

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
 Data File : BM010284.D
 Acq On : 27 May 2017 20:20
 Operator : SJ/MA
 Sample : I3162-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSL0

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-BM052717.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	3.387	49	51	61	rVB2	78702	128086	1.13%	0.124%
2	7.116	676	685	698	rBV	1383270	2247271	19.74%	2.183%
3	7.269	705	711	720	rBV	1047421	1589859	13.97%	1.544%
4	7.469	738	745	755	rBV	1585742	2501364	21.98%	2.430%
5	7.928	817	823	834	rBV	1492674	2421485	21.27%	2.352%
6	8.651	939	946	959	rBV	1668912	2775894	24.39%	2.696%
7	9.116	1018	1025	1033	rBV	1339685	2129988	18.71%	2.069%
8	9.828	1139	1146	1157	rBV	1170436	1904410	16.73%	1.850%
9	10.357	1230	1236	1247	rBV	1845939	3093114	27.17%	3.005%
10	10.734	1293	1300	1308	rBV	1785082	2937863	25.81%	2.854%
11	10.898	1320	1328	1339	rBV	1005592	1904925	16.74%	1.850%
12	13.975	1844	1851	1856	rBV	3303098	4742588	41.67%	4.607%
13	14.022	1856	1859	1866	rVB	909204	1202451	10.56%	1.168%
14	14.263	1894	1900	1908	rBV	3579421	5108961	44.88%	4.963%
15	14.563	1943	1951	1960	rBV2	2468211	3829750	33.65%	3.720%
16	14.798	1985	1991	2006	rBV	1065386	1937731	17.02%	1.882%
17	15.551	2112	2119	2127	rBV	4578912	6603646	58.02%	6.415%
18	15.674	2134	2140	2146	rBV	1459689	1956293	17.19%	1.900%
19	16.204	2225	2230	2241	rVB5	83987	160875	1.41%	0.156%
20	17.310	2411	2418	2427	rBV	3303427	4660491	40.94%	4.527%
21	17.404	2428	2434	2444	rBV2	4946871	7281384	63.97%	7.073%
22	18.157	2557	2562	2571	rBV	566655	879281	7.72%	0.854%
23	19.427	2774	2778	2783	rBV	437211	660506	5.80%	0.642%
24	19.692	2817	2823	2829	rBV2	7024475	9338097	82.04%	9.071%
