

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007050.D
 Acq On : 12 Aug 2016 20:04
 Operator : UM/SJ
 Sample : H4389-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS004-0612-01

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	44	48	58	rVB2	37378	69233	1.15%	0.106%
2	3.328	122	126	132	rVB	43818	67242	1.12%	0.103%
3	6.975	738	746	763	rVB	893726	1428521	23.75%	2.181%
4	7.145	768	775	784	rBV	644248	1038642	17.27%	1.586%
5	7.345	802	809	821	rBV	922487	1492570	24.82%	2.279%
6	7.816	882	889	897	rVB	959652	1563469	26.00%	2.388%
7	8.510	998	1007	1017	rBV	1045667	1698950	28.25%	2.594%
8	8.963	1077	1084	1094	rVB	804123	1351081	22.47%	2.063%
9	9.680	1199	1206	1217	rBV	668015	1123214	18.68%	1.715%
10	10.216	1290	1297	1306	rBV	1089238	1818089	30.23%	2.776%
11	10.598	1355	1362	1370	rBV	1218905	2068421	34.40%	3.159%
12	10.733	1376	1385	1396	rBV	943175	1611107	26.79%	2.460%
13	13.857	1909	1916	1920	rBV	1879171	2739796	45.56%	4.184%
14	13.898	1920	1923	1930	rVB	766987	1063829	17.69%	1.625%
15	14.139	1957	1964	1974	rVB	2037942	3178925	52.86%	4.854%
