

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002915.D
 Acq On : 03 Oct 2018 23:44
 Operator : MJ/SJ
 Sample : J5115-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC67

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-BN091418MA.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	3.199	32	36	43	rVB	22588	31129	1.22%	0.098%
2	3.699	116	121	129	rVB	19749	29470	1.16%	0.092%
3	6.816	645	651	670	rBV	347511	669849	26.27%	2.099%
4	6.969	670	677	689	rBV	314907	491681	19.28%	1.541%
5	7.164	703	710	720	rBV	408595	650457	25.51%	2.039%
6	7.622	781	788	797	rBV	531497	857300	33.62%	2.687%
7	8.334	903	909	924	rBV	403610	720662	28.26%	2.259%
8	8.775	977	984	993	rBV	364431	615193	24.13%	1.928%
9	9.493	1099	1106	1118	rBV	294913	524606	20.57%	1.644%
10	9.805	1153	1159	1166	rVB	69013	112344	4.41%	0.352%
11	10.028	1191	1197	1215	rBV	417607	811957	31.84%	2.545%
12	10.393	1252	1259	1266	rBV	784160	1311952	51.45%	4.112%
13	10.540	1278	1284	1300	rBV	344112	684728	26.85%	2.146%
14	13.675	1811	1817	1822	rBV	889219	1248959	48.98%	3.914%
15	13.722	1822	1825	1834	rVB	221108	316900	12.43%	0.993%
16	13.951	1857	1864	1875	rBV	1096621	1616081	63.38%	5.065%
17	14.263	1910	1917	1924	rVB2	1149287	1791847	70.27%	5.616%
18	14.334	1924	1929	1936	rVB7	9752	25527	1.00%	0.080%
19	14.504	1953	1958	1970	rBV	160147	377597	14.81%	1.183%
20	15.051	2046	2051	2055	rBV6	19080	33997	1.33%	0.107%
21	15.098	2055	2059	2062	rVV	64341	80350	3.15%	0.252%
22	15.257	2080	2086	2093	rBV	1337251	1993120	78.16%	6.246%
23	15.404	2106	2111	2120	rBV	339369	537663	21.08%	1.685%
24	15.992	2205	2211	2212	rBV2	50506	90080	3.53%	0.282%
25	17.016	2379	2385	2389	rBV	1416176	2099547	82.34%	6.580%
26	17.057	2389	2392	2396	rVV	140536	194884	7.64%	0.611%
27	17.110	2396	2401	2413	rVB	1416617	2138843	83.88%	6.703%
28	17.922	2535	2539	2546	rBV3	182439	285020	11.18%	0.893%
29	19.081	2732	2736	2741	rVB	676752	848006	33.26%	2.658%
30	19.416	2788	2793	2796	rBV2	1744492	2550004	100.00%	7.992%
31	20.939	3049	3052	3063	rVB2	420994	681813	26.74%	2.137%
32	21.216	3093	3099	3103	rBV2	1641344	2528392	99.15%	7.924%
33	21.257	3103	3106	3110	rVB	344753	426659	16.73%	1.337%
34	21.375	3123	3126	3130	rVB	267431	280722	11.01%	0.880%

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35	21.804	3196	3199	3202	rBV2	207456	245337	9.62%	0.769%
36	22.257	3273	3276	3281	rVB	217054	263189	10.32%	0.825%
37	22.757	3358	3361	3367	rVB2	223535	361860	14.19%	1.134%
38	23.286	3445	3451	3457	rBV	949687	1926974	75.57%	6.039%
39	23.427	3469	3475	3481	rVB2	800910	1453606	57.00%	4.556%