25	21.127	3062	3067	3073	rBV	6033383	6383030	56.08%	6.200%
26	21.468	3120	3125	3130	rBV	5460988	6525664	57.33%	6.339%
27	23.668	3492	3499	3508	rVB2	5892401	11382416	100.00%	11.057%
28	23.821	3519	3525	3532	rVB	3495262	6657086	58.49%	6.467%

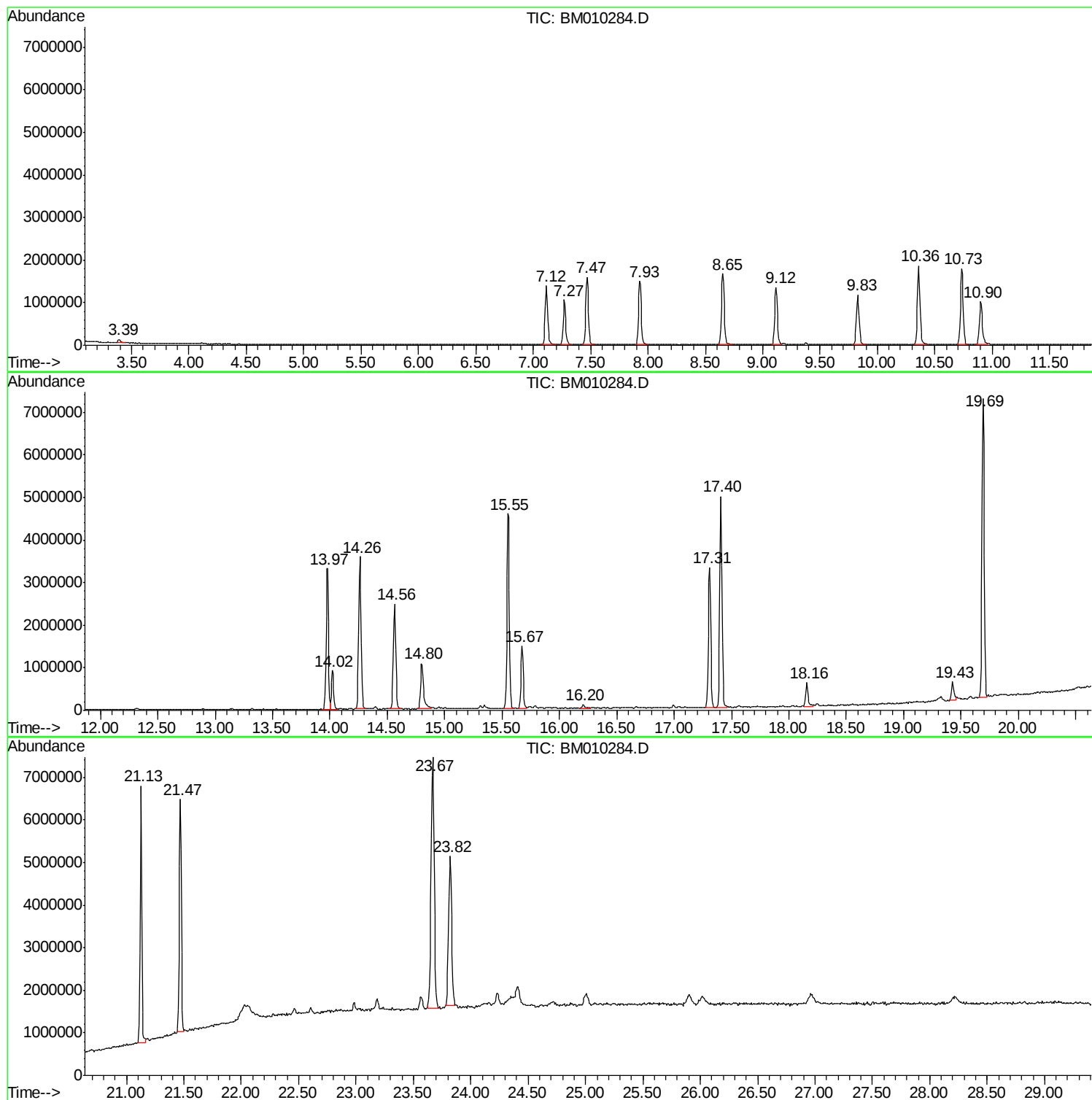
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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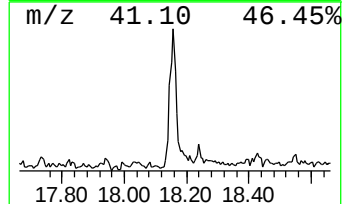
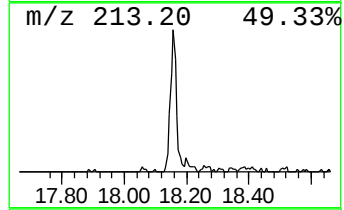
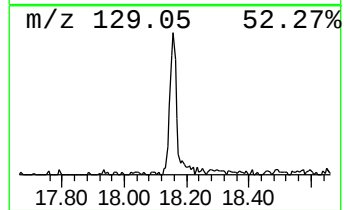
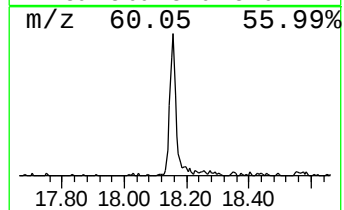
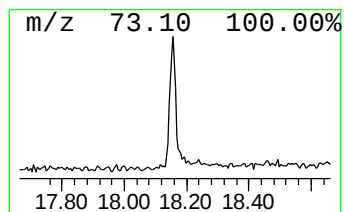
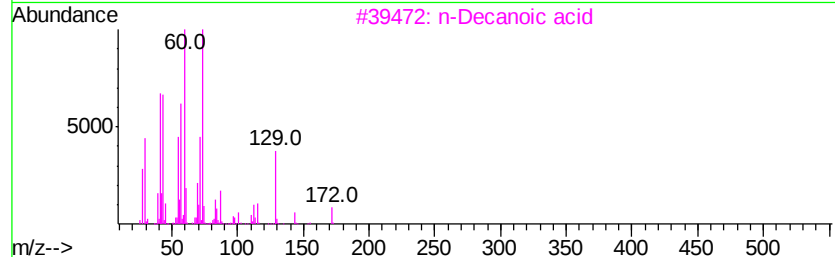
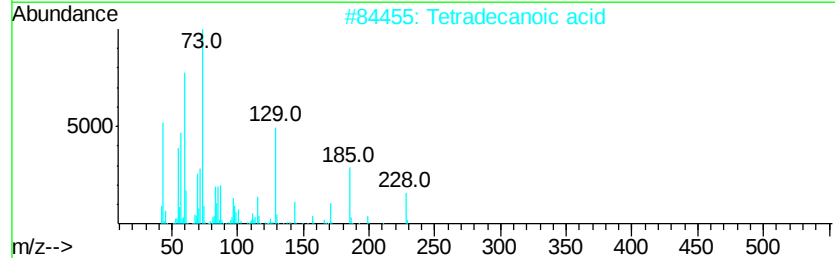
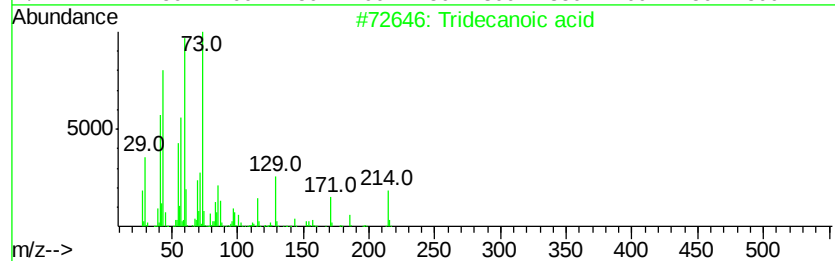
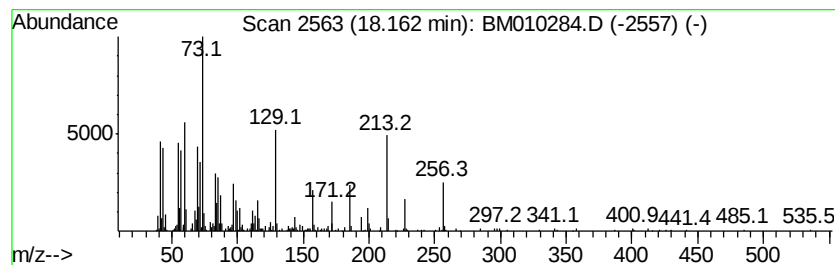
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.77 ng/ul	879281	Phenanthrene-d10	17.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	89
