

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
 Data File : BN002114.D
 Acq On : 23 Jul 2018 20:06
 Operator : JU/SJ
 Sample : J4038-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1M3

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-BN071318MA.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	3.258	43	46	62	rVB	51394	80770	1.39%	0.114%
2	6.881	655	662	679	rBV2	1000382	1900080	32.75%	2.689%
3	7.040	683	689	700	rBV	807872	1232782	21.25%	1.745%
4	7.234	716	722	731	rBV	1010383	1624733	28.00%	2.299%
5	7.699	794	801	808	rBV	1025813	1617968	27.89%	2.290%
6	8.404	914	921	939	rVB	1257758	2105317	36.29%	2.979%
7	8.846	989	996	1008	rBV	1042361	1713021	29.53%	2.424%
8	9.563	1111	1118	1129	rBV	870346	1451446	25.02%	2.054%
9	10.099	1202	1209	1224	rBV	1329399	2254813	38.86%	3.191%
10	10.469	1264	1272	1280	rBV	1481322	2541004	43.80%	3.596%
11	10.610	1288	1296	1310	rBV	1083924	1887349	32.53%	2.671%
12	13.740	1822	1828	1833	rBV	2325006	3338925	57.55%	4.725%
13	13.787	1833	1836	1842	rVB	309871	405369	6.99%	0.574%
