

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
 Data File : BN003229.D
 Acq On : 20 Oct 2018 04:26
 Operator : MJ/SJ
 Sample : J5567-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ1

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.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	6.828	645	653	670	rBV3	21698	75998	3.39%	0.570%
2	6.958	670	675	684	rVV	23976	39204	1.75%	0.294%
3	7.158	703	709	719	rBV	29793	52450	2.34%	0.393%
4	7.605	779	785	798	rBV	328909	555030	24.78%	4.163%
5	8.352	908	912	920	rBV2	27440	57502	2.57%	0.431%
6	8.781	979	985	997	rBV	23195	49606	2.21%	0.372%
7	9.493	1099	1106	1116	rBV2	15813	33860	1.51%	0.254%
8	10.075	1198	1205	1221	rBV4	14062	50886	2.27%	0.382%
9	10.375	1249	1256	1267	rBV	538402	955335	42.64%	7.165%
10	10.563	1283	1288	1306	rBV3	20277	57048	2.55%	0.428%
11	13.140	1720	1726	1733	rBV2	37117	61888	2.76%	0.464%
12	13.669	1810	1816	1820	rBV	75550	112894	5.04%	0.847%
13	13.716	1820	1824	1832	rVB	38531	65197	2.91%	0.489%
14	13.940	1856	1862	1873	rBV	99958	155304	6.93%	1.165%
15	14.246	1908	1914	1928	rBV2	898012	1428100	63.75%	10.711%
16	15.257	2079	2086	2099	rVB	124588	215631	9.63%	1.617%
17	17.004	2377	2383	2396	rBV	1253995	1776378	79.30%	13.323%
18	17.110	2396	2401	2412	rVB	141188	234212	10.45%	1.757%
19	17.792	2512	2517	2525	rBV6	10174	22774	1.02%	0.171%
20	17.910	2531	2537	2547	rBV	258659	398800	17.80%	2.991%
21	19.081	2731	2736	2752	rVB7	32103	85837	3.83%	0.644%
22	19.192	2752	2755	2765	rBV4	21879	42490	1.90%	0.319%
23	19.416	2787	2793	2803	rBV2	206576	326278	14.56%	2.447%
24	19.957	2882	2885	2889	rBV	30125	34431	1.54%	0.258%
25	20.457	2966	2970	2974	rBV	40866	46979	2.10%	0.352%
26	20.922	3046	3049	3051	rBV	55281	59813	2.67%	0.449%
27	21.216	3093	3099	3109	rBV	1540378	2240207	100.00%	16.802%
28	21.357	3120	3123	3127	rBV	73104	74782	3.34%	0.561%
