

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007051.D
 Acq On : 12 Aug 2016 20:41
 Operator : UM/SJ
 Sample : H4389-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS004-2430-01

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\SOM02.2-EPA-BM081116.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	2.869	43	48	55	rVB	120941	178459	2.20%	0.218%
2	3.328	122	126	132	rBV	58722	89615	1.11%	0.110%
3	6.975	739	746	759	rBV	1193986	1920269	23.69%	2.348%
4	7.145	765	775	785	rBV	883424	1389409	17.14%	1.699%
5	7.345	802	809	822	rBV	1247323	1983167	24.47%	2.425%
6	7.810	881	888	898	rBV	783300	1297930	16.01%	1.587%
7	8.504	998	1006	1018	rBV	1391841	2301393	28.40%	2.814%
8	8.963	1076	1084	1094	rBV	1115973	1840818	22.71%	2.251%
9	9.680	1196	1206	1215	rBV	928029	1550354	19.13%	1.896%
10	10.216	1290	1297	1305	rBV	1497804	2480027	30.60%	3.032%
11	10.598	1354	1362	1370	rBV	1076369	1806896	22.29%	2.209%
12	10.733	1375	1385	1400	rBV	1350914	2334977	28.81%	2.855%
13	13.851	1909	1915	1920	rBV	2564467	3705622	45.72%	4.531%
14	13.898	1920	1923	1935	rVB	1060233	1424765	17.58%	1.742%
15	14.133	1953	1963	1971	rBV	2825353	4314276	53.23%	5.275%
16	14.445	2008	2016	2024	rBV2	1590672	2499048	30.83%	3.056%
17	14.627	2041	2047	2056	rBV	1165856	1736373	21.42%	2.123%
18	15.186	2137	2142	2148	rBV	150388	197074	2.43%	0.241%
19	15.298	2156	2161	2167	rVB2	78984	117191	1.45%	0.143%
20	15.433	2176	2184	2192	rBV	3662497	5435429	67.07%	6.646%
21	15.551	2198	2204	2219	rBV	961656	1406203	17.35%	1.719%
22	15.680	2221	2226	2229	rBV2	48267	87364	1.08%	0.107%
23	16.162	2304	2308	2311	rBV	141727	186206	2.30%	0.228%
24	16.956	2438	2443	2447	rBV2	69681	100227	1.24%	0.123%
25	17.186	2473	2482	2492	rBV2	2124229	3142955	38.78%	3.843%
26	17.286	2492	2499	2510	rVV	4146514	6018878	74.26%	7.359%
27	17.574	2542	2548	2557	rVB4	65980	100298	1.24%	0.123%
28	18.080	2629	2634	2645	rBV	412473	616732	7.61%	0.754%
29	19.209	2822	2826	2829	rBV2	68755	94192	1.16%	0.115%
