.47%	2.949%
10	10.334	1242	1249	1259	rBV	513043	850886	33.81%	3.071%
11	10.486	1269	1275	1290	rBV	326805	747733	29.71%	2.699%
12	11.692	1473	1480	1486	rBV5	13875	36285	1.44%	0.131%
13	13.633	1805	1810	1815	rBV	898081	1359552	54.03%	4.907%
14	13.686	1815	1819	1828	rVB	170162	296268	11.77%	1.069%
15	13.904	1850	1856	1867	rBV	1036906	1588463	63.12%	5.733%
16	14.122	1888	1893	1899	rBV	29821	43575	1.73%	0.157%
17	14.216	1901	1909	1921	rBV2	761174	1200961	47.73%	4.334%
18	14.463	1946	1951	1971	rBV3	142547	444691	17.67%	1.605%
19	15.027	2041	2047	2052	rBV2	21006	32745	1.30%	0.118%
20	15.080	2052	2056	2062	rVB2	50471	64375	2.56%	0.232%
21	15.216	2073	2079	2092	rBV	1337125	1957898	77.81%	7.066%
22	15.369	2100	2105	2116	rBV	279254	507705	20.18%	1.832%
23	15.469	2118	2122	2129	rVB7	22910	49831	1.98%	0.180%
24	15.592	2138	2143	2148	rBV	349567	486371	19.33%	1.755%