16	14.445	2009	2016	2024	rVB2	1756582	2727755	45.36%	4.165%
17	14.633	2041	2048	2056	rBV	802903	1256261	20.89%	1.918%
18	15.304	2158	2162	2168	rVB	51736	65206	1.08%	0.100%
19	15.439	2176	2185	2193	rBV	2828040	4103032	68.23%	6.266%
20	15.551	2198	2204	2211	rBV	725918	1017631	16.92%	1.554%
21	16.162	2304	2308	2311	rBV	97207	129008	2.15%	0.197%
22	16.956	2438	2443	2448	rBV2	52037	78620	1.31%	0.120%
23	17.186	2473	2482	2487	rBV	2394011	3447981	57.34%	5.265%
24	17.227	2487	2489	2493	rVV	61828	74012	1.23%	0.113%
25	17.286	2493	2499	2509	rVB	3115729	4462649	74.21%	6.815%
26	17.574	2540	2548	2558	rBV8	34277	68415	1.14%	0.104%
27	18.086	2627	2635	2643	rBV2	352877	581286	9.67%	0.888%
28	18.609	2718	2724	2728	rBV2	64900	89696	1.49%	0.137%
29	19.215	2822	2827	2828	rBV	51814	66519	1.11%	0.102%
30	19.245	2828	2832	2836	rVB	138415	197751	3.29%	0.302%
31	19.362	2848	2852	2861	rBV	187943	281146	4.68%	0.429%
32	19.580	2882	2889	2893	rBV	3988004	5702192	94.82%	8.708%
33	19.621	2893	2896	2903	rVB	331331	479385	7.97%	0.732%
34	20.097	2974	2977	2985	rVB5	39099	66726	1.11%	0.102%