30	19.362	2848	2852	2859	rBV	207697	289461	3.57%	0.354%
31	19.574	2882	2888	2894	rBV	5260980	7386689	91.14%	9.031%
32	19.621	2894	2896	2902	rVB2	77073	99421	1.23%	0.122%
33	20.109	2973	2979	2986	rBV5	70379	131309	1.62%	0.161%
34	21.080	3140	3144	3152	rBV	707910	906080	11.18%	1.108%

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35	21.150	3153	3156	3160	rVB	94561	127465	1.57%	0.156%
36	21.362	3187	3192	3197	rBV	3241906	4313105	53.22%	5.274%
37	22.962	3461	3464	3468	rVB2	93760	121724	1.50%	0.149%
38	23.497	3547	3555	3561	rBV2	4203564	8104616	100.00%	9.909%
39	23.638	3572	3579	3589	rVB2	2219087	4360155	53.80%	5.331%
40	24.209	3672	3676	3682	rVB3	152816	267095	3.30%	0.327%
41	24.956	3795	3803	3815	rBV3	2141887	5324932	65.70%	6.511%

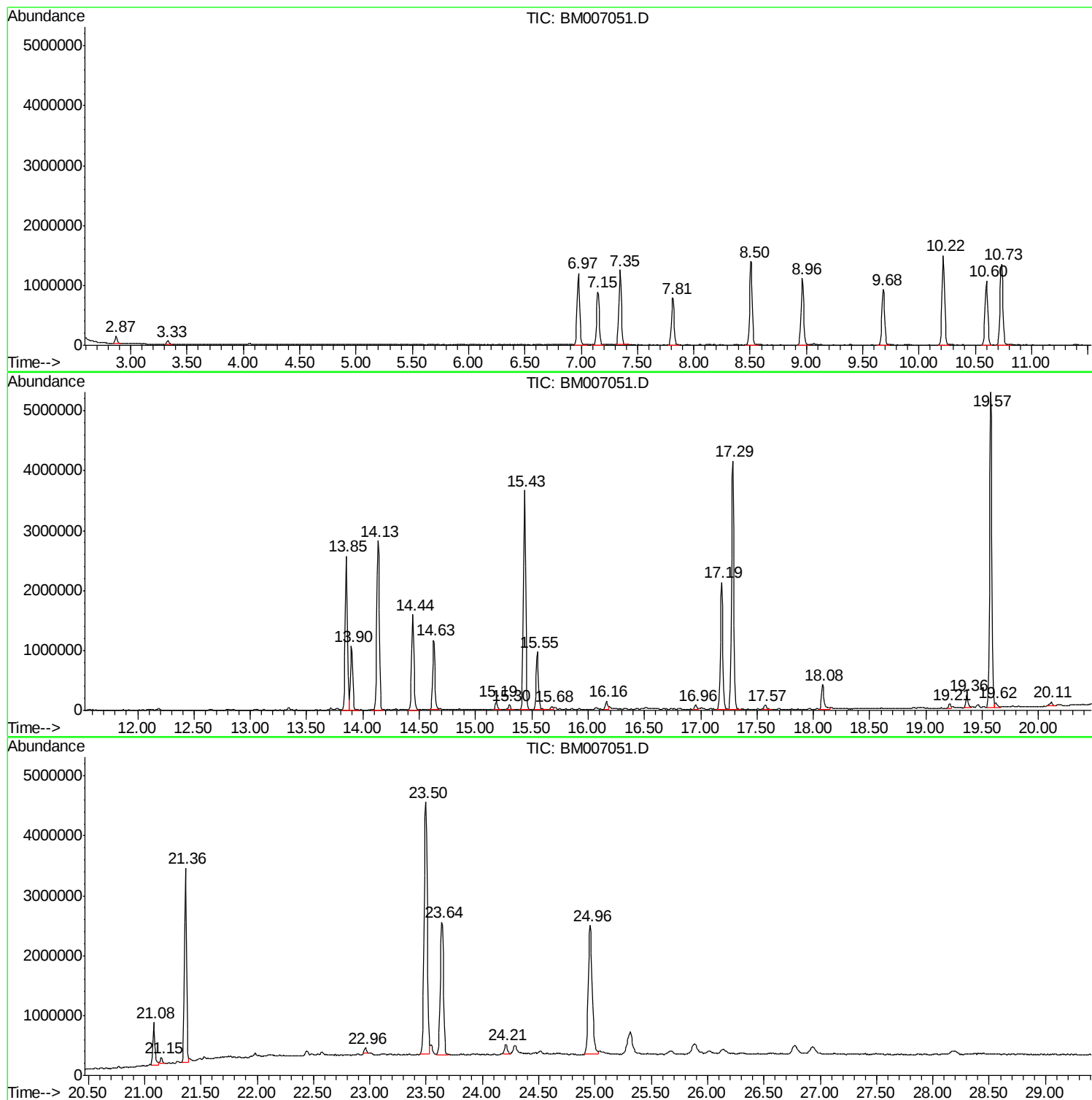
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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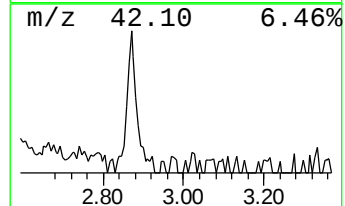
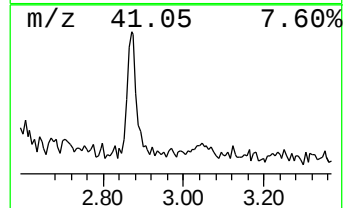