25	15.945	2199	2203	2210	rBV2	46328	75033	2.98%	0.271%
26	16.739	2333	2338	2341	rBV4	26371	33771	1.34%	0.122%
27	16.974	2368	2378	2387	rBV2	999305	1463748	58.17%	5.283%
28	17.074	2387	2395	2409	rBV	1366548	2171886	86.31%	7.838%
29	17.880	2527	2532	2538	rBV2	152751	250854	9.97%	0.905%
30	19.021	2721	2726	2730	rBV5	29946	51980	2.07%	0.188%
31	19.174	2747	2752	2757	rBV8	92046	163811	6.51%	0.591%
32	19.374	2781	2786	2794	rBV2	1732746	2453820	97.51%	8.856%
33	19.439	2795	2797	2802	rVB6	18811	28143	1.12%	0.102%
34	20.892	3040	3044	3057	rBV2	231124	446837	17.76%	1.613%

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35	21.180	3088	3093	3103	rBV	1207609	1707760	67.87%	6.163%
36	23.227	3434	3441	3452	rVB	1333731	2516389	100.00%	9.082%
37	23.362	3458	3464	3472	rBV	815992	1544929	61.39%	5.576%

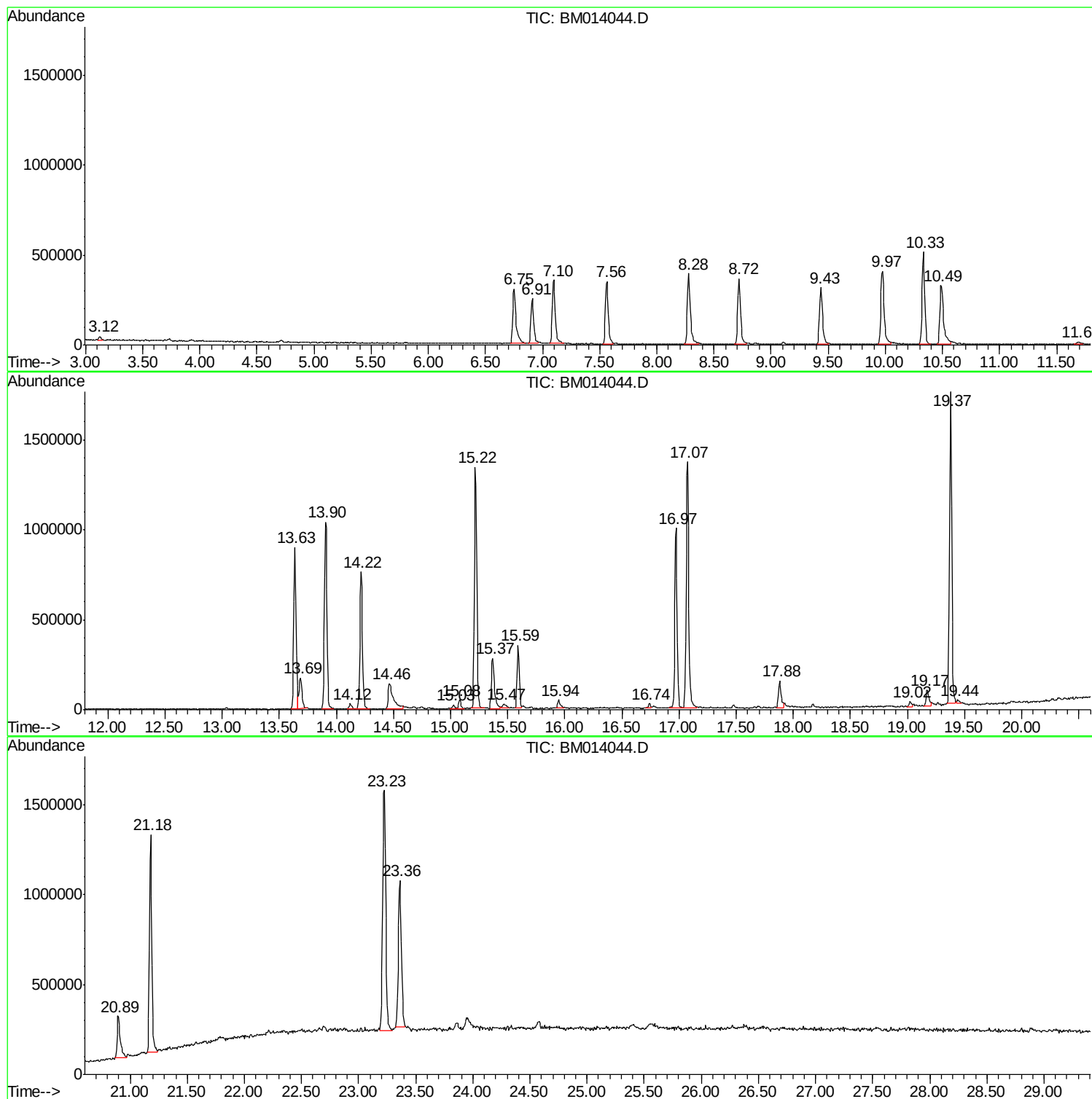