14	14.022	1868	1876	1886	rBV	2750492	4084056	70.39%	5.780%
15	14.328	1922	1928	1939	rVB2	2213224	3478421	59.95%	4.923%
16	14.539	1958	1964	1985	rBV	915466	1588543	27.38%	2.248%
17	15.328	2091	2098	2106	rBV	3504958	4977964	85.80%	7.045%
18	15.451	2113	2119	2129	rBV	1124347	1550299	26.72%	2.194%
19	17.081	2389	2396	2403	rBV	2856393	4101794	70.70%	5.805%
20	17.175	2406	2412	2420	rBV2	3567131	5114736	88.16%	7.238%
21	17.986	2545	2550	2558	rBV	462689	678081	11.69%	0.960%
22	19.110	2736	2741	2745	rBV2	47790	70791	1.22%	0.100%
23	19.269	2765	2768	2776	rBV3	59394	98611	1.70%	0.140%
24	19.474	2797	2803	2811	rBV	4111497	5801845	100.00%	8.211%
25	19.927	2876	2880	2884	rBV	122537	146074	2.52%	0.207%
26	20.469	2967	2972	2977	rVB	126708	177976	3.07%	0.252%
27	20.874	3038	3041	3048	rBV5	43075	63803	1.10%	0.090%
28	21.004	3060	3063	3065	rBV	73571	75370	1.30%	0.107%
29	21.069	3065	3074	3094	rVV5	213006	1059036	18.25%	1.499%
30	21.274	3104	3109	3115	rBV	3458981	4232812	72.96%	5.990%
31	21.439	3134	3137	3141	rBV	94419	97611	1.68%	0.138%