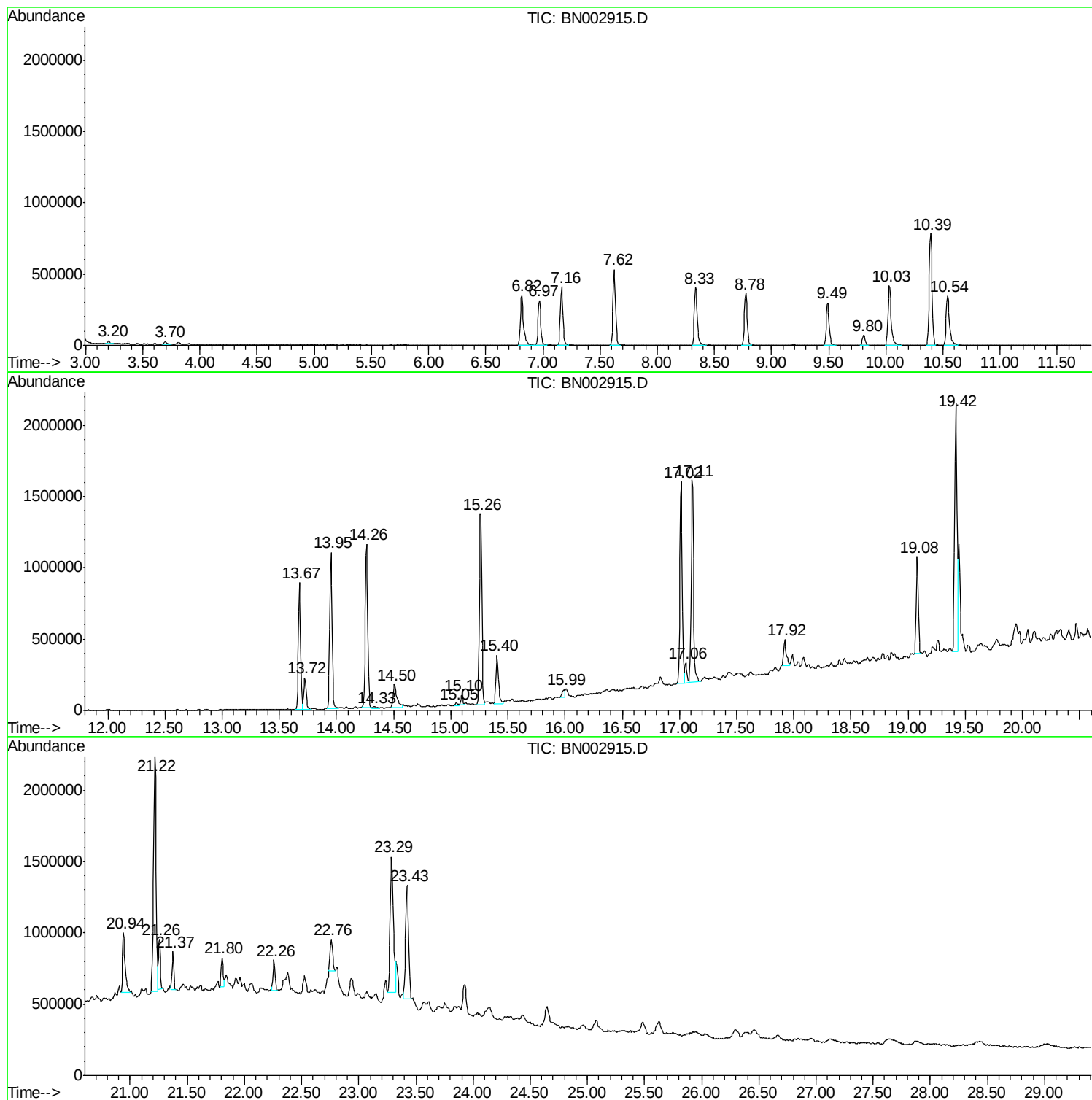
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Quant Title : SVOA CALIBRATION

