

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013781.D
 Acq On : 24 Jan 2018 23:01
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A71

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-BM011018.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	3.152	24	28	32	rVB	28956	36425	1.10%	0.092%
2	6.781	639	645	658	rVB2	544465	1003736	30.39%	2.548%
3	6.940	667	672	681	rBV	413620	637491	19.30%	1.619%
4	7.134	698	705	715	rBV	578544	943091	28.56%	2.394%
5	7.593	777	783	791	rBV	562383	898561	27.21%	2.281%
6	8.304	898	904	918	rBV	681073	1140401	34.53%	2.895%
7	8.751	973	980	990	rBV	542205	914294	27.69%	2.321%
8	9.469	1094	1102	1113	rBV	470224	813565	24.64%	2.066%
9	10.004	1186	1193	1205	rBV	645306	1179490	35.72%	2.995%
10	10.369	1248	1255	1260	rBV	740085	1211907	36.70%	3.077%
11	10.422	1260	1264	1272	rVB	113583	191689	5.80%	0.487%
12	10.522	1272	1281	1296	rBV	540995	1014529	30.72%	2.576%
13	12.045	1533	1540	1547	rBV2	90464	157852	4.78%	0.401%
14	12.269	1566	1578	1584	rVB3	51060	103277	3.13%	0.262%