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3		n-Decanoic acid	172	C10H20O2	000334-48-5	70
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



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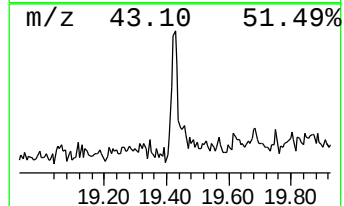
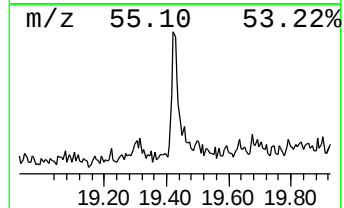
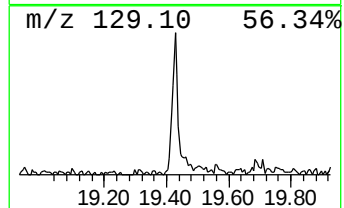
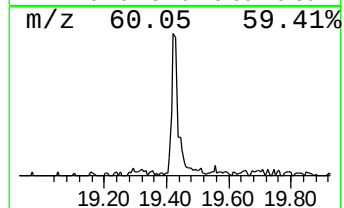
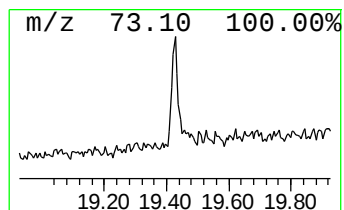
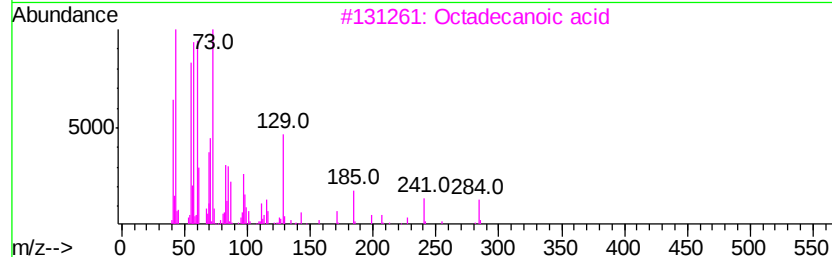
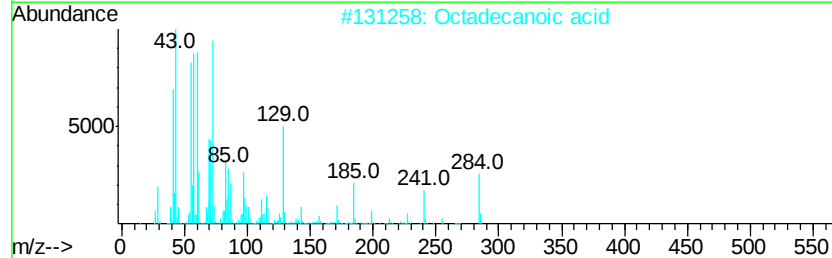
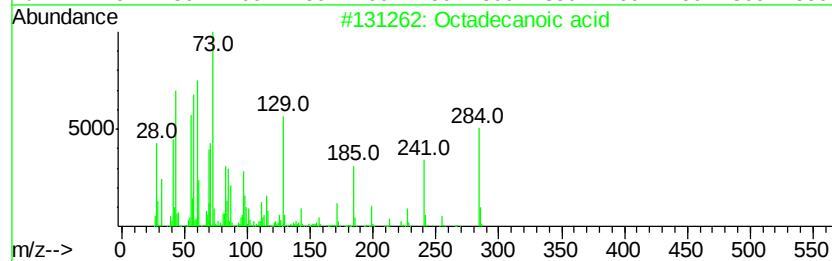
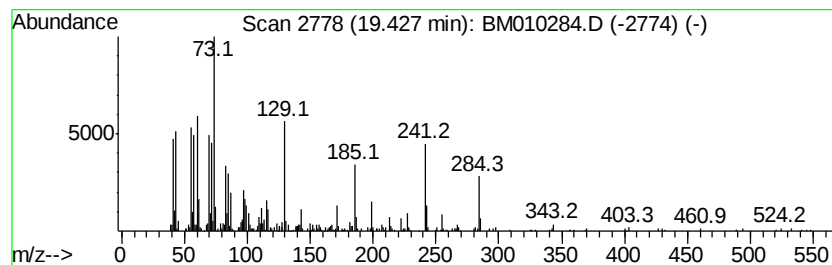
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	2.02 ng/ul	660506	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5		Octadecanoic acid	284	C18H36O2	000057-11-4	64



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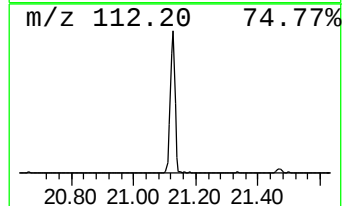