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



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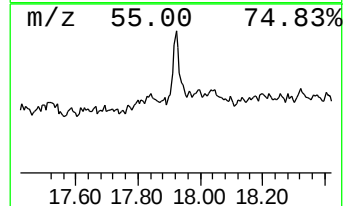
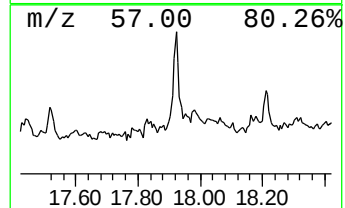
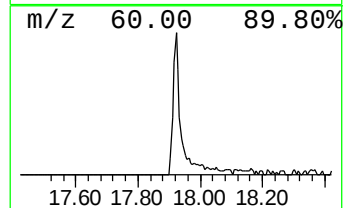
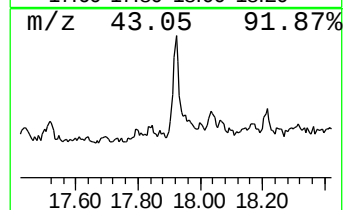
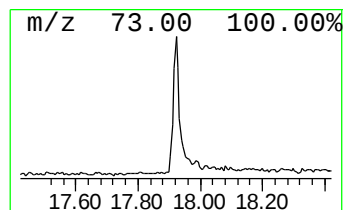
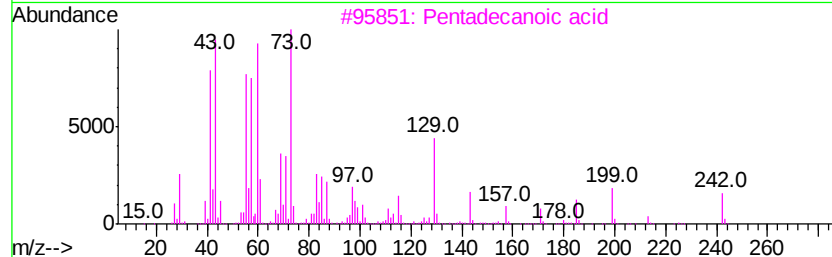
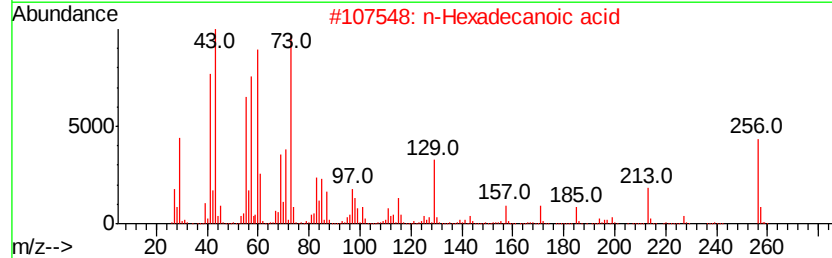
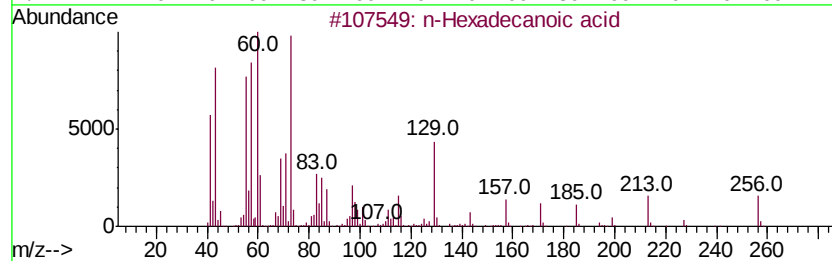
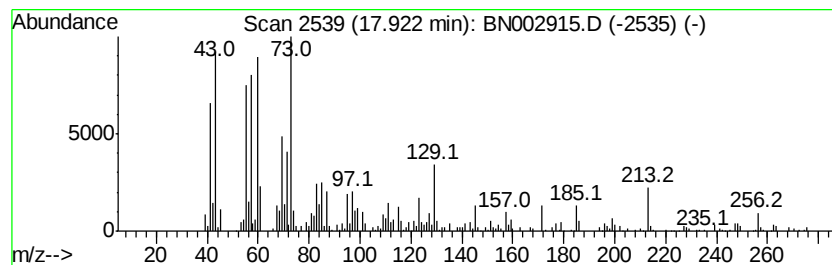
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.72 ng/ul	285020	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	95
4		Undecanoic acid	186	C11H22O2	000112-37-8	89
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