15	13.298	1744	1753	1760	rBV6	27892	56032	1.70%	0.142%
16	13.422	1767	1774	1781	rBV7	13712	35646	1.08%	0.091%
17	13.663	1809	1815	1820	rBV	1197339	1723043	52.18%	4.375%
18	13.710	1820	1823	1830	rVB	292098	421321	12.76%	1.070%
19	13.939	1855	1862	1872	rBV	1385201	2088212	63.23%	5.302%
20	14.151	1891	1898	1904	rVB4	39525	58756	1.78%	0.149%
21	14.245	1907	1914	1922	rBV2	1004966	1565162	47.40%	3.974%
22	14.474	1948	1953	1968	rBV	412931	832336	25.20%	2.113%
23	15.110	2057	2061	2066	rVB	57854	70160	2.12%	0.178%
24	15.245	2078	2084	2091	rBV	1736449	2460717	74.51%	6.248%
25	15.386	2102	2108	2121	rBV	505241	804862	24.37%	2.043%
26	15.974	2205	2208	2215	rVB3	51345	82052	2.48%	0.208%
27	16.151	2233	2238	2242	rBV7	15834	33523	1.02%	0.085%
28	16.657	2319	2324	2332	rBV	588460	882111	26.71%	2.240%
29	16.768	2339	2343	2349	rBV5	29362	45616	1.38%	0.116%
30	17.004	2376	2383	2393	rBV2	1313964	1944173	58.87%	4.936%
31	17.098	2393	2399	2410	rVB	1916699	2701765	81.81%	6.860%
32	17.415	2446	2453	2459	rVB	73288	103154	3.12%	0.262%
33	17.909	2532	2537	2545	rBV	405049	575590	17.43%	1.461%