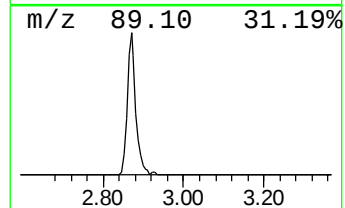
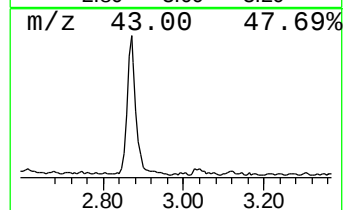
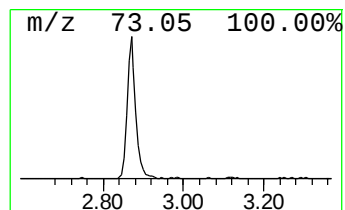
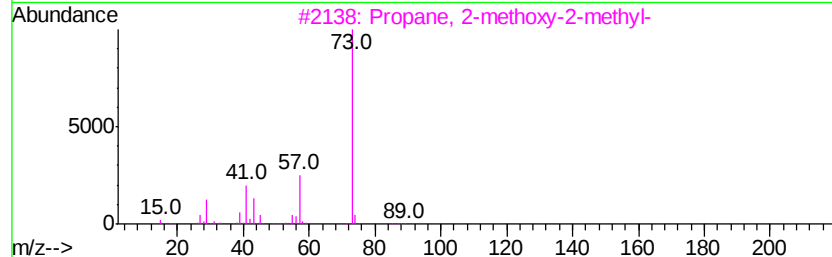
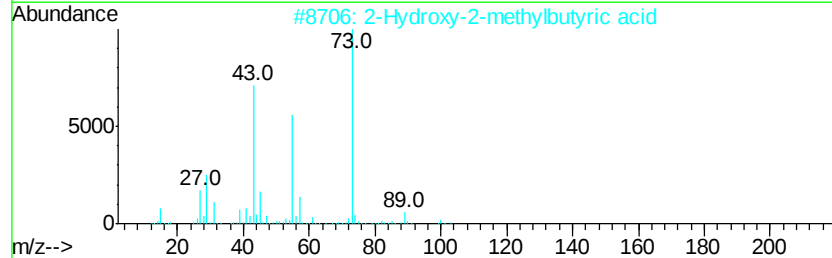
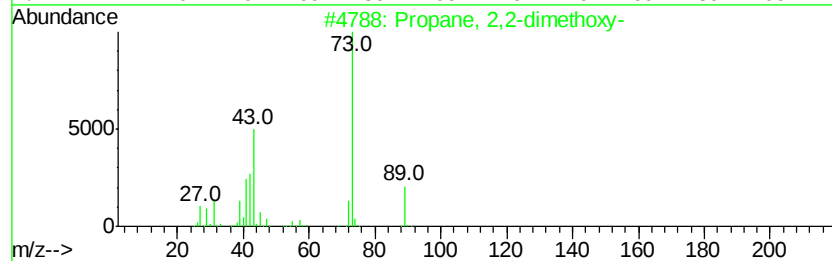
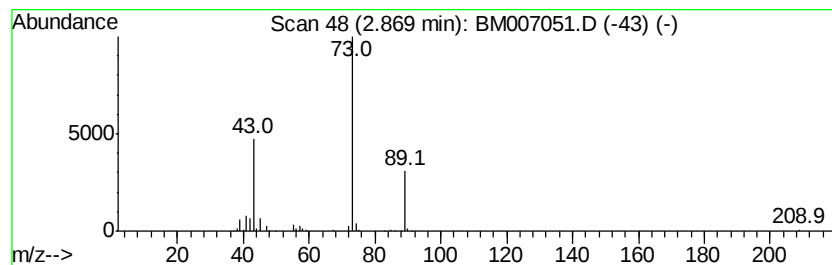
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.87	2.75 ng/ul	178459	1,4-Dichlorobenzene-d4	7.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	36
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	23
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Glycine, N-acetyl-	117	C4H7NO3	000543-24-8	9



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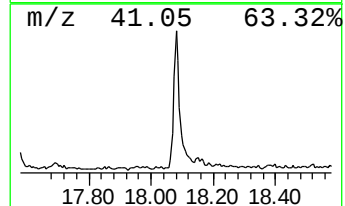
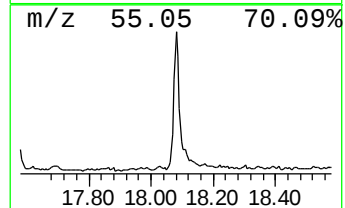
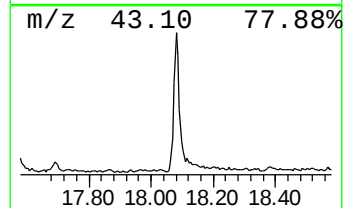
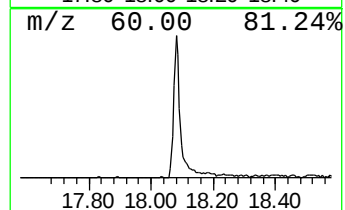
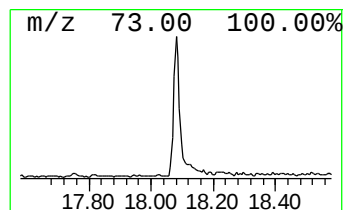
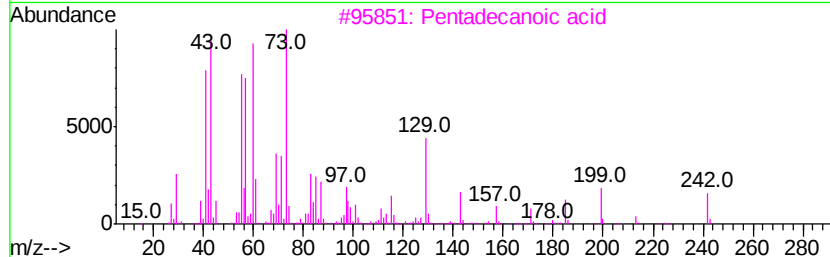
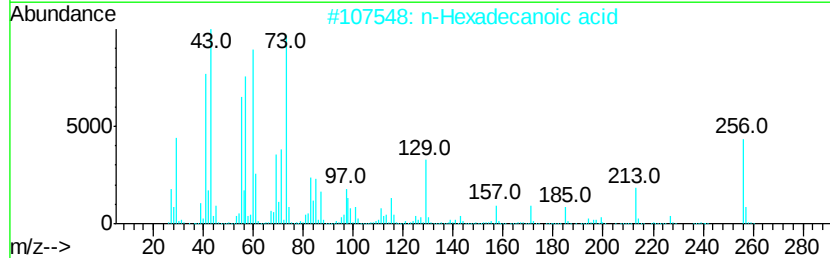