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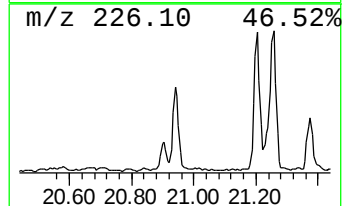
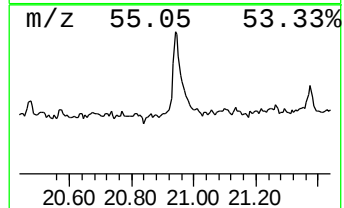
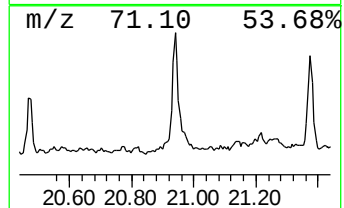
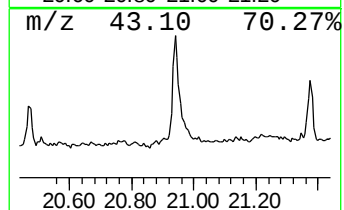
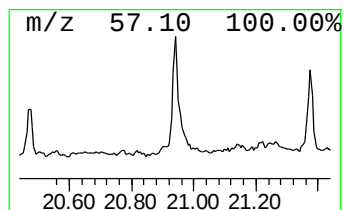
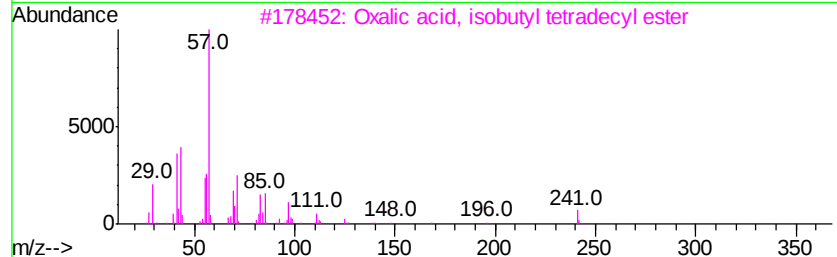
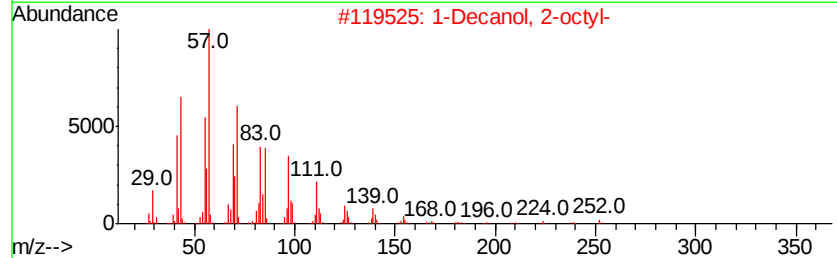
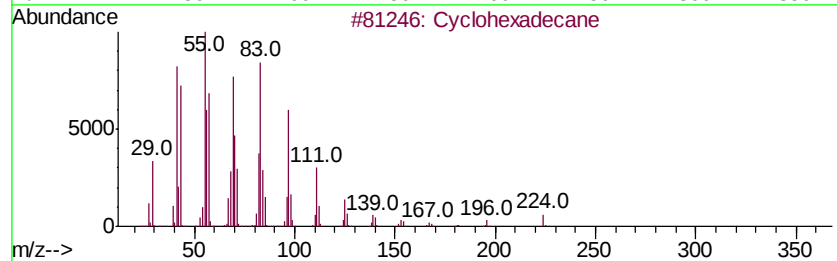
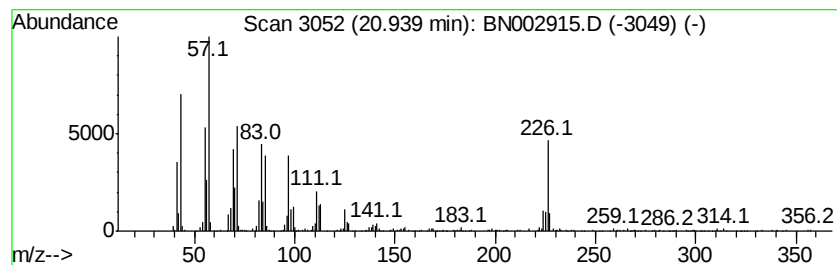
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Peak Number 2 (DEL) Alkane: Cyclic20.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.39 ng/ul	681813	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 95
2		1-Decanol, 2-octyl-	270 C18H38O	045235-48-1 68
3		Oxalic acid, isobutyl tetradecyl...	342 C20H38O4	1000309-37-9 62
4		Oxalic acid, isobutyl hexadecyl ...	370 C22H42O4	1000309-38-1 62
5		Oxalic acid, isobutyl pentadecyl...	356 C21H40O4	1000309-38-0 62