32	21.598	3161	3164	3169	rVB	105680	123989	2.14%	0.175%
33	21.874	3208	3211	3215	rVB2	132826	143696	2.48%	0.203%
34	22.339	3286	3290	3295	rVB	173828	233193	4.02%	0.330%

LSC Area Percent Report

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35	22.463	3308	3311	3316	rVB	103583	127279	2.19%	0.180%
36	22.845	3371	3376	3381	rBV	234832	344090	5.93%	0.487%
37	23.368	3457	3465	3478	rBV	2421803	4910572	84.64%	6.949%
38	23.510	3481	3489	3498	rVB2	1802814	3479651	59.97%	4.924%
39	24.045	3575	3580	3586	rBV	252550	465709	8.03%	0.659%
40	24.786	3701	3706	3712	rBV2	129062	241680	4.17%	0.342%
41	25.645	3849	3852	3853	rBV3	54555	61397	1.06%	0.087%
42	25.956	3897	3905	3914	rVB3	369867	979265	16.88%	1.386%

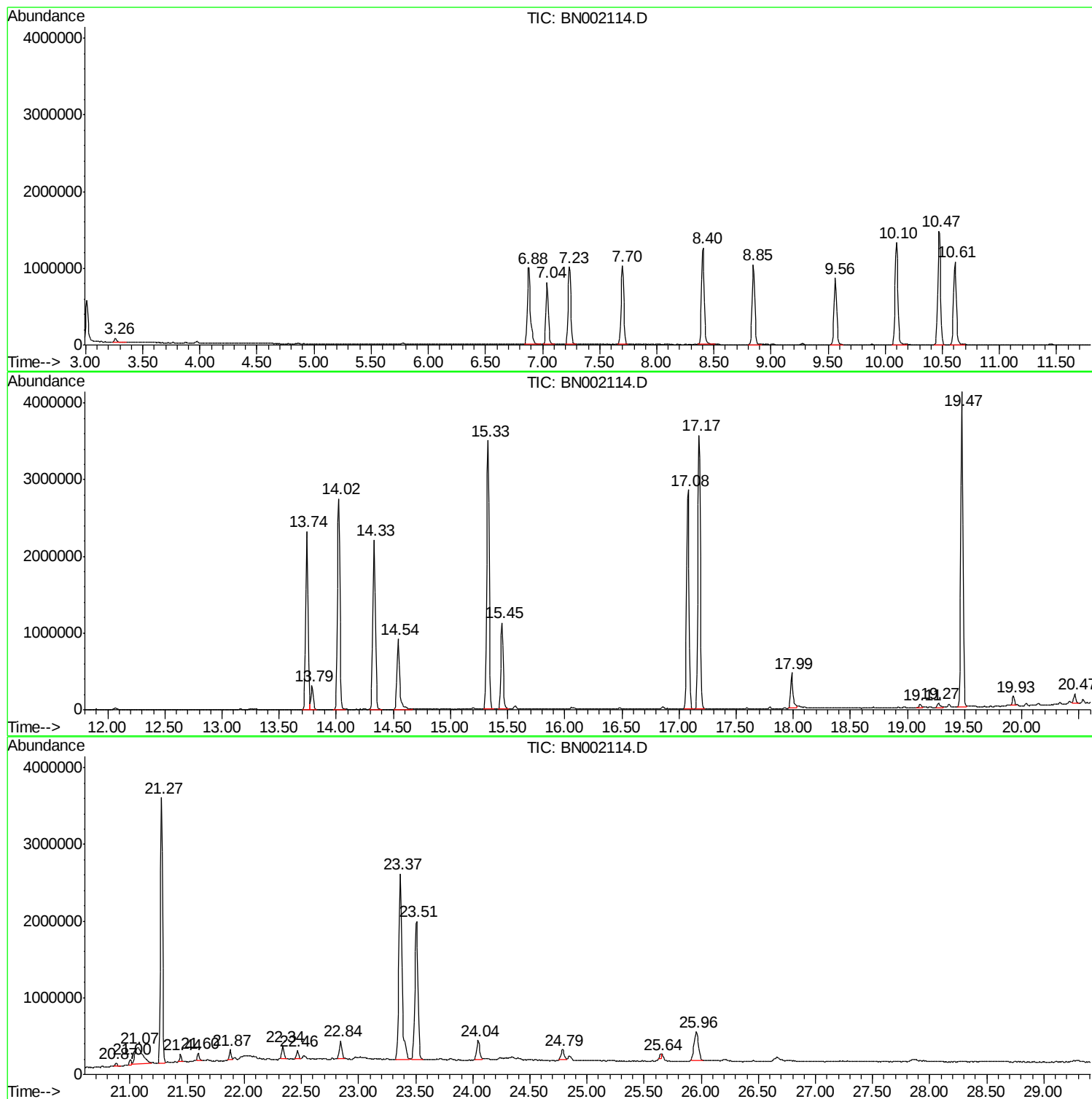
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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



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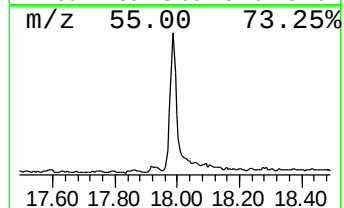
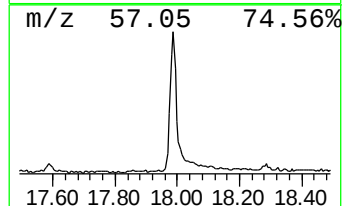
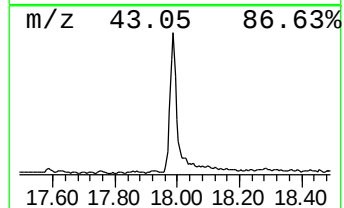
