

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
 Data File : BM013534.D
 Acq On : 26 Dec 2017 14:51
 Operator : SJ/JU
 Sample : I7046-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FL4

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-BM113017.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	3.222	20	23	29	rVB4	38084	49701	1.24%	0.099%
2	6.851	633	640	654	rVB2	775685	1503637	37.57%	2.981%
3	7.010	661	667	675	rVB	603807	925088	23.12%	1.834%
4	7.204	694	700	708	rBV	806860	1290854	32.26%	2.559%
5	7.669	772	779	789	rBV	780252	1234602	30.85%	2.447%
6	8.375	891	899	909	rBV2	1051814	1735112	43.36%	3.440%
7	8.822	968	975	982	rBV	872535	1409141	35.21%	2.793%
8	9.539	1089	1097	1108	rBV	722580	1200357	29.99%	2.379%
9	10.075	1181	1188	1204	rBV	1029408	1843701	46.07%	3.655%
10	10.445	1244	1251	1260	rBV	1113053	1786753	44.65%	3.542%
11	10.592	1269	1276	1289	rBV2	527428	956618	23.90%	1.896%
12	13.133	1701	1708	1715	rVB2	53775	77284	1.93%	0.153%
13	13.727	1802	1809	1813	rBV	2072308	2800384	69.97%	5.551%
14	13.774	1813	1817	1825	rVB	741203	1043385	26.07%	2.068%
15	14.004	1847	1856	1866	rBV	2215936	3290915	82.23%	6.524%
16	14.215	1886	1892	1899	rBV	151309	195688	4.89%	0.388%
17	14.310	1899	1908	1917	rVB2	1546965	2410420	60.23%	4.778%
18	14.533	1938	1946	1963	rBV	527015	1022981	25.56%	2.028%
19	14.839	1993	1998	2005	rVB7	33002	55759	1.39%	0.111%
20	15.174	2049	2055	2059	rBV	143814	186375	4.66%	0.369%
21	15.309	2071	2078	2086	rVB	2769253	3852673	96.27%	7.637%
22	15.445	2095	2101	2112	rBV	590729	913089	22.82%	1.810%
23	15.551	2115	2119	2122	rBV5	41389	62897	1.57%	0.125%
24	16.033	2196	2201	2213	rBV2	126500	214361	5.36%	0.425%
25	16.827	2331	2336	2341	rBV2	59598	90512	2.26%	0.179%
26	17.062	2368	2376	2385	rBV2	1883727	2674319	66.82%	5.301%
27	17.162	2385	2393	2403	rVB	2790547	3954559	98.81%	7.839%
28	17.968	2525	2530	2540	rBV	358971	573913	14.34%	1.138%
29	19.103	2718	2723	2725	rBV3	32705	47535	1.19%	0.094%