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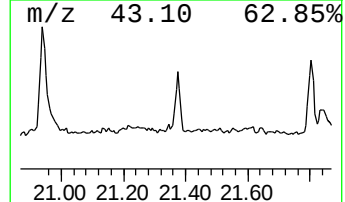
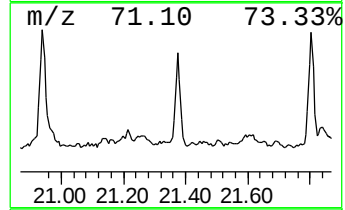
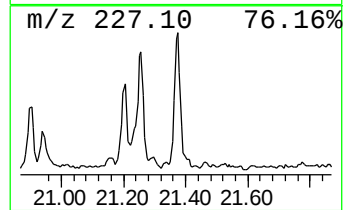
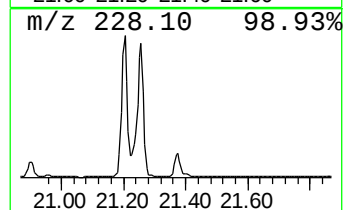
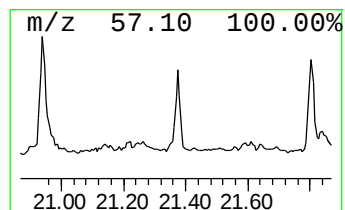
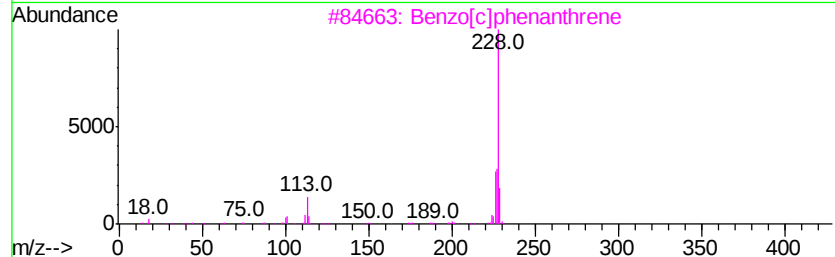
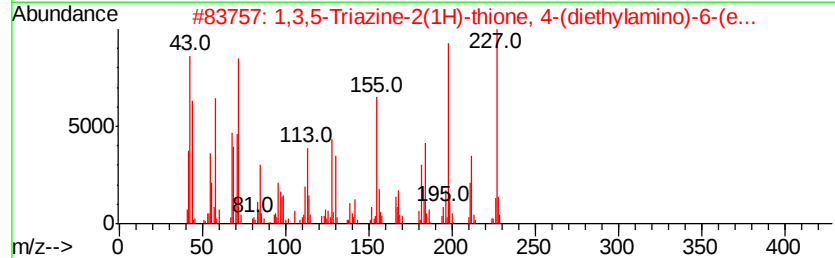
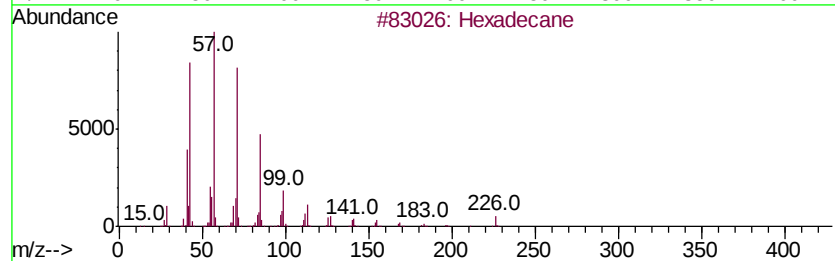
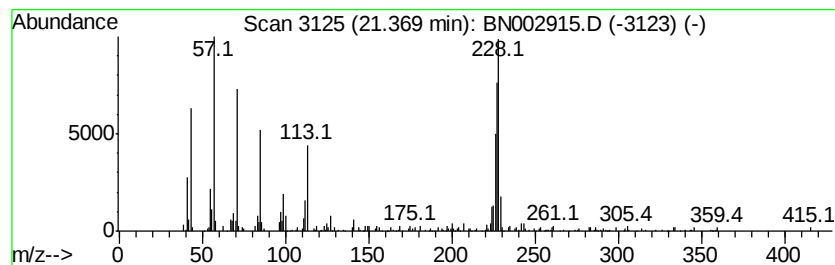
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.22 ng/ul	280722	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	45
2		1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	42
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
4		5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	38
5		Benzo[c]phenanthrene	228	C18H12	000195-19-7	38



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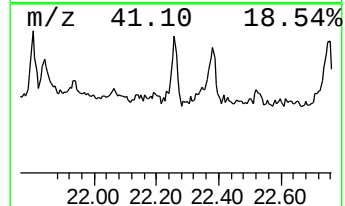
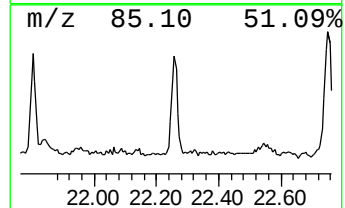
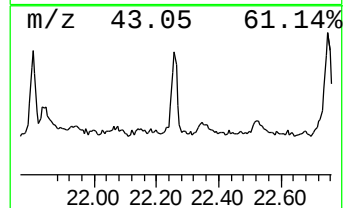