34	17.980	2545	2549	2553	rVB2	43411	65264	1.98%	0.166%

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35	19.045	2724	2730	2733	rBV4	64147	124001	3.75%	0.315%
36	19.074	2733	2735	2740	rVB3	69621	88420	2.68%	0.224%
37	19.198	2751	2756	2765	rBV	228275	349376	10.58%	0.887%
38	19.292	2769	2772	2778	rVB5	22567	43643	1.32%	0.111%
39	19.404	2785	2791	2798	rBV	2396835	3242263	98.18%	8.232%
40	19.462	2798	2801	2809	rVB2	61088	82699	2.50%	0.210%
41	20.921	3045	3049	3058	rVB	591739	804119	24.35%	2.042%
42	21.203	3091	3097	3103	rBV	1742880	2394705	72.52%	6.080%
43	23.256	3440	3446	3458	rVB2	1777320	3302355	100.00%	8.384%
44	23.397	3463	3470	3477	rVB	1161311	2159716	65.40%	5.483%

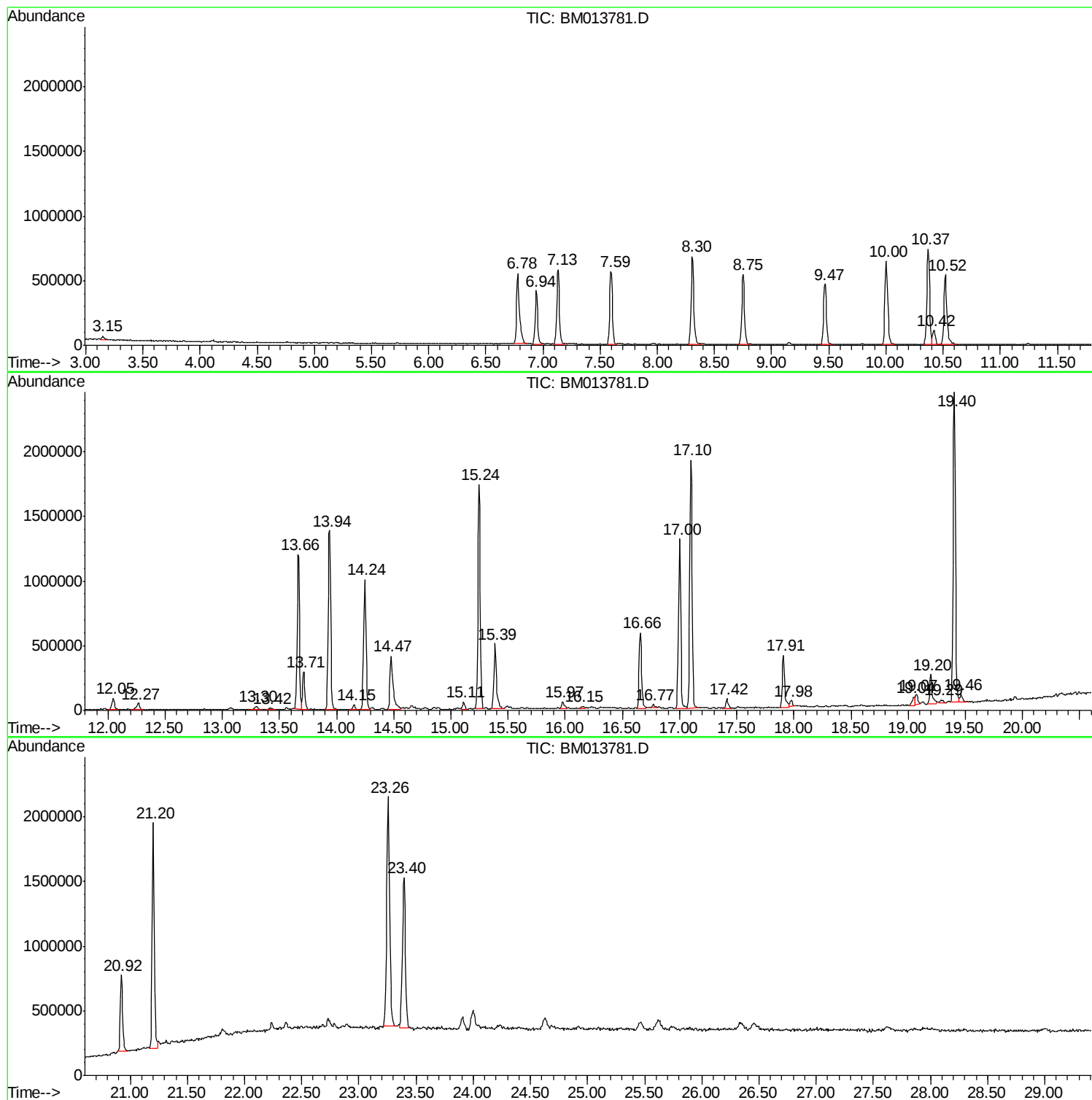
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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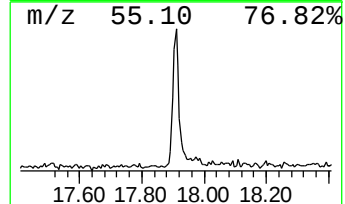
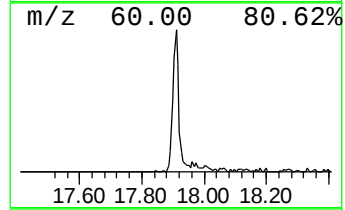
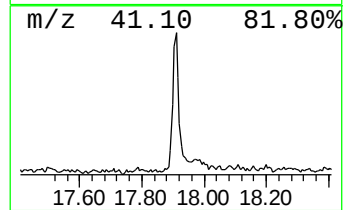
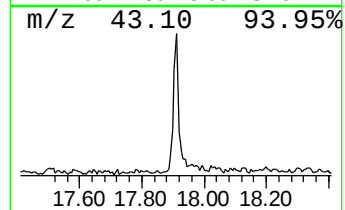
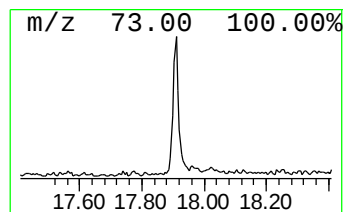