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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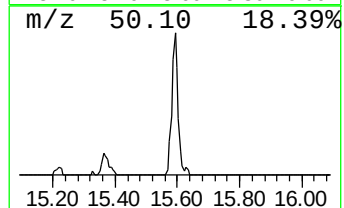
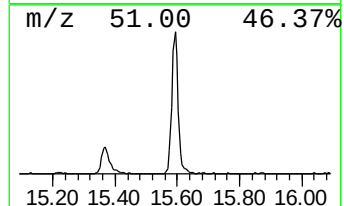
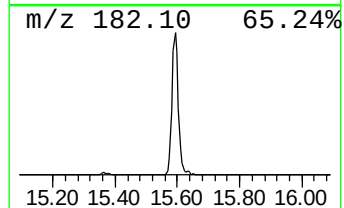
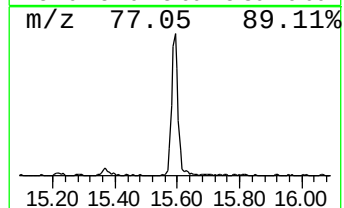
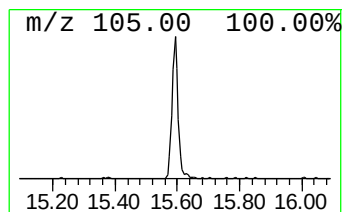
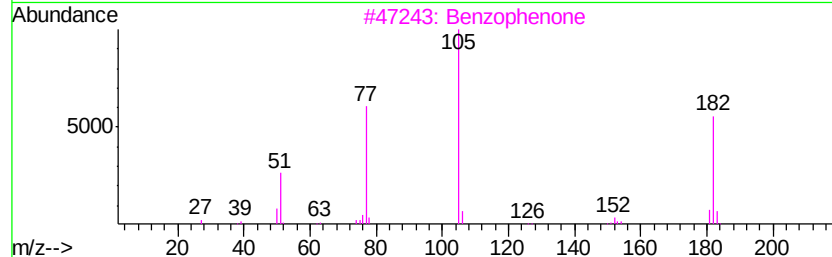
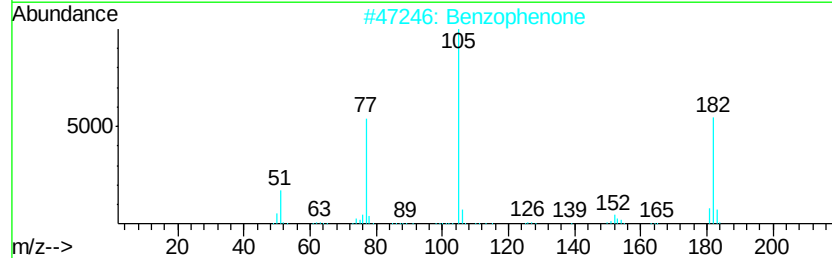
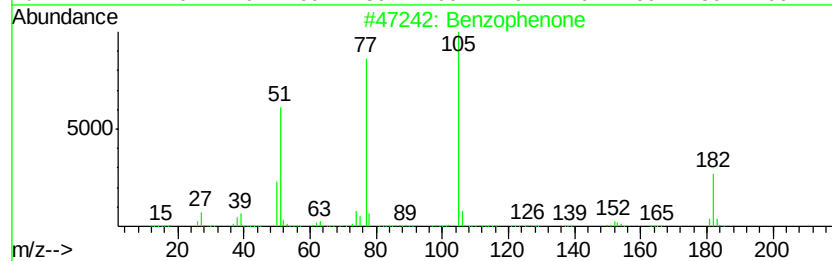
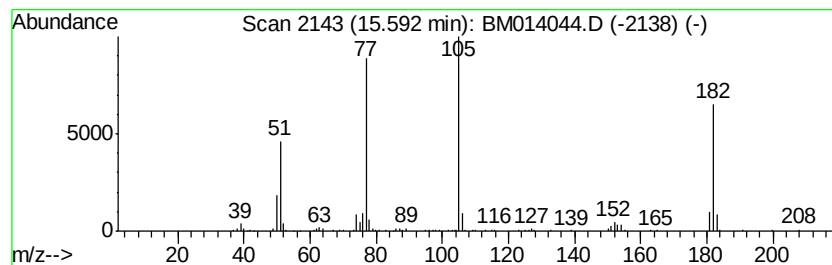
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Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	8.10 ng/ul	486371	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzophenone	182 C13H10O	000119-61-9	95
2	Benzophenone	182 C13H10O	000119-61-9	94
3	Benzophenone	182 C13H10O	000119-61-9	93
4	Benzophenone	182 C13H10O	000119-61-9	93
5	Benzophenone	182 C13H10O	000119-61-9	91