29	21.786	3193	3196	3201	rVB	91870	97154	4.34%	0.729%
30	22.239	3269	3273	3279	rVB	135632	171656	7.66%	1.287%
31	22.363	3290	3294	3298	rVB	108849	147953	6.60%	1.110%
32	22.733	3352	3357	3362	rBV	149024	216447	9.66%	1.623%
33	23.280	3445	3450	3461	rVB2	330349	585086	26.12%	4.388%
34	23.422	3467	3474	3484	rBV	1110204	2217846	99.00%	16.634%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	23.898	3550	3555	3563	rVB	162374	299621	13.37%	2.247%
36	24.616	3672	3677	3680	rBV2	139933	288341	12.87%	2.163%

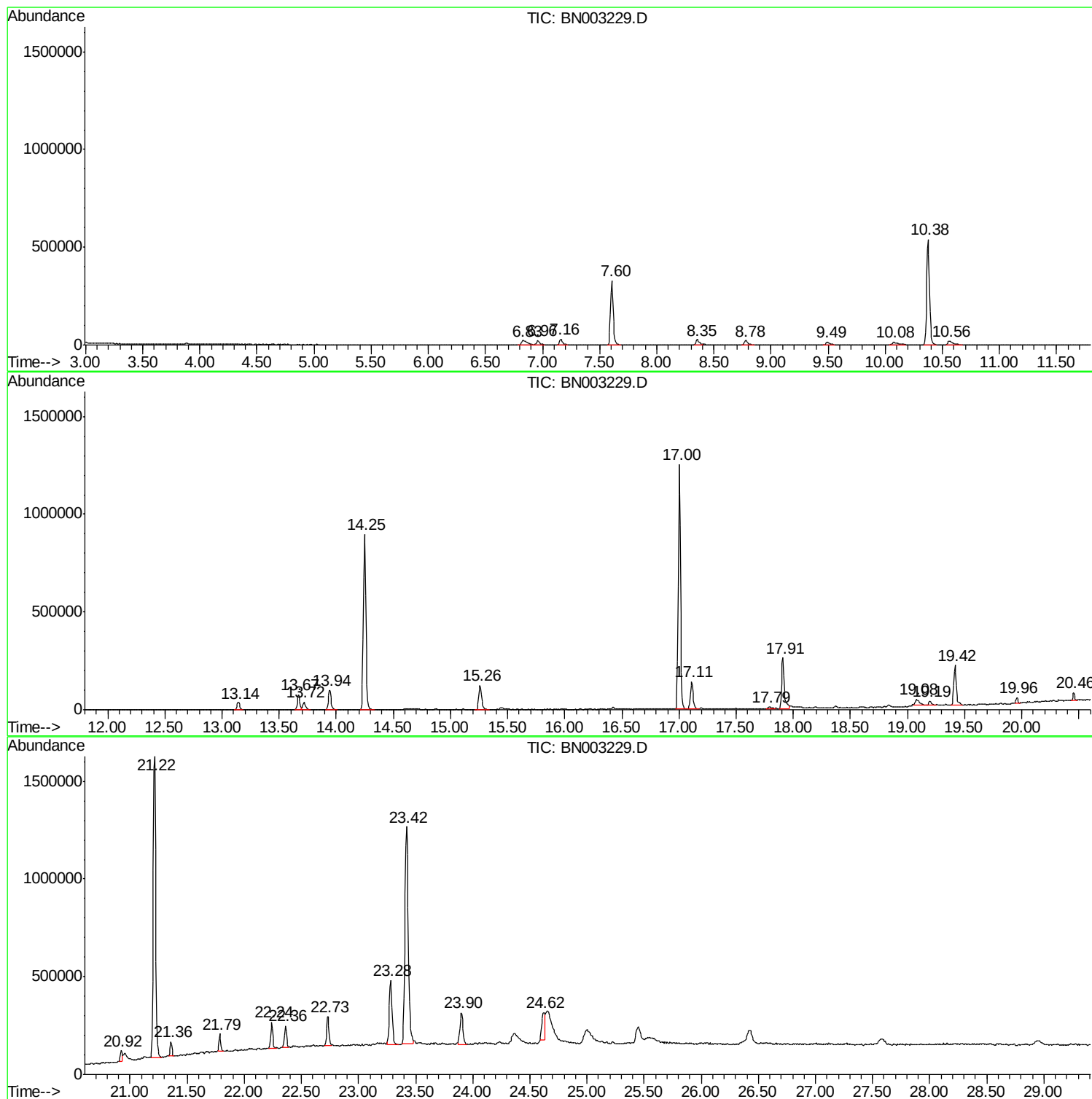
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION

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



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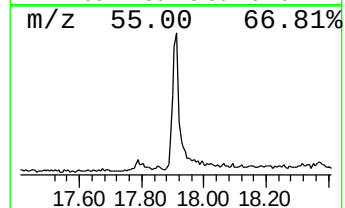
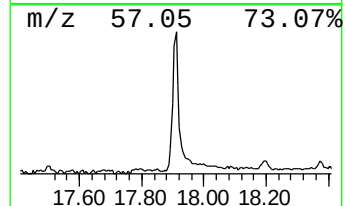
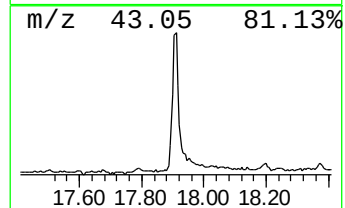
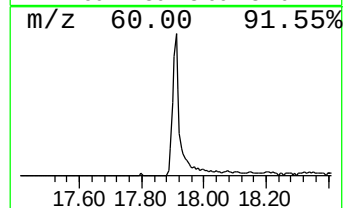
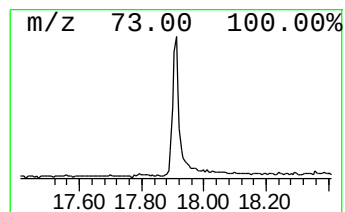