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35	20.568	3053	3057	3062	rBV2	64265	104561	1.74%	0.160%
36	21.086	3141	3145	3151	rBV2	347225	499382	8.30%	0.763%
37	21.150	3152	3156	3162	rVB	399691	479018	7.97%	0.731%
38	21.291	3176	3180	3185	rBV	416859	462922	7.70%	0.707%
39	21.368	3187	3193	3198	rBV	3771220	4872408	81.02%	7.440%
40	22.968	3460	3465	3468	rBV2	247026	399242	6.64%	0.610%
41	23.497	3548	3555	3562	rBV2	3107141	6013721	100.00%	9.183%
42	23.644	3573	3580	3593	rVB	2458692	4839161	80.47%	7.390%
43	24.215	3672	3677	3683	rVB2	327017	606698	10.09%	0.926%

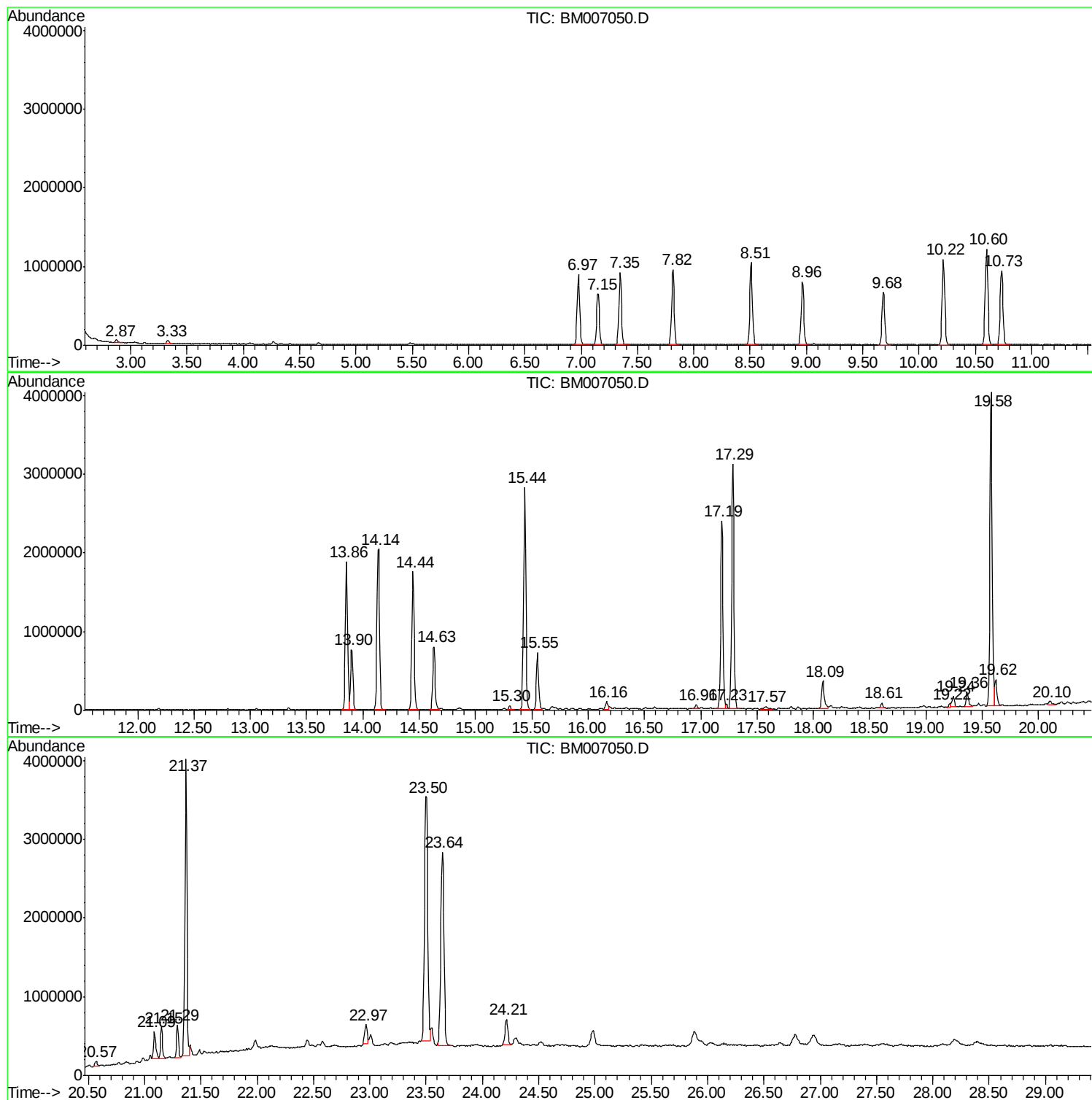
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Quant Title : SVOA CALIBRATION

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



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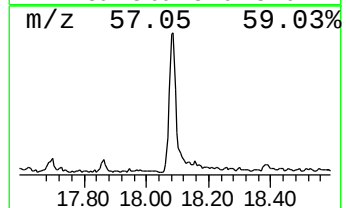
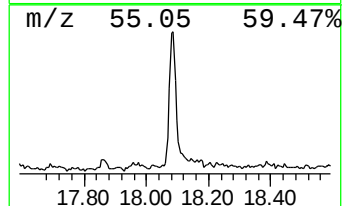
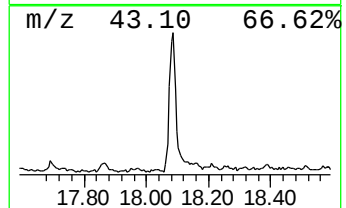
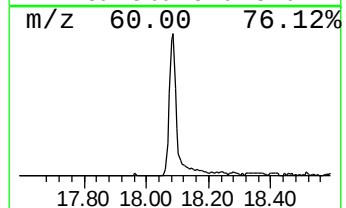
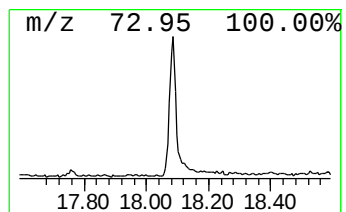
