

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
 Data File : BM021589.D
 Acq On : 22 Jul 2019 19:07
 Operator : HP/JU
 Sample : K3823-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52J6

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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	6.881	658	662	672	rVB	126879	232407	3.35%	0.478%
2	7.051	686	691	701	rBV	365999	605932	8.73%	1.246%
3	7.240	718	723	734	rVB	455182	727234	10.48%	1.495%
4	7.704	797	802	810	rVB	470747	757972	10.93%	1.558%
5	8.416	917	923	933	rVB	385599	653532	9.42%	1.343%
6	8.875	994	1001	1015	rVB	538846	934503	13.47%	1.921%
7	9.587	1115	1122	1134	rVB	450679	749306	10.80%	1.540%
8	10.116	1206	1212	1232	rBV	612400	1204792	17.37%	2.477%
9	10.492	1268	1276	1287	rVB	704609	1199697	17.29%	2.466%
10	10.657	1298	1304	1318	rVB	48677	111225	1.60%	0.229%
11	12.098	1545	1549	1554	rVB4	8363	13871	0.20%	0.029%
12	13.769	1827	1833	1838	rBV	1731993	2343117	33.78%	4.817%
13	13.816	1838	1841	1850	rVB	86605	127509	1.84%	0.262%
14	14.045	1873	1880	1889	rBV	1876078	2669339	38.48%	5.487%
15	14.351	1925	1932	1940	rBV	1326592	1917993	27.65%	3.943%
16	14.586	1965	1972	1993	rBV3	60921	176297	2.54%	0.362%
17	14.792	1998	2007	2026	rBV	624861	1083141	15.61%	2.227%
18	15.110	2057	2061	2065	rVB	14284	19061	0.27%	0.039%
19	15.180	2070	2073	2078	rVB	15595	22032	0.32%	0.045%
20	15.351	2095	2102	2115	rVV	2489905	3586447	51.70%	7.373%
21	15.486	2119	2125	2139	rVV	693101	980482	14.13%	2.016%
22	15.592	2139	2143	2147	rVB2	26692	36393	0.52%	0.075%
23	16.133	2231	2235	2239	rBV2	9734	11924	0.17%	0.025%
24	16.892	2360	2364	2370	rBV5	5048	9032	0.13%	0.019%
25	17.104	2394	2400	2410	rBV2	1878698	2507934	36.15%	5.156%
26	17.204	2410	2417	2427	rBV	3085411	4264981	61.48%	8.768%
27	17.998	2547	2552	2560	rBV	85234	141586	2.04%	0.291%
28	19.139	2742	2746	2749	rBV	35180	44745	0.65%	0.092%
29	19.280	2766	2770	2776	rBV3	47146	76019	1.10%	0.156%
30	19.392	2785	2789	2792	rBV	27117	33460	0.48%	0.069%