30	19.250	2743	2748	2756	rBV3	213609	314417	7.86%	0.623%
31	19.345	2761	2764	2771	rVV2	34700	60205	1.50%	0.119%
32	19.397	2771	2773	2778	rVV5	35845	43965	1.10%	0.087%
33	19.462	2778	2784	2790	rVV	2942801	4002016	100.00%	7.933%
34	19.515	2790	2793	2798	rVB6	40878	55337	1.38%	0.110%

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35	20.968	3036	3040	3053	rBV	540460	832388	20.80%	1.650%
36	21.174	3071	3075	3080	rBV	111535	129918	3.25%	0.258%
37	21.256	3084	3089	3096	rVV	1763386	2298708	57.44%	4.557%
38	21.368	3105	3108	3111	rBV3	58899	70259	1.76%	0.139%
39	23.338	3436	3443	3452	rVB2	1728929	3289970	82.21%	6.522%
40	23.474	3460	3466	3475	rVB2	1008963	1946747	48.64%	3.859%

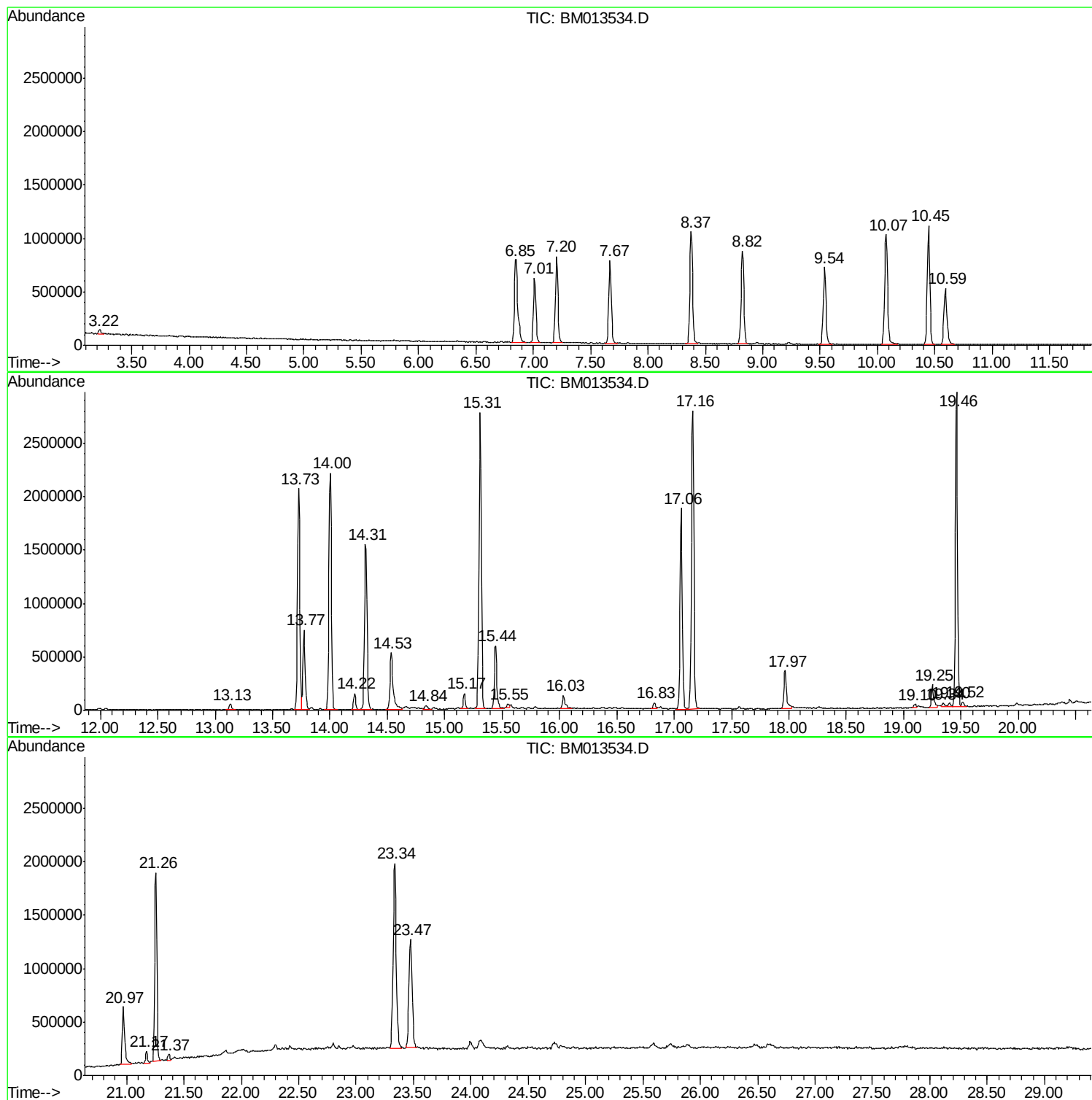
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Quant Title : SVOA CALIBRATION

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



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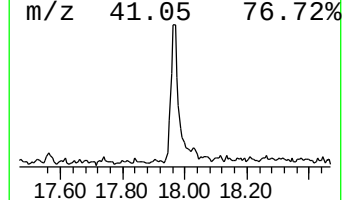
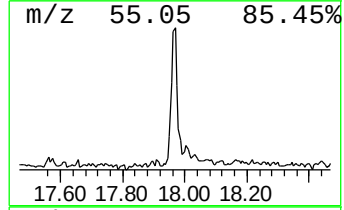