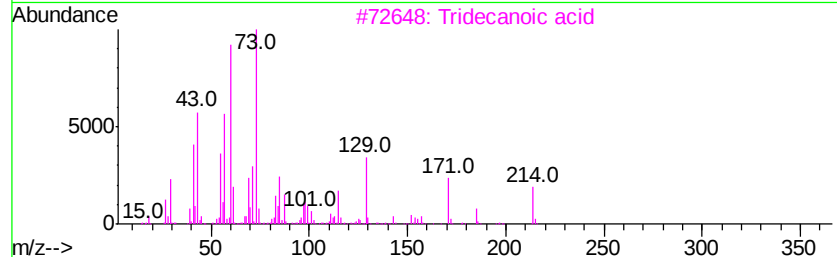
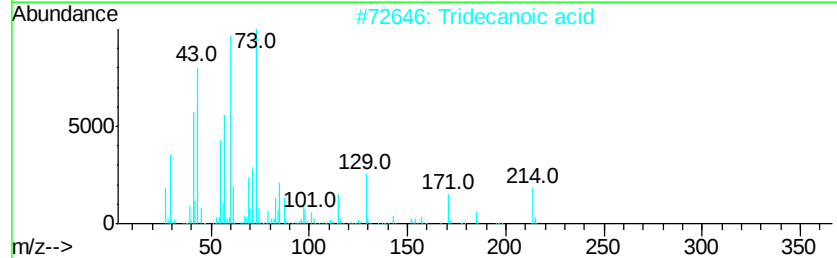
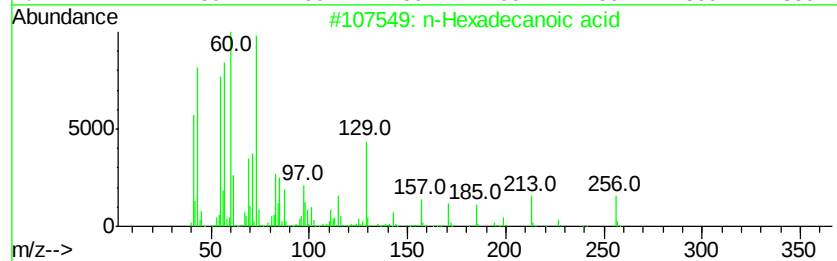
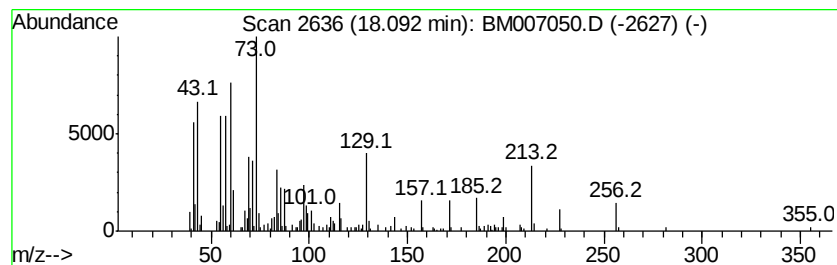
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.09	3.37 ng/ul	581286	Phenanthrene-d10		17.19	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	90
3	Tridecanoic acid		214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	81
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	68



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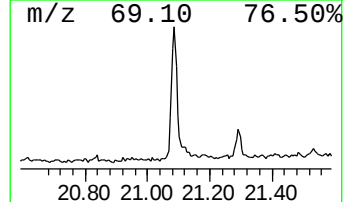
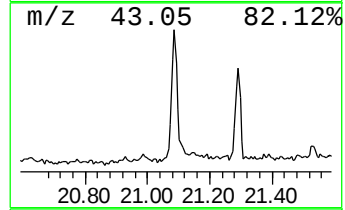
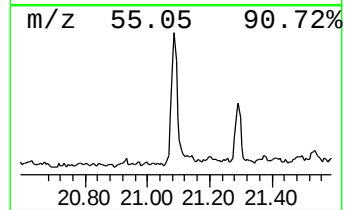
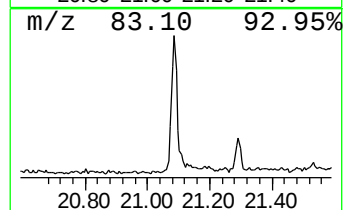
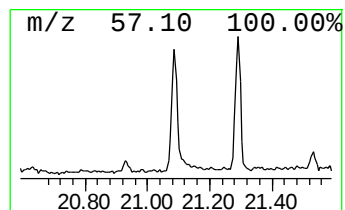
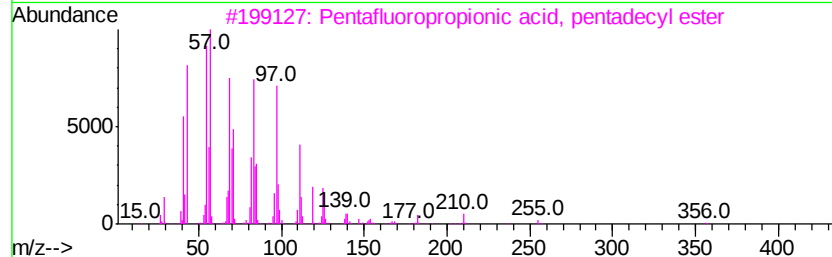
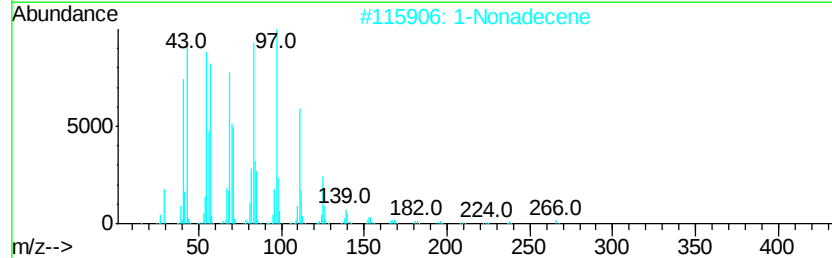
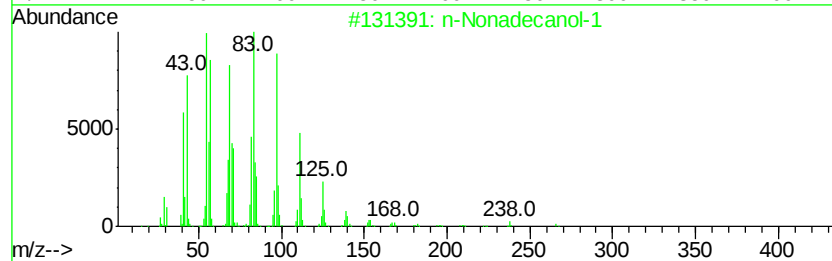
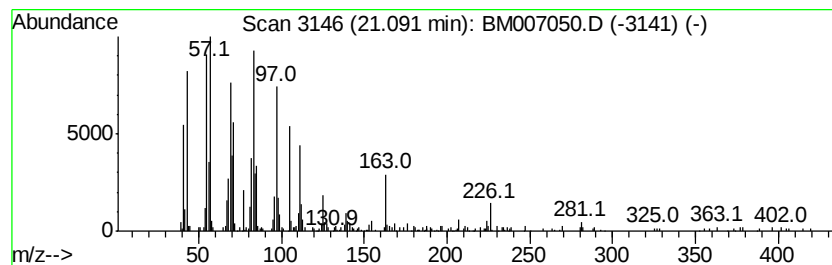
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Peak Number 2 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.05 ng/ul	499382	Chrysene-d12	21.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Nonadecanol-1	284 C19H40O	001454-84-8	95