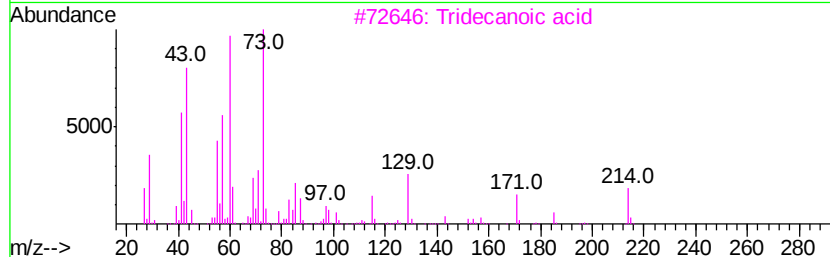
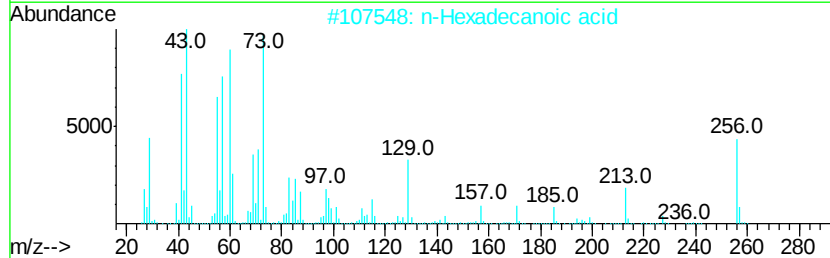
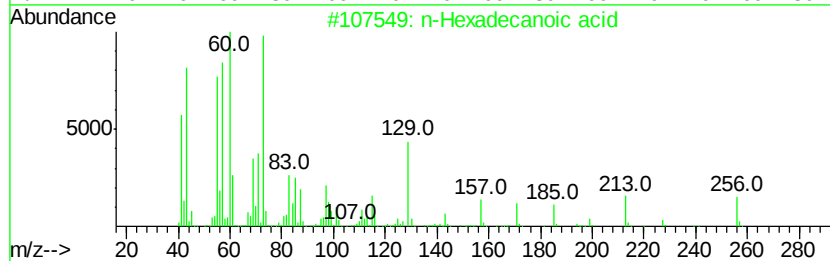
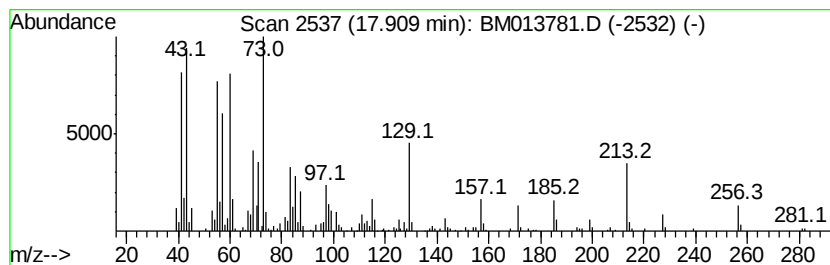
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.91	5.92 ng/ul	575590	Phenanthrene-d10	17.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		n-Decanoic acid	172	C10H20O2	000334-48-5	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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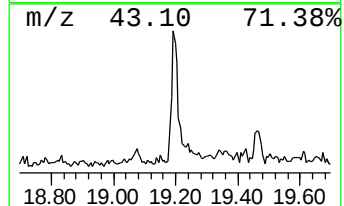
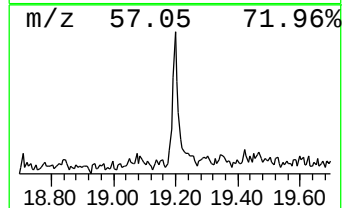
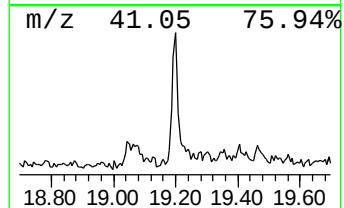
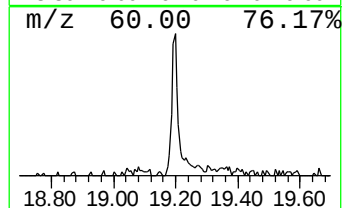
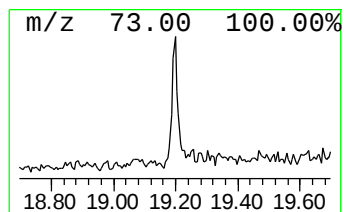
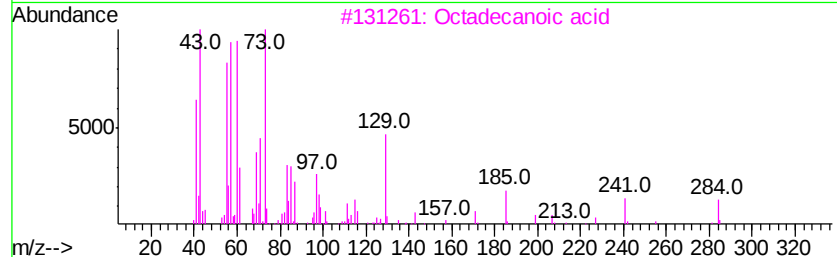
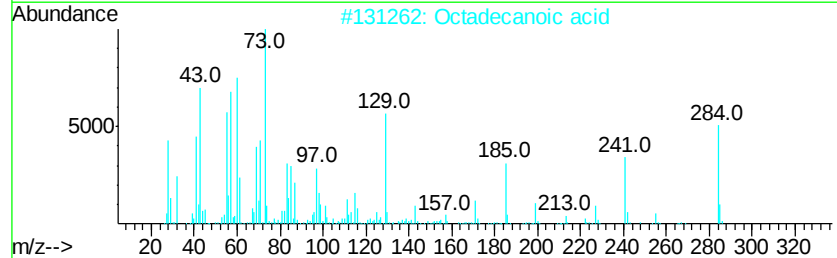
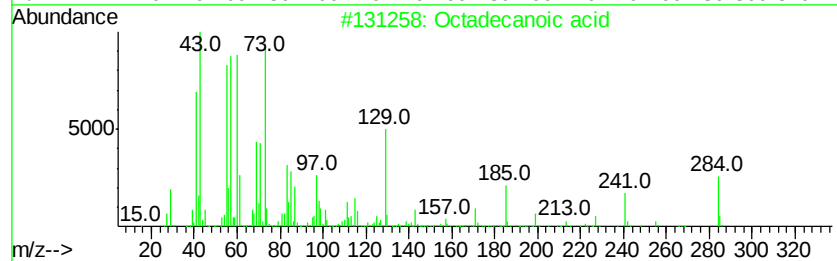
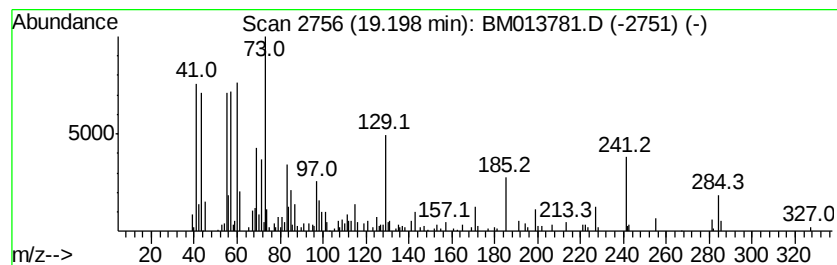
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.92 ng/ul	349376	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	97
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		n-Decanoic acid	172	C10H20O2	000334-48-5	91