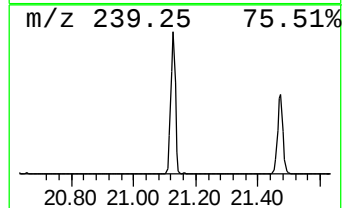
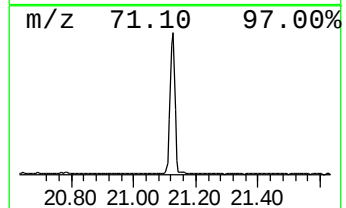
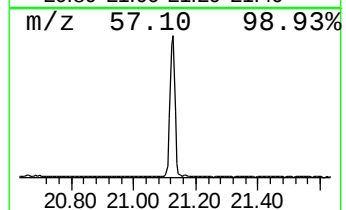
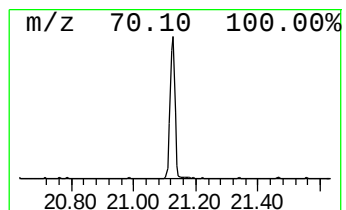
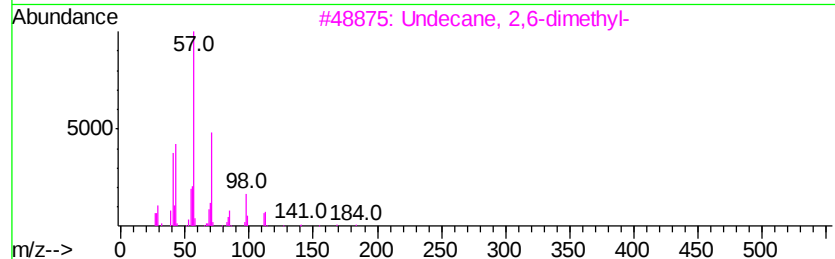
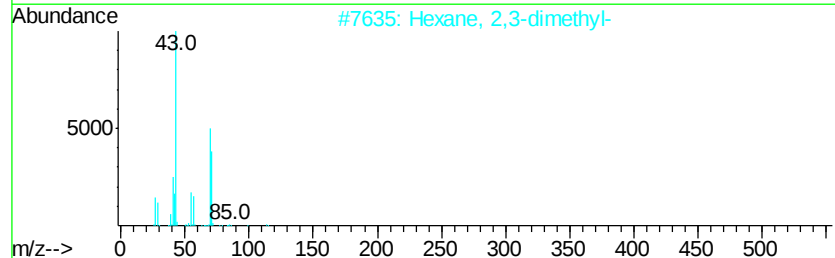
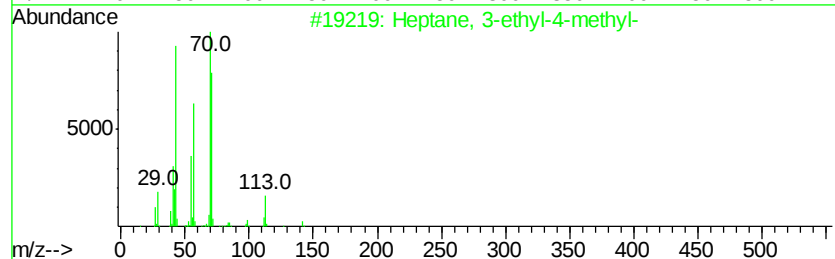
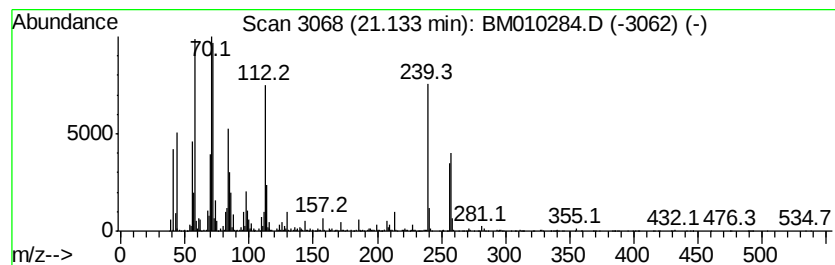
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	19.56 ng/ul	6383030	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	43
2		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	35
4		Butanoic acid, 3-methylbutyl ester	158	C9H18O2	000106-27-4	35
5		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	18.16	3.8	ng/ul	879281	4	17.31	4660490	20.0
Octadecanoic acid	19.43	2.0	ng/ul	660506	5	21.47	6525660	20.0
(DEL) Alkane: Str...	21.13	19.6	ng/ul	6383030	5	21.47	6525660	20.0