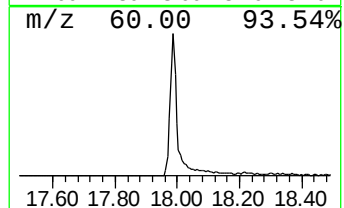
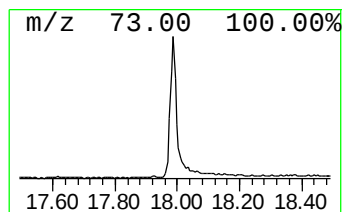
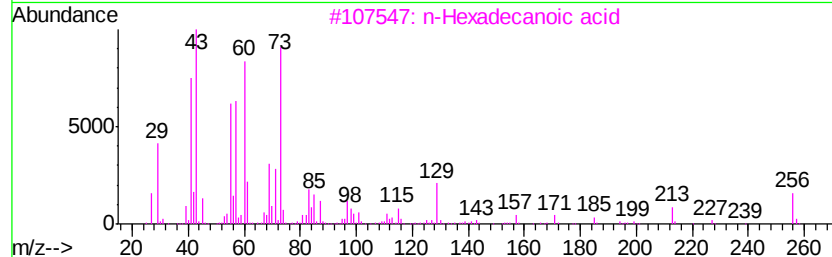
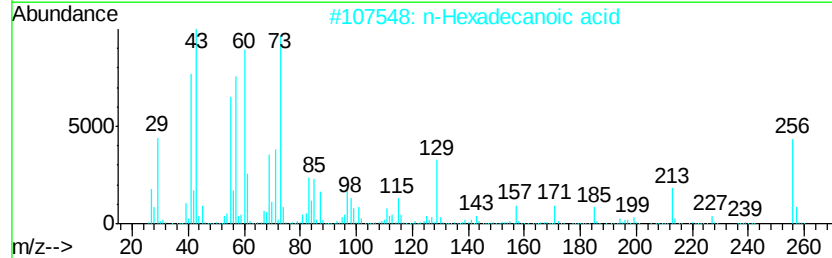
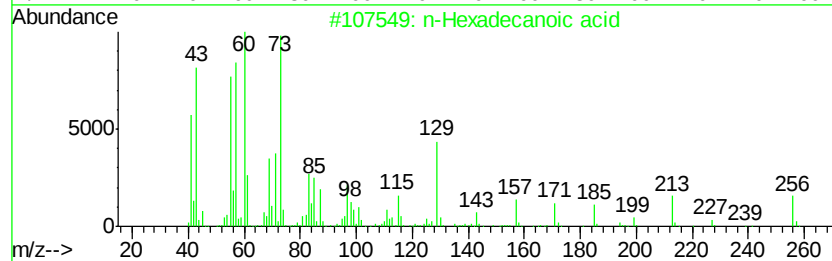
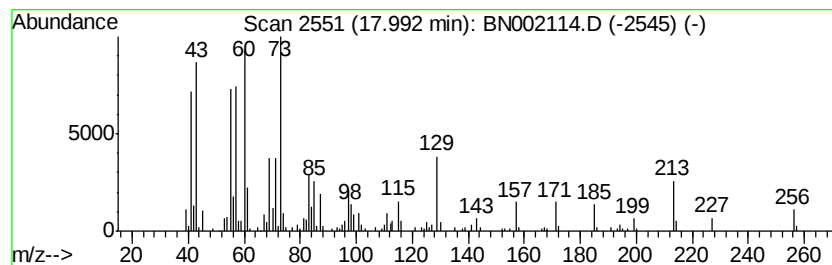
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.31 ng/ul	678081	Phenanthrene-d10	17.08

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	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4			Tridecanoic acid	214	C13H26O2	000638-53-9	91
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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Instrument :
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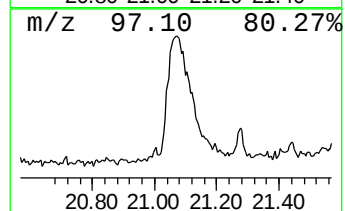
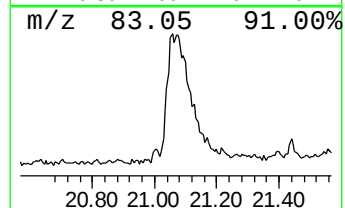
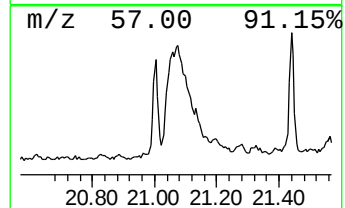
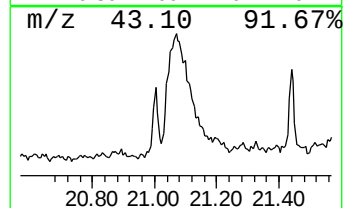
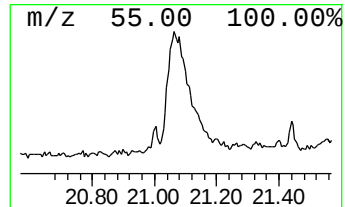
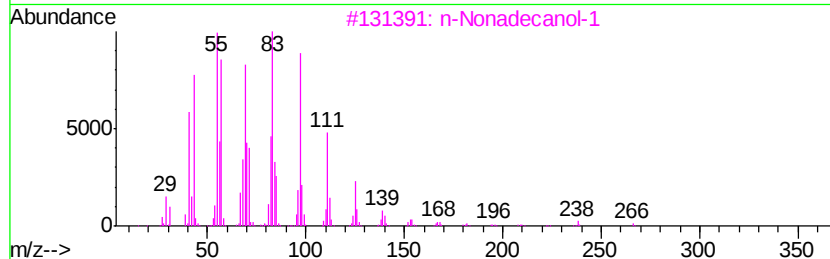
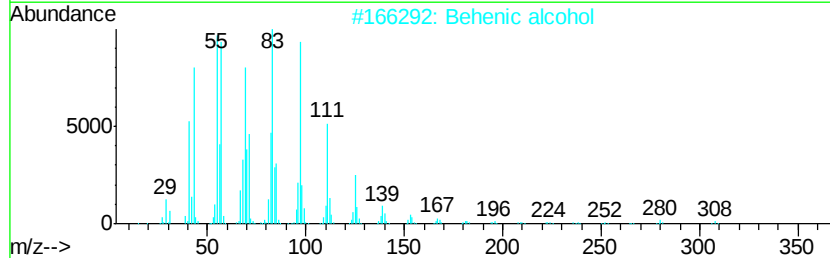
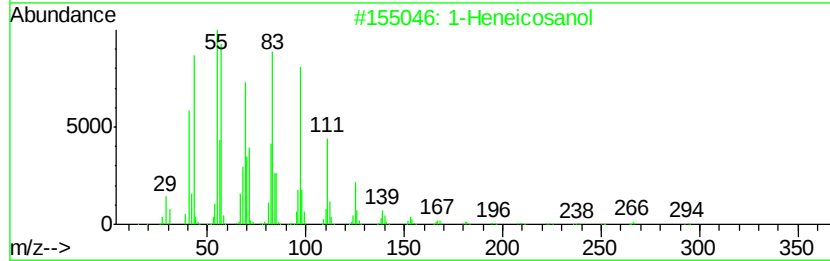
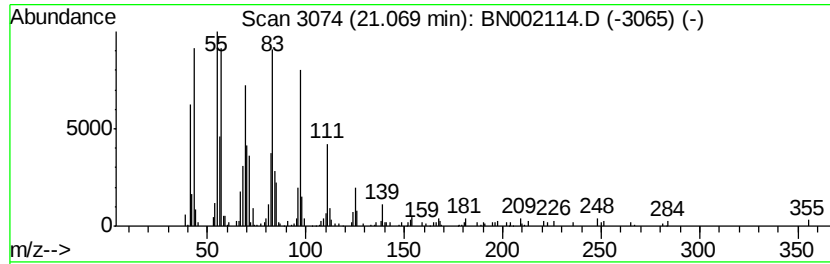