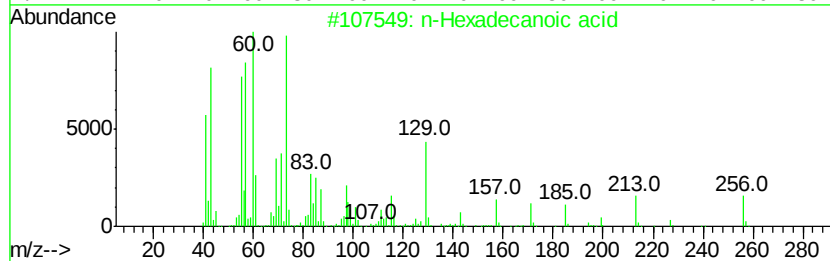
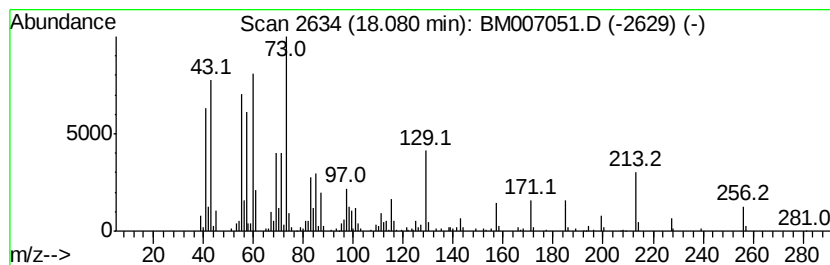
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.92 ng/ul	616732	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		Tridecanoic acid	214	C13H26O2	000638-53-9	86



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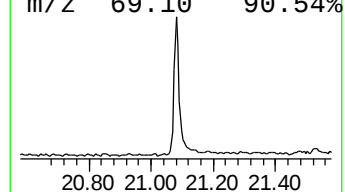
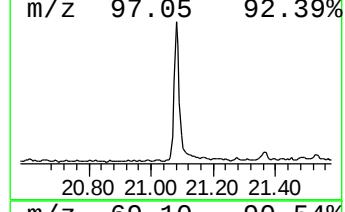
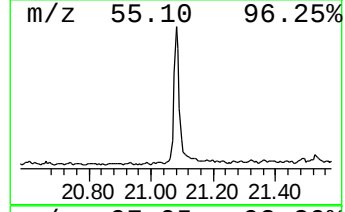
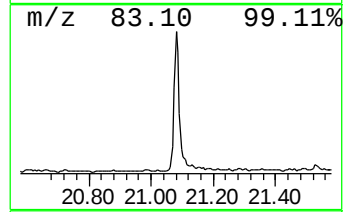
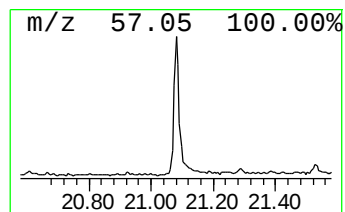
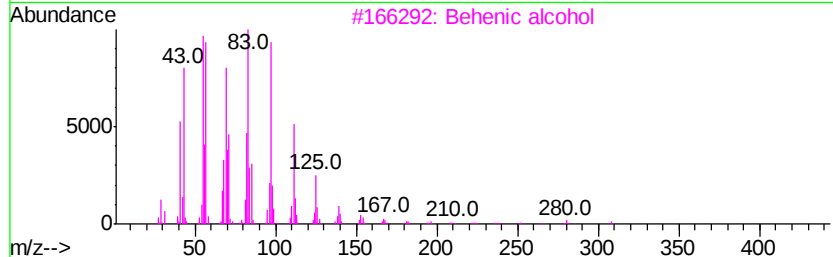
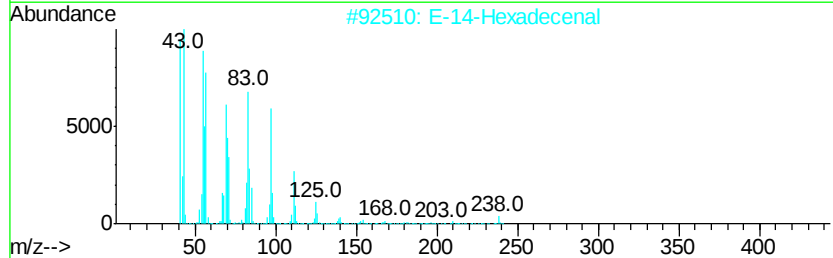
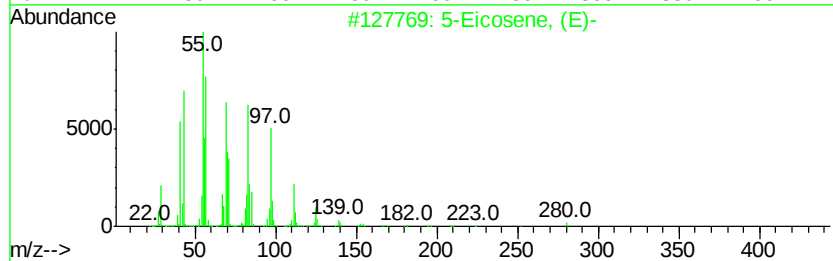
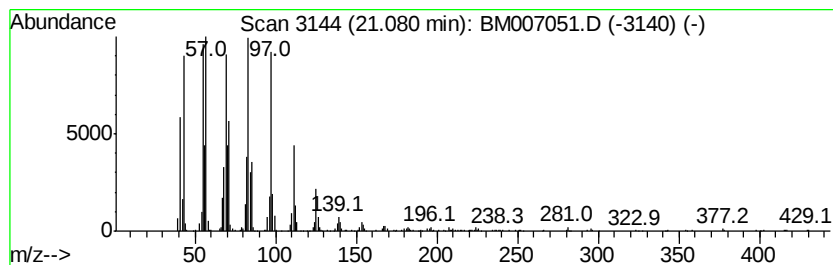
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Peak Number 3 (DEL) Alkane: Cyclic21.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.08	4.20 ng/ul	906080	Chrysene-d12	21.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94



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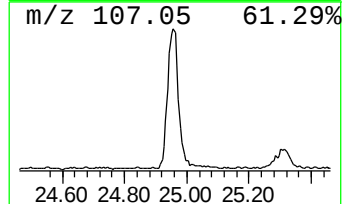