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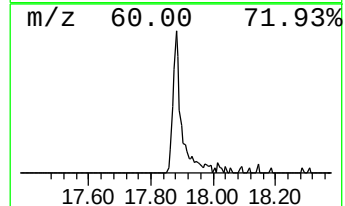
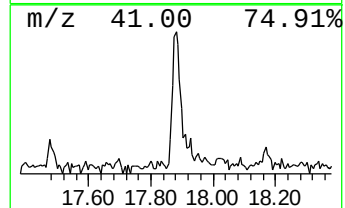
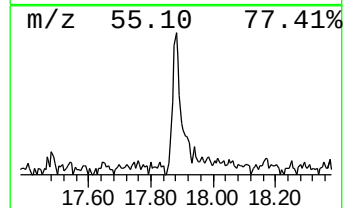
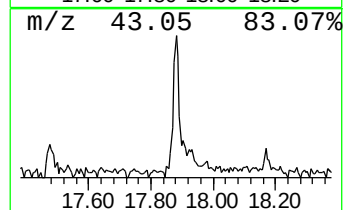
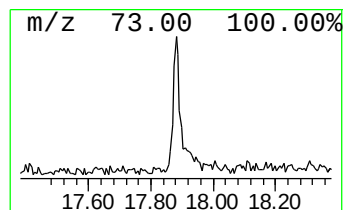
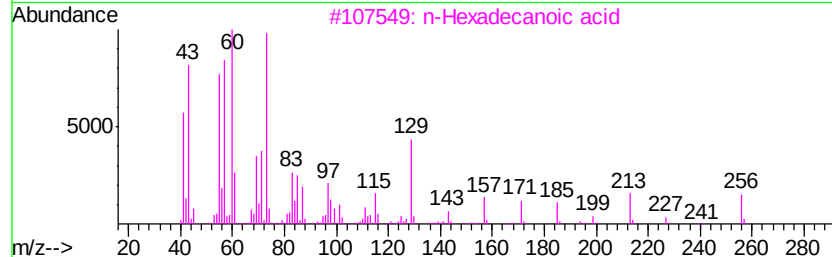
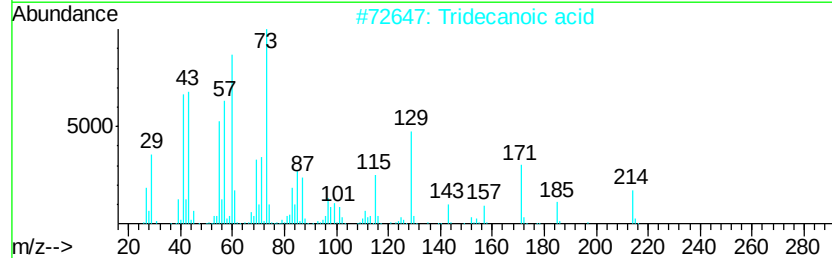
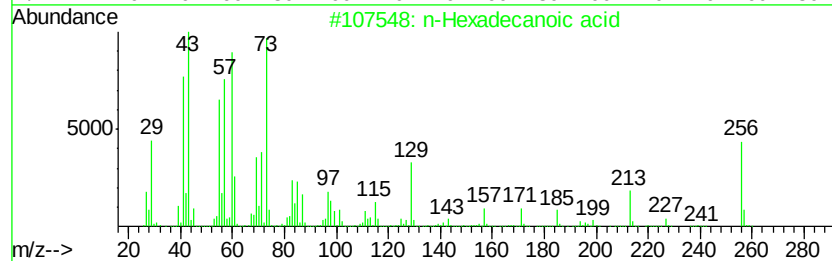
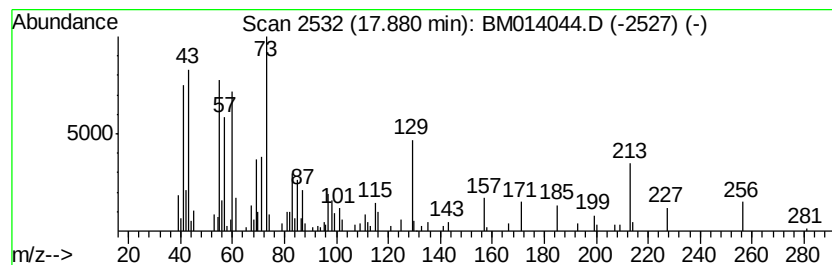
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.88	3.43 ng/ul	250854	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	72
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4		Tridecanoic acid	214	C13H26O2	000638-53-9	58
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	25



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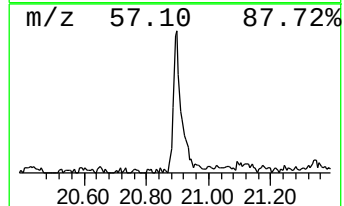
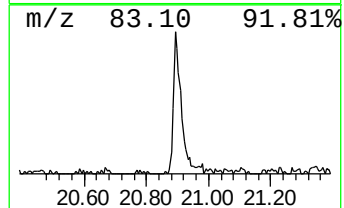
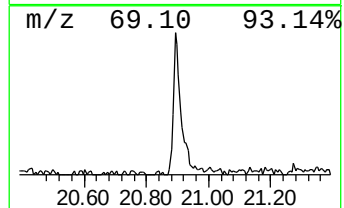