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Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	5.00 ng/ul	1059040	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	94
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4		1-Octadecanol	270	C18H38O	000112-92-5	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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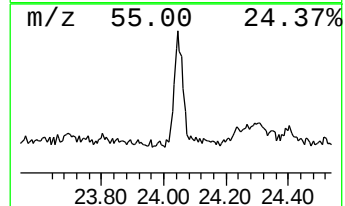
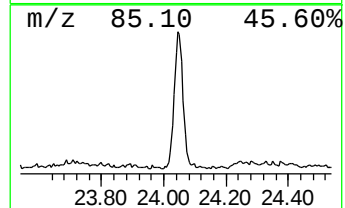
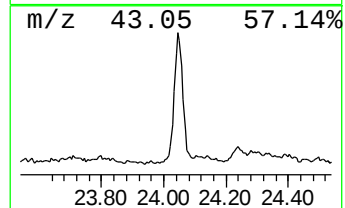
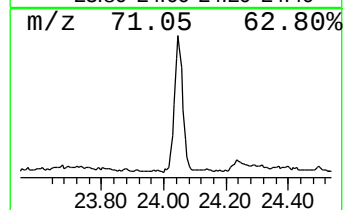
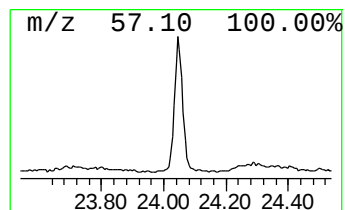
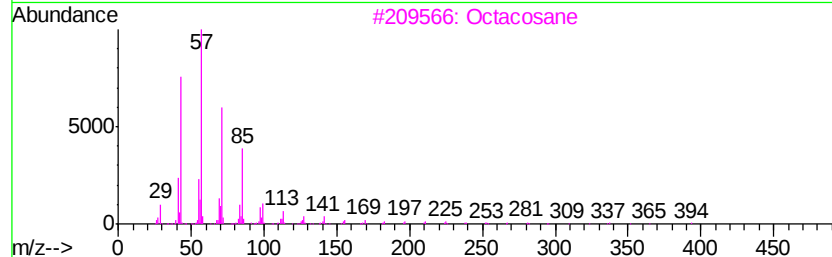
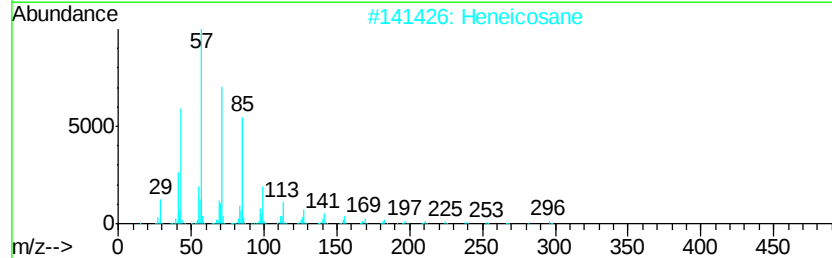
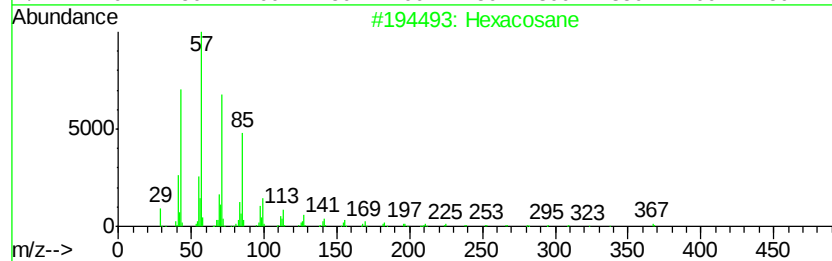
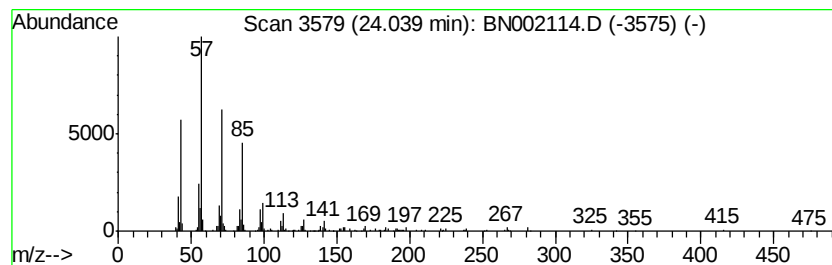
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.68 ng/ul	465709	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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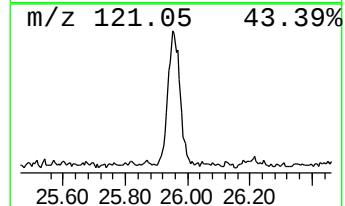
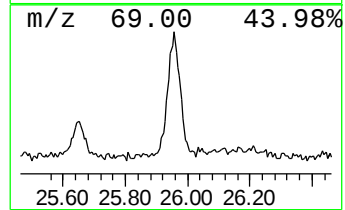
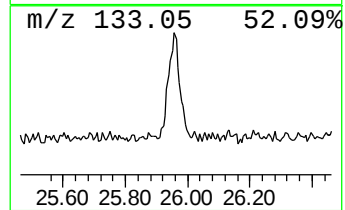