5		n-Decanoic acid	172	C10H20O2	000334-48-5	90



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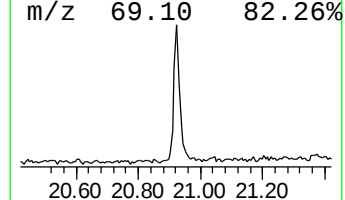
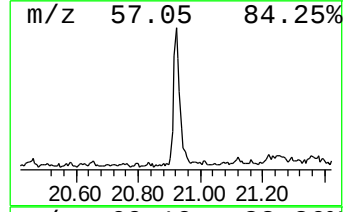
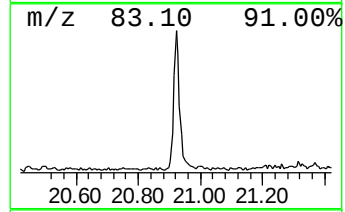
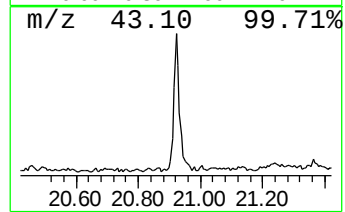
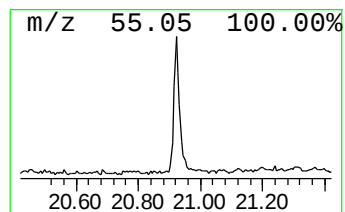
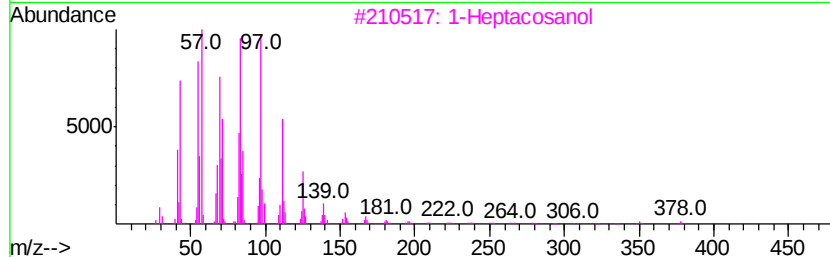
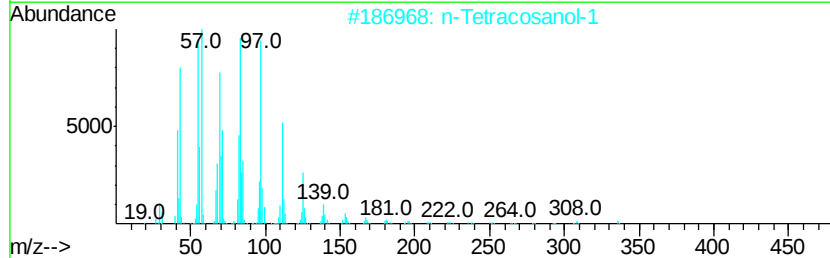
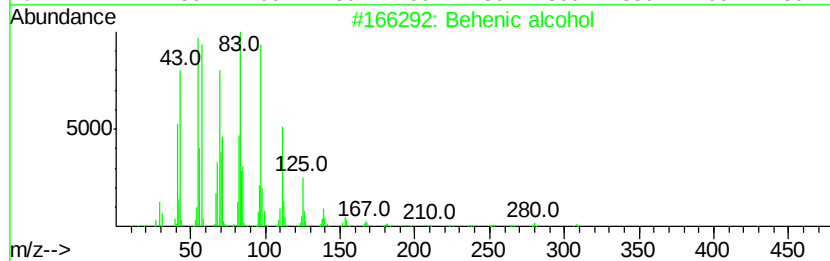
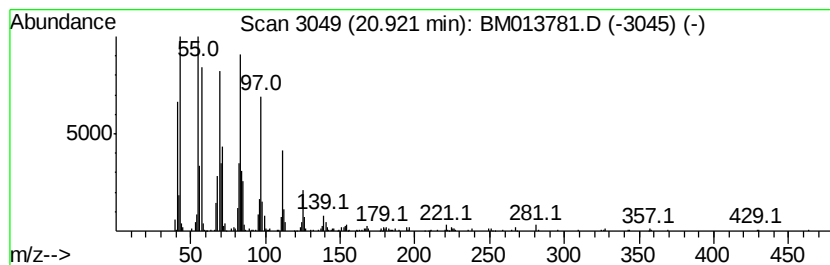
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Peak Number 3 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	6.72 ng/ul	804119	Chrysene-d12	21.20
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 95
3		1-Heptacosanol	396 C27H56O	002004-39-9 93
4		Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5 91
5		n-Nonadecanol-1	284 C19H40O	001454-84-8 90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.91	5.9	ng/ul	575590	4	17.00	1944170	20.0
Octadecanoic acid	19.20	2.9	ng/ul	349376	5	21.20	2394710	20.0
Behenic alcohol	20.92	6.7	ng/ul	804119	5	21.20	2394710	20.0