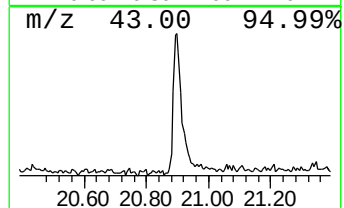
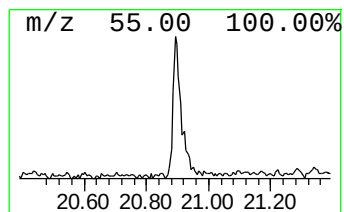
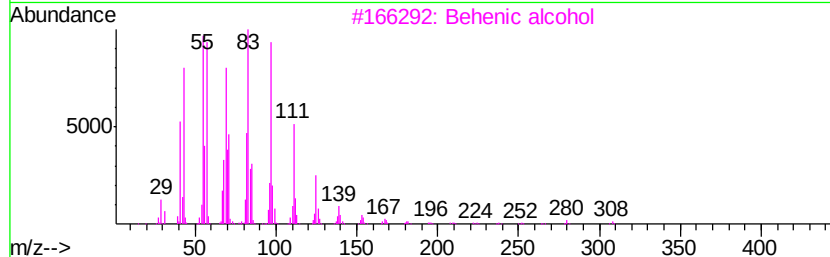
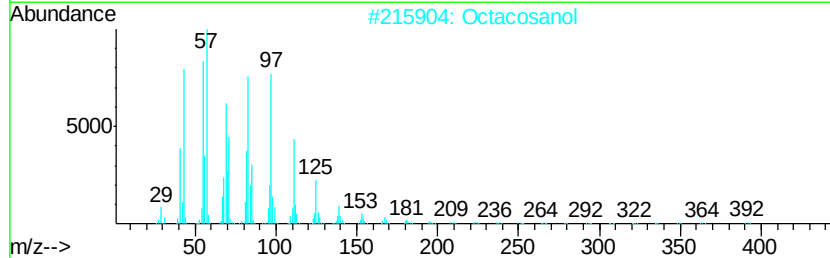
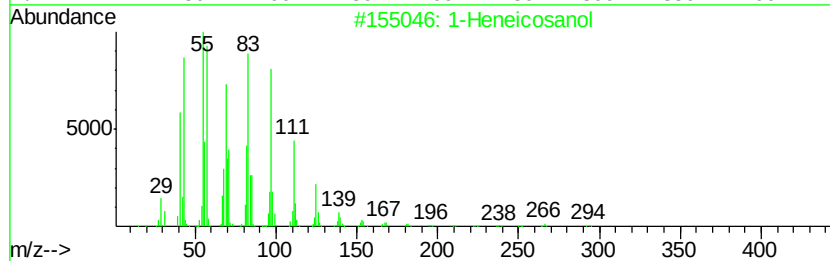
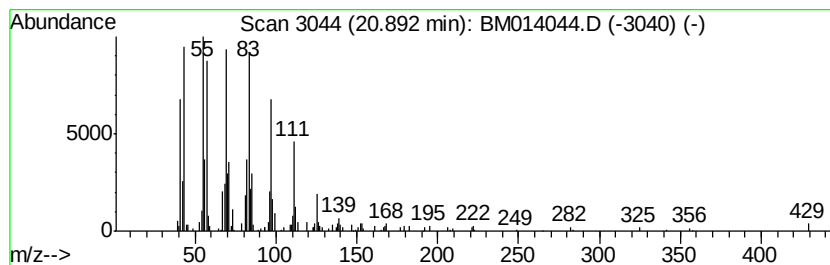
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Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.89	5.23 ng/ul	446837	Chrysene-d12	21.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	92
2	Octacosanol	410	C28H58O	000557-61-9	90
3	Behenic alcohol	326	C22H46O	000661-19-8	89
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	89
5	2- Bromopropionic acid, hexadecy...	376	C19H37BrO2	063966-83-6	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.59	8.1	ng/ul	486371	3	14.22	1200960	20.0
n-Hexadecanoic acid	17.88	3.4	ng/ul	250854	4	16.97	1463750	20.0
1-Heneicosanol	20.89	5.2	ng/ul	446837	5	21.18	1707760	20.0