31	19.504	2801	2808	2822	rBV	4103107	5609869	80.87%	11.532%
32	20.039	2896	2899	2903	rVB6	17532	23183	0.33%	0.048%
33	20.533	2980	2983	2987	rBV3	42145	43954	0.63%	0.090%
34	20.998	3059	3062	3069	rBV	129317	177953	2.57%	0.366%

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Title : SVOA CALIBRATION

35	21.292	3107	3112	3119	rBV	2530447	3379647	48.72%	6.948%
36	21.433	3133	3136	3139	rBV	129816	136835	1.97%	0.281%
37	21.868	3206	3210	3215	rBV	174813	213187	3.07%	0.438%
38	22.327	3285	3288	3295	rVB	249777	320071	4.61%	0.658%
39	22.833	3371	3374	3380	rVB	298041	394977	5.69%	0.812%
40	23.397	3463	3470	3479	rBV	3848373	6936913	100.00%	14.260%
41	23.544	3488	3495	3506	rVB2	1883511	3670822	52.92%	7.546%
42	24.039	3575	3579	3589	rVB	274330	495523	7.14%	1.019%

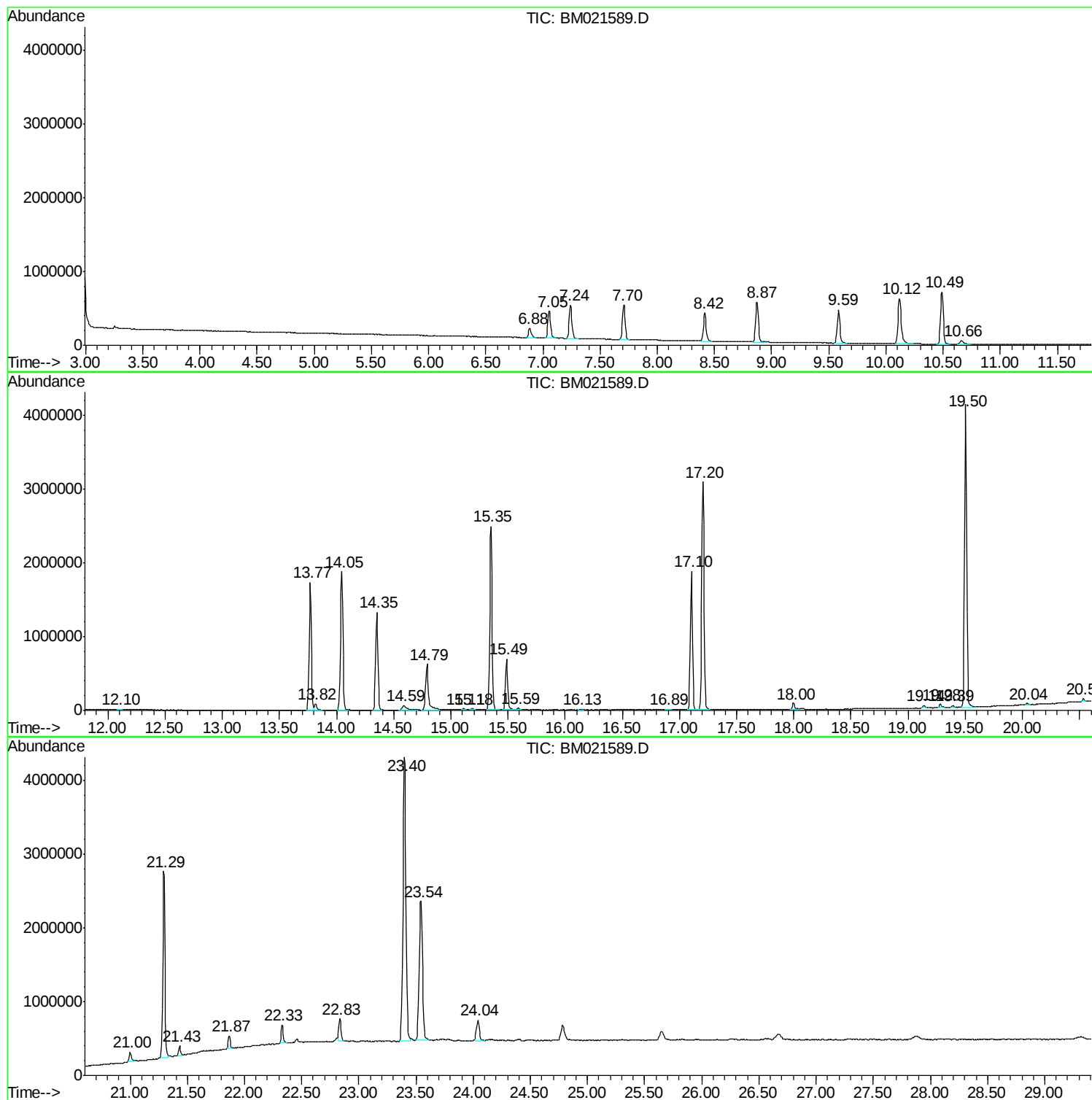
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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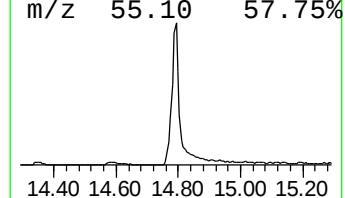
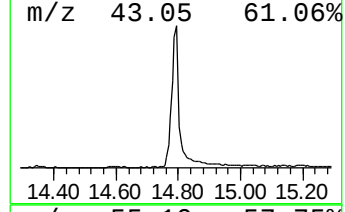