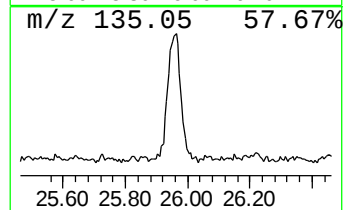
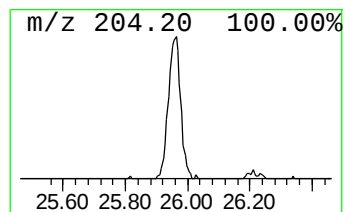
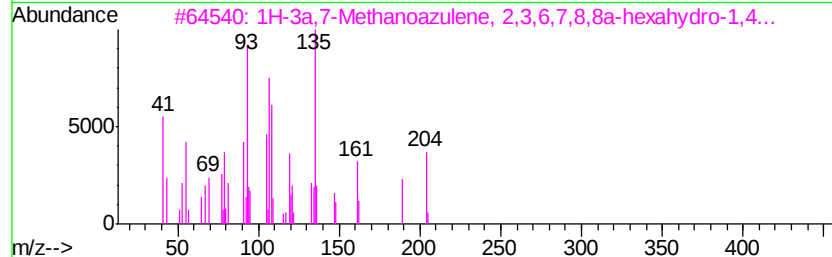
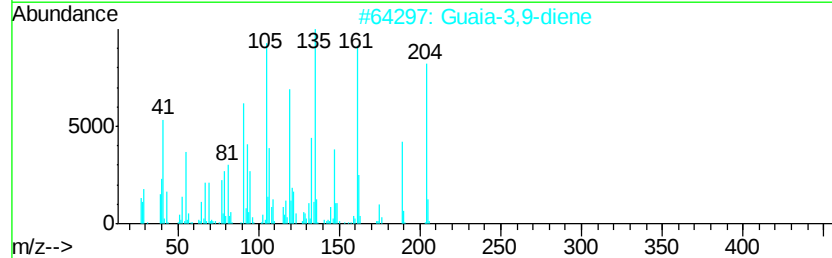
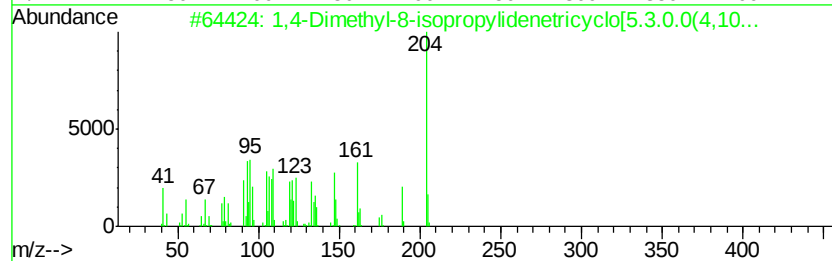
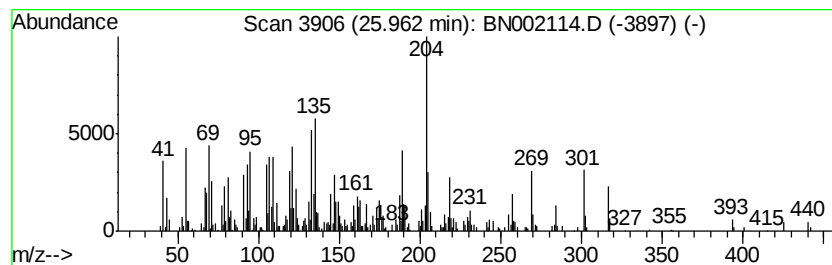
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Peak Number 4 1,4-Dimethyl-8-isopropylide... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.96	5.63 ng/ul	979265	Perylene-d12	23.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204 C15H24	1000140-07-7	58
2	Guaia-3,9-diene	204 C15H24	000489-83-8	50
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204 C15H24	000560-32-7	49
4	3-Cyclohexene-1-methanol, .alpha...	222 C15H26O	023178-88-3	49
5	1-Naphthalenecarboxylic acid, de...	316 C21H32O2	001235-39-8	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	3.3	ng/ul	678081	4	17.08	4101790	20.0
1-Heneicosanol	21.07	5.0	ng/ul	1059040	5	21.27	4232810	20.0
(DEL) Alkane: Str...	24.04	2.7	ng/ul	465709	6	23.51	3479650	20.0
1,4-Dimethyl-8-is...	25.96	5.6	ng/ul	979265	6	23.51	3479650	20.0