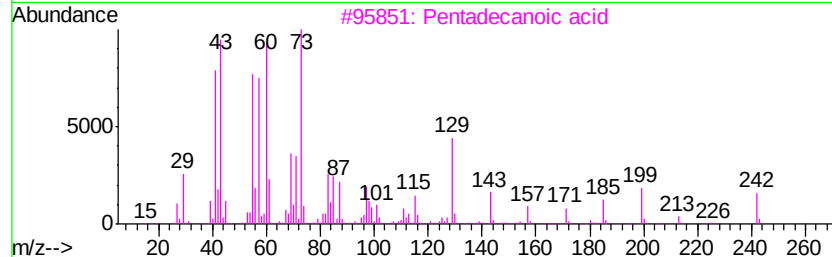
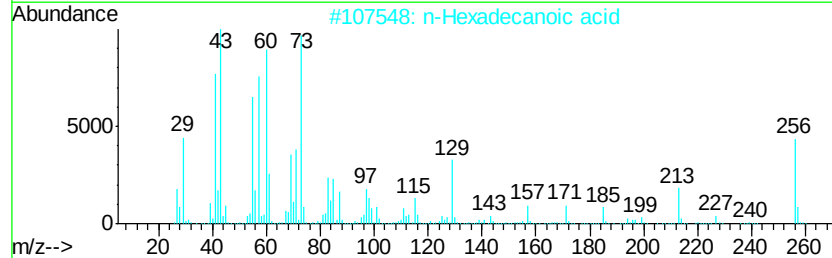
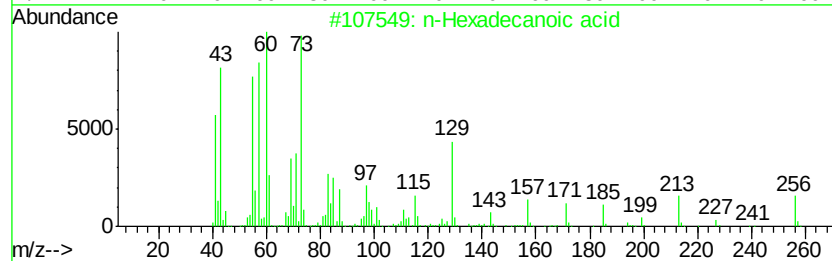
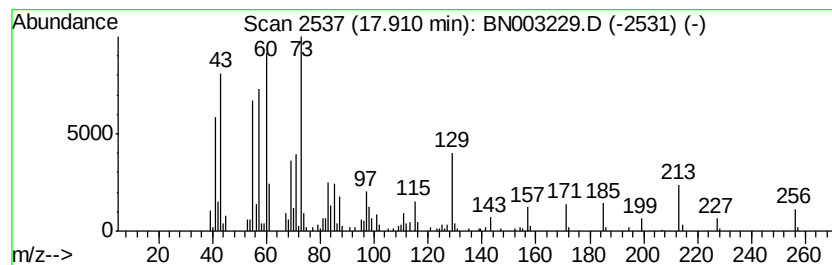
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.91	4.49 ng/ul	398800	Phenanthrene-d10	17.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



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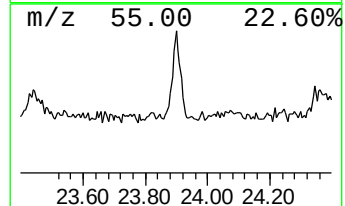
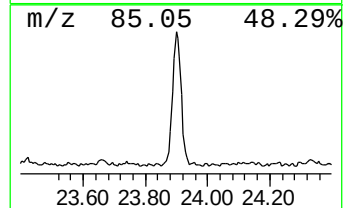
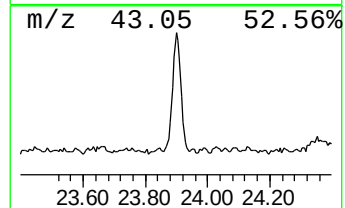
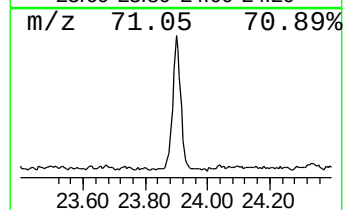
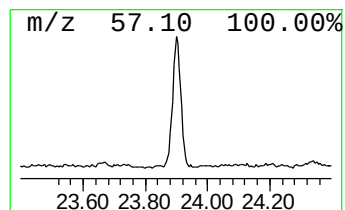
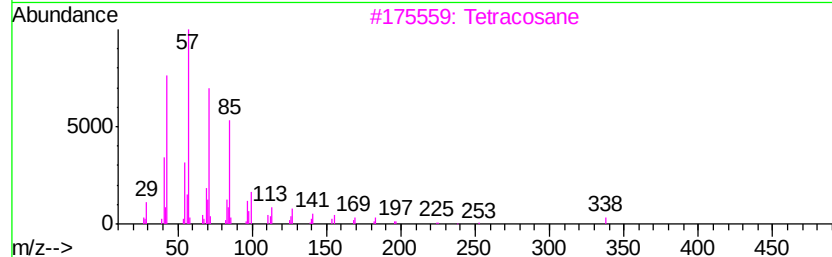
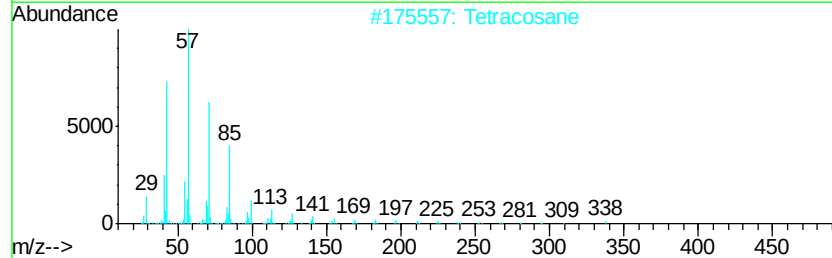
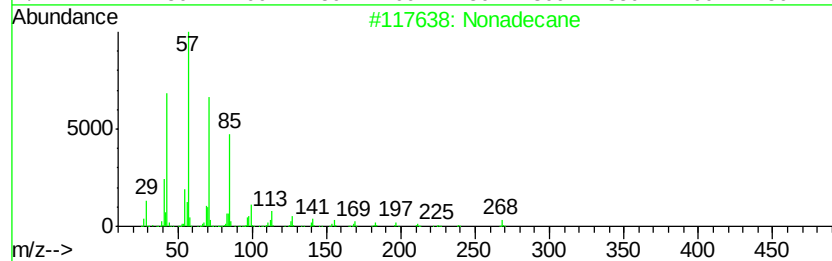
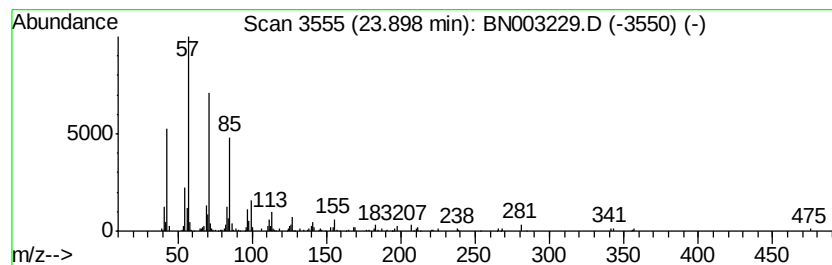
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	2.70 ng/ul	299621	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Tetracosane	338	C24H50	000646-31-1	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Heneicosane	296	C21H44	000629-94-7	90