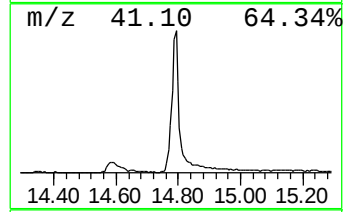
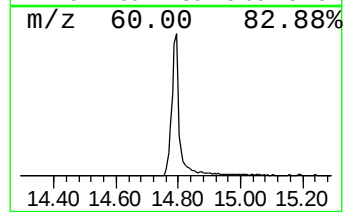
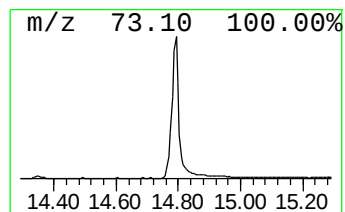
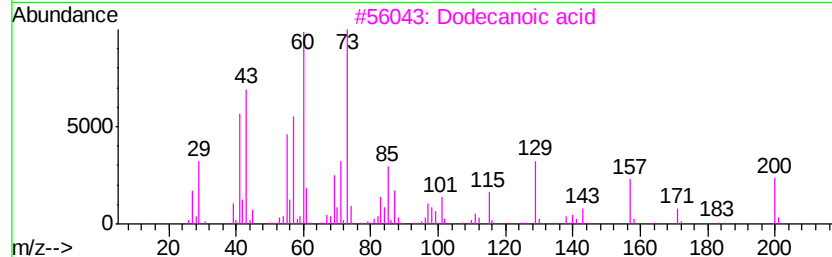
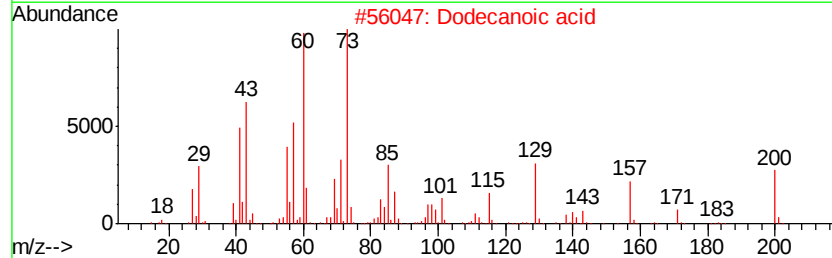
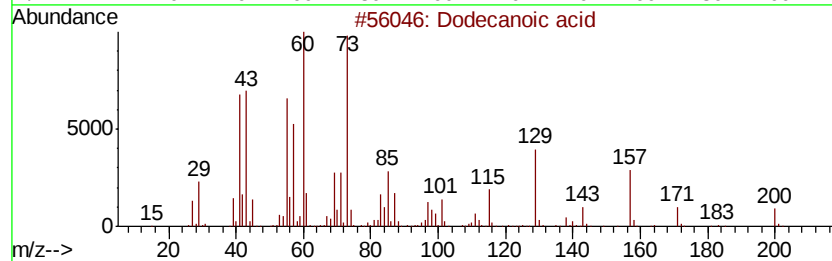
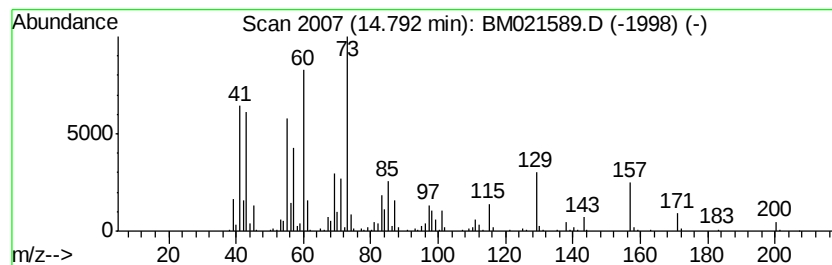
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.79	11.29 ng/ul	1083140	Acenaphthene-d10		14.35	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid		200	C12H24O2	000143-07-7	98
2	Dodecanoic acid		200	C12H24O2	000143-07-7	93
3	Dodecanoic acid		200	C12H24O2	000143-07-7	91
4	Dodecanoic acid		200	C12H24O2	000143-07-7	90
5	Undecanoic acid		186	C11H22O2	000112-37-8	72



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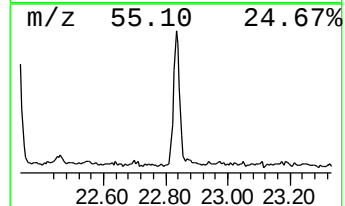
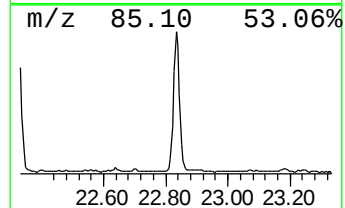
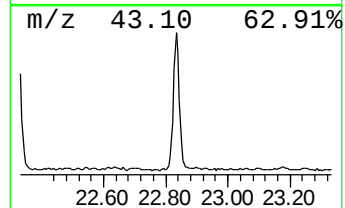
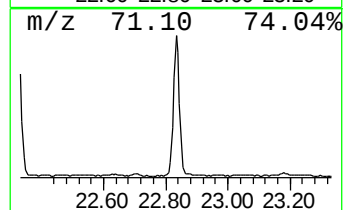
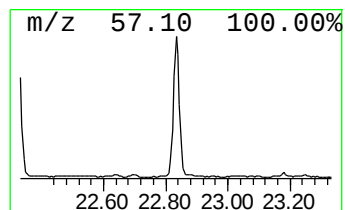
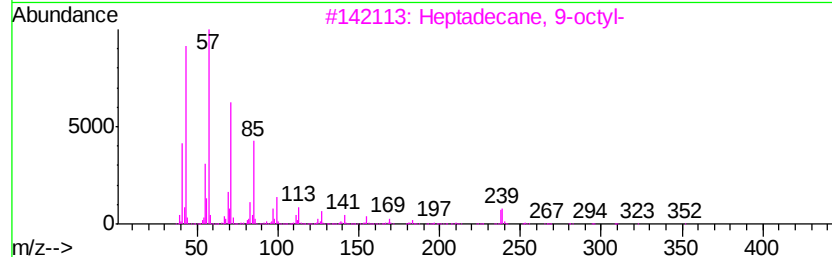