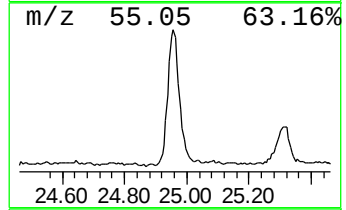
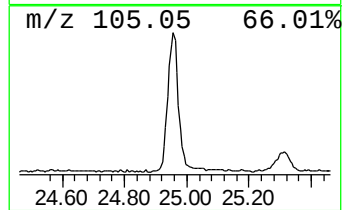
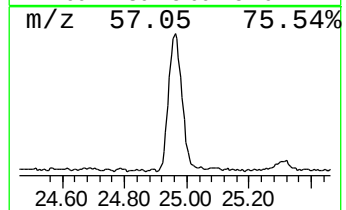
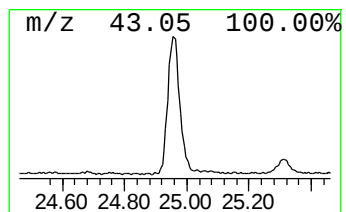
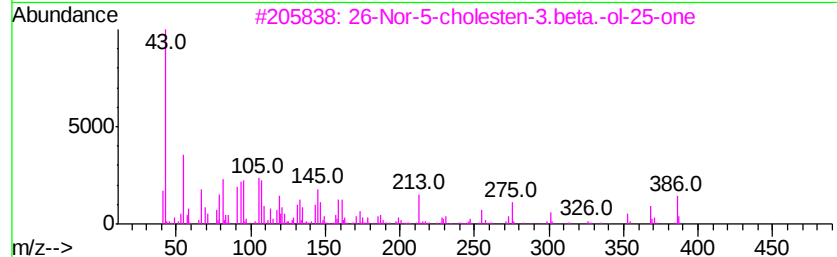
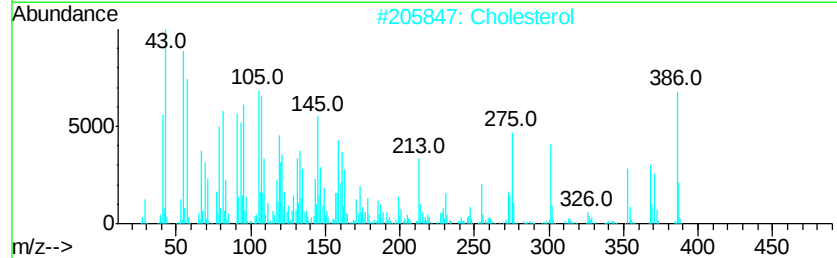
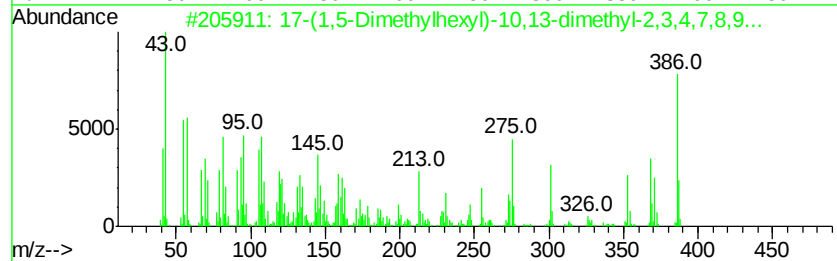
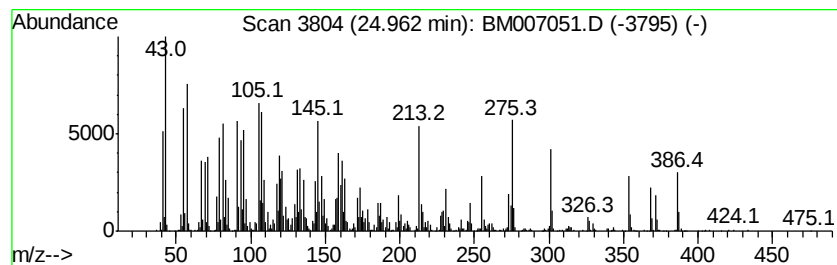
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Peak Number 4 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	24.43 ng/ul	5324930	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2		Cholesterol	386	C27H46O	000057-88-5	99
3		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
4		Cholesterol	386	C27H46O	000057-88-5	95
5		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.87	2.8	ng/ul	178459	1	7.82	1297930	20.0
n-Hexadecanoic acid	18.08	3.9	ng/ul	616732	4	17.19	3142960	20.0
(DEL) Alkane: Cyc...	21.08	4.2	ng/ul	906080	5	21.36	4313110	20.0
17-(1,5-Dimethylh...	24.96	24.4	ng/ul	5324930	6	23.64	4360160	20.0