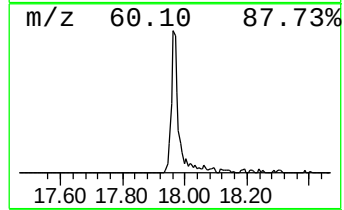
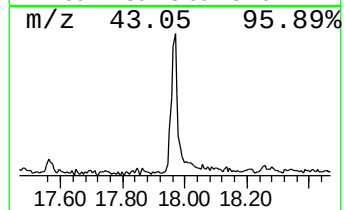
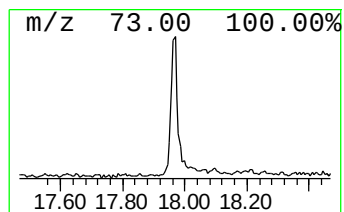
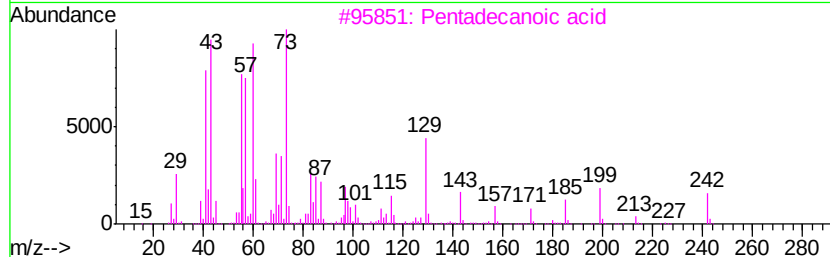
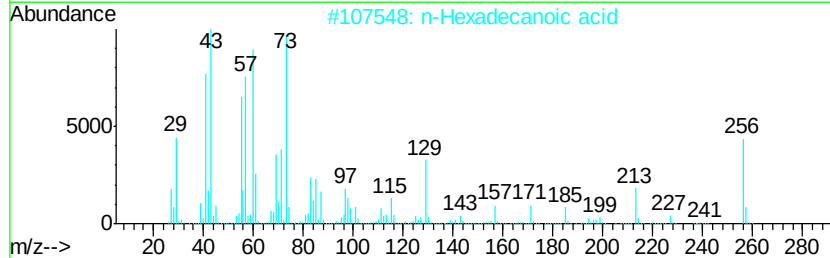
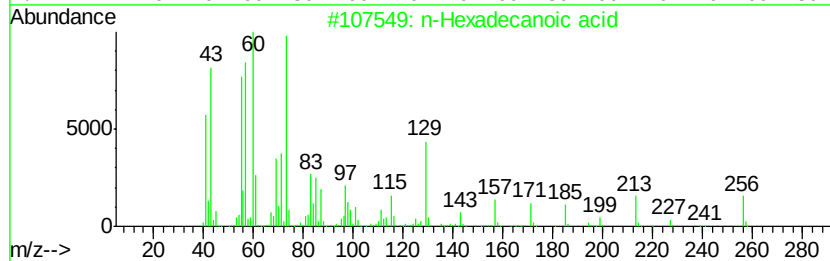
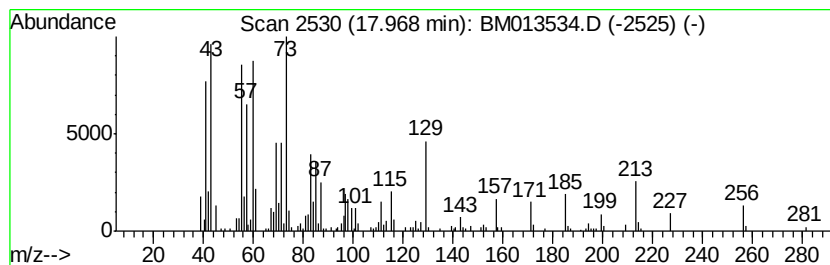
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.97	4.29 ng/ul	573913	Phenanthrene-d10	17.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



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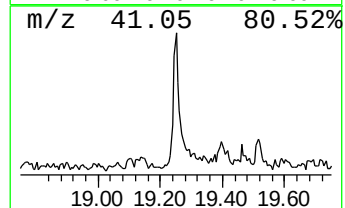
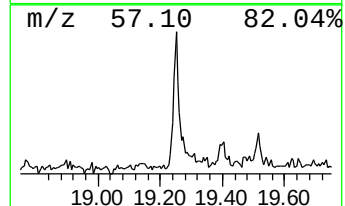
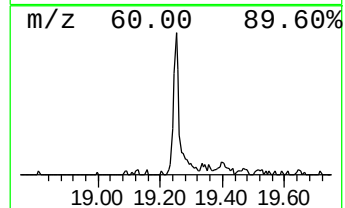
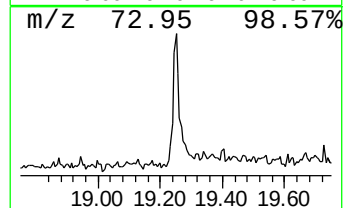
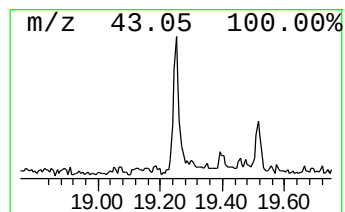
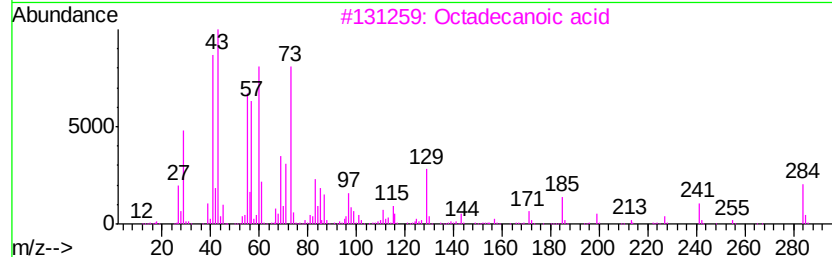
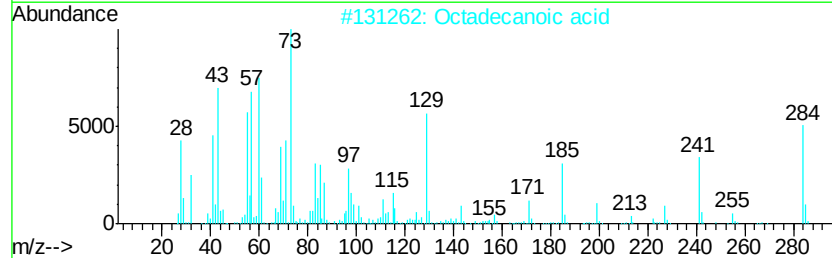
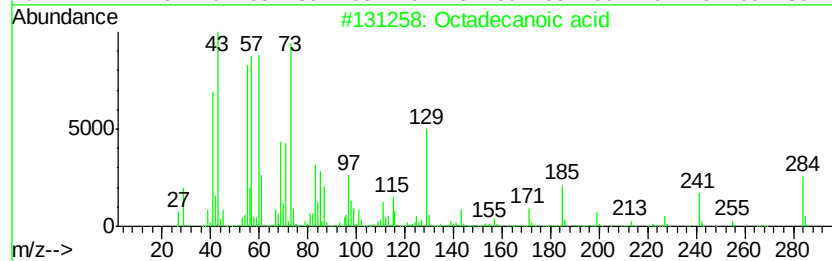
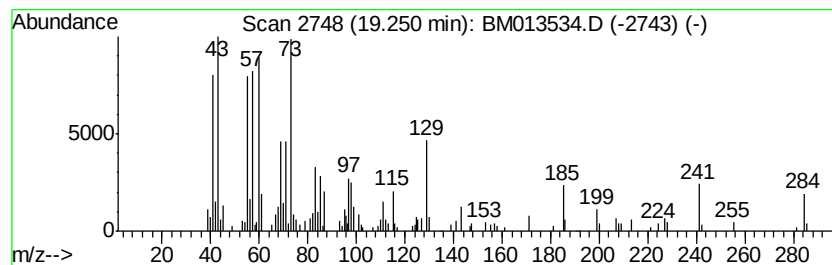
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.25	2.74 ng/ul	314417	Chrysene-d12		21.26	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5		Octadecanoic acid	284	C18H36O2	000057-11-4	93