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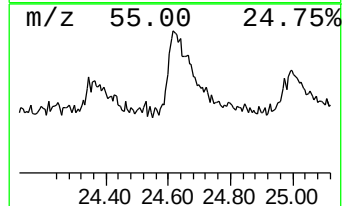
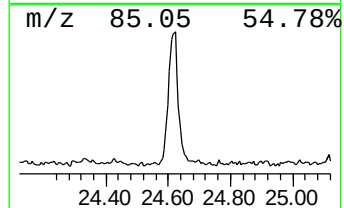
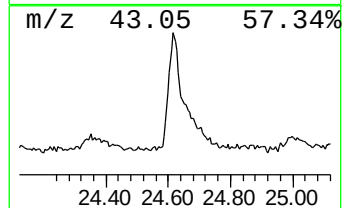
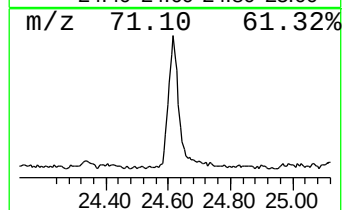
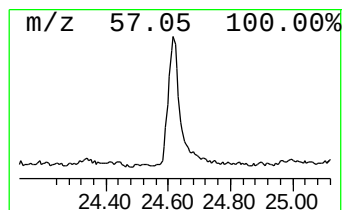
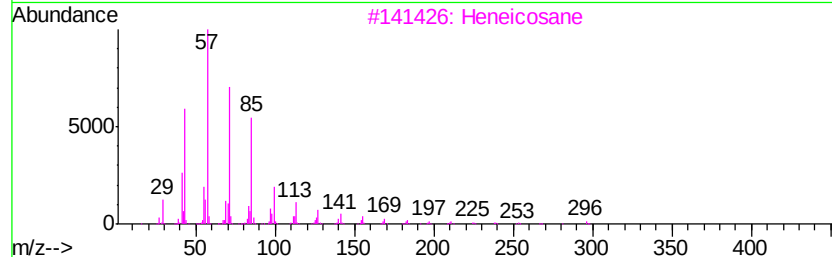
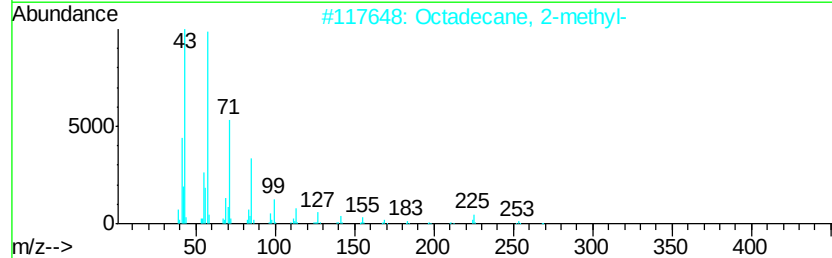
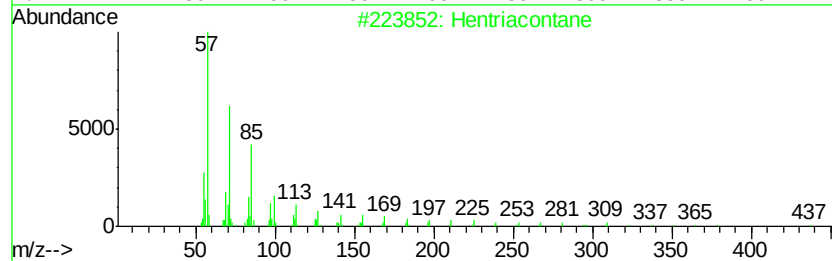
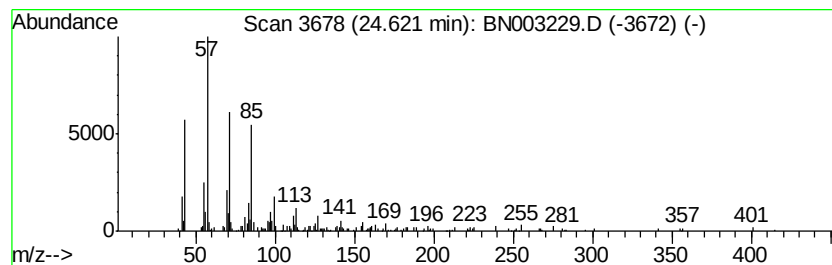
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	2.60 ng/ul	288341	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	93
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Octacosane	394	C28H58	000630-02-4	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.91	4.5	ng/ul	398800	4	17.00	1776380	20.0
(DEL) Alkane: Str...	23.90	2.7	ng/ul	299621	6	23.42	2217850	20.0
(DEL) Alkane: Str...	24.62	2.6	ng/ul	288341	6	23.42	2217850	20.0