2	1-Nonadecene	266 C19H38	018435-45-5	94
3	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	94
4	Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3	94
5	3-Eicosene, (E)-	280 C20H40	074685-33-9	93



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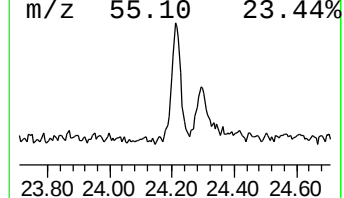
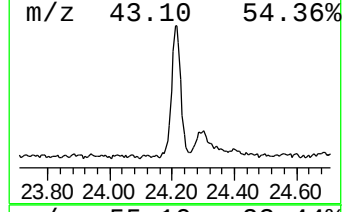
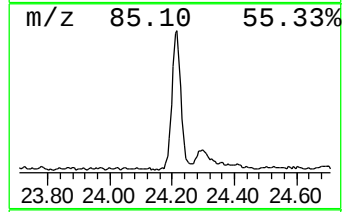
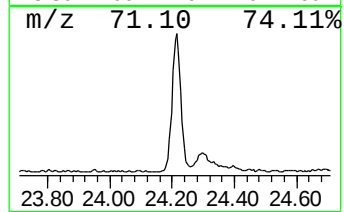
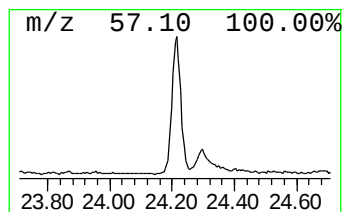
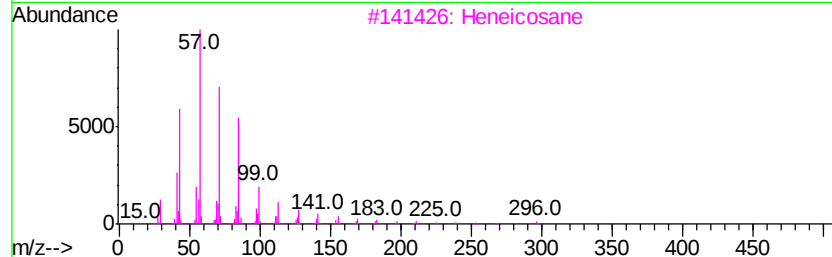
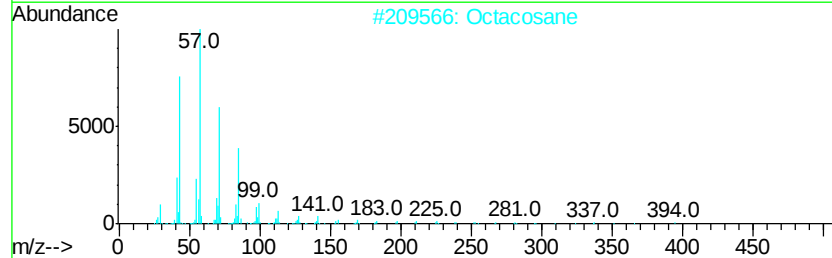
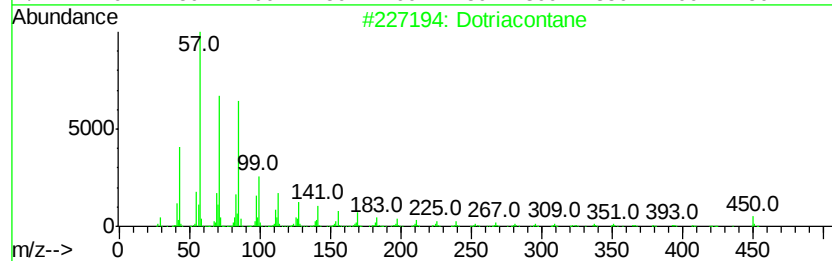
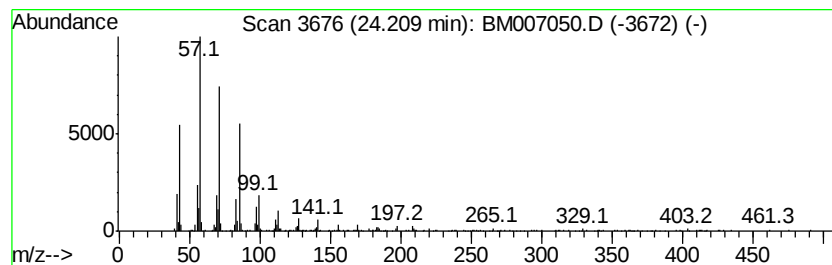
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	2.51 ng/ul	606698	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontane	451	C32H66	000544-85-4	95
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	3.4	ng/ul	581286	4	17.19	3447980	20.0
n-Nonadecanol-1	21.09	2.0	ng/ul	499382	5	21.37	4872410	20.0
(DEL) Alkane: Str...	24.21	2.5	ng/ul	606698	6	23.64	4839160	20.0