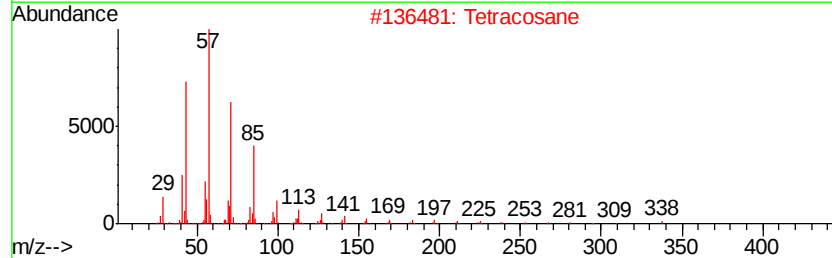
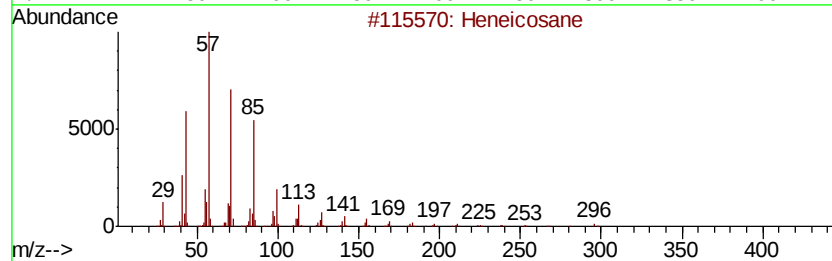
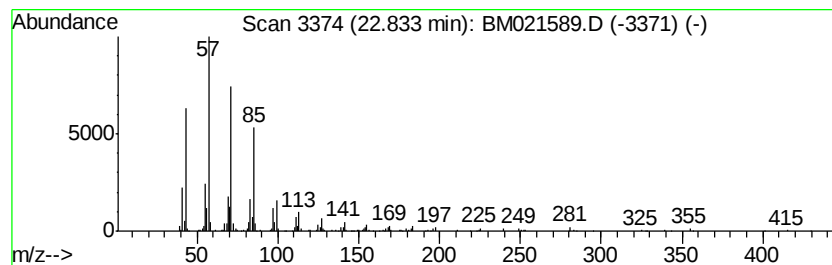
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.15 ng/ul	394977	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



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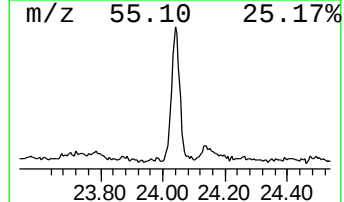
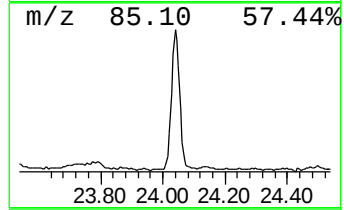
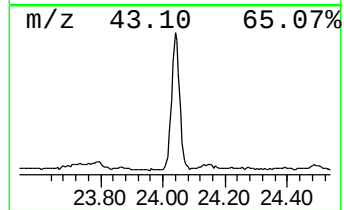
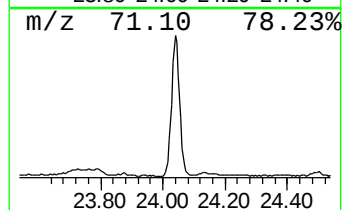
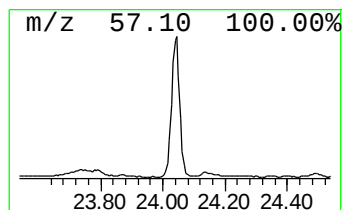
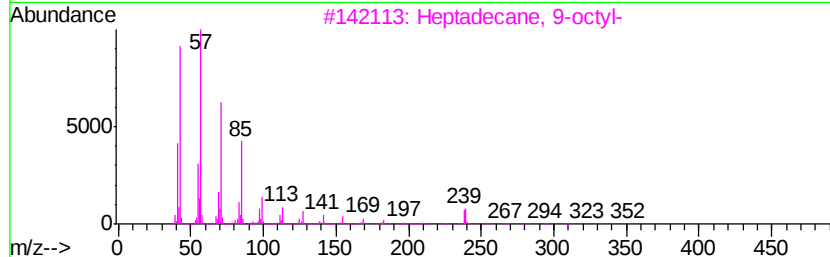
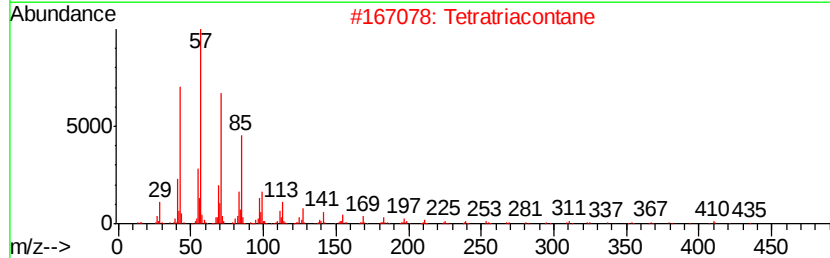
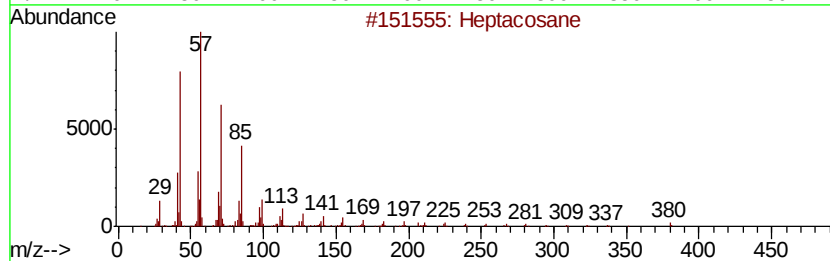
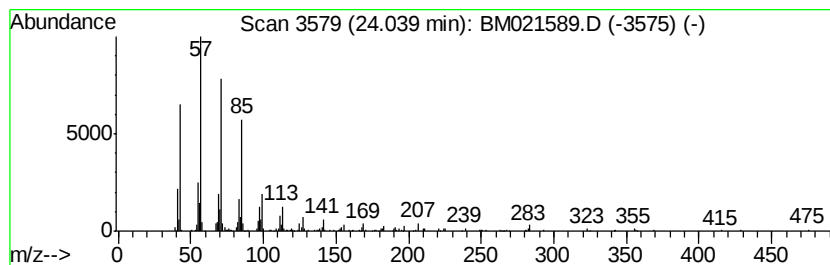
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.70 ng/ul	495523	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecanoic acid	14.79	11.3	ng/ul	1083140	3	14.35	1917990	20.0
(DEL) Alkane: Str...	22.83	2.1	ng/ul	394977	6	23.54	3670820	20.0
(DEL) Alkane: Str...	24.04	2.7	ng/ul	495523	6	23.54	3670820	20.0