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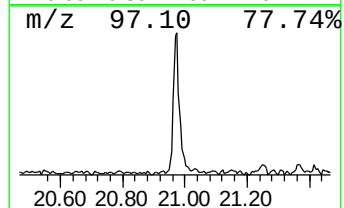
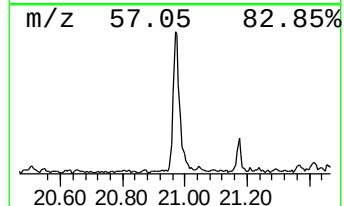
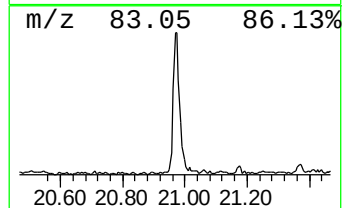
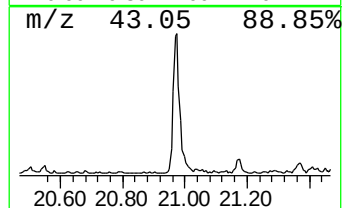
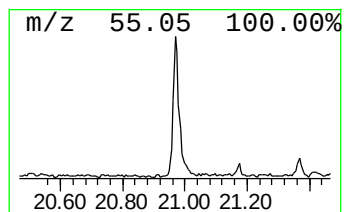
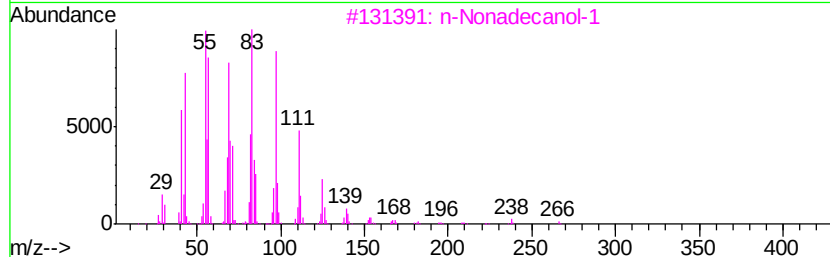
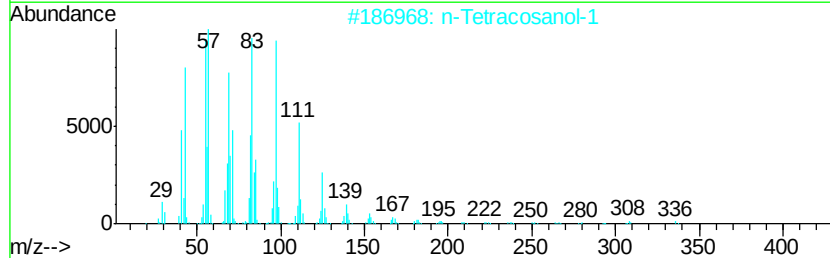
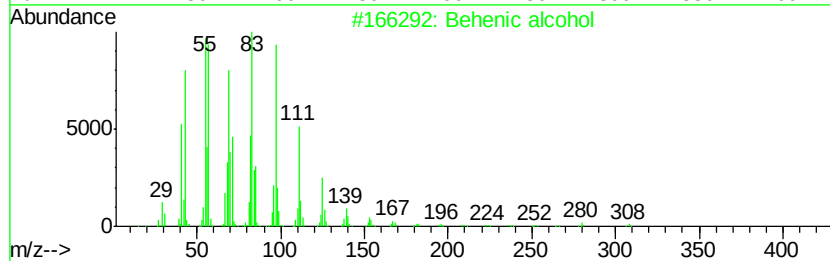
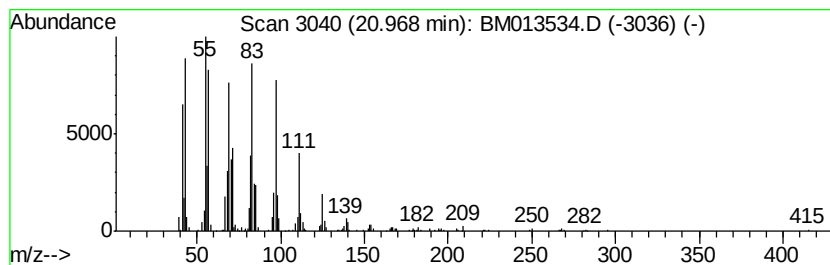
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Peak Number 3 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.97	7.24 ng/ul	832388	Chrysene-d12		21.26	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	94
5		1-Heptacosanol	396	C27H56O	002004-39-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	4.3	ng/ul	573913	4	17.06	2674320	20.0
Octadecanoic acid	19.25	2.7	ng/ul	314417	5	21.26	2298710	20.0
Behenic alcohol	20.97	7.2	ng/ul	832388	5	21.26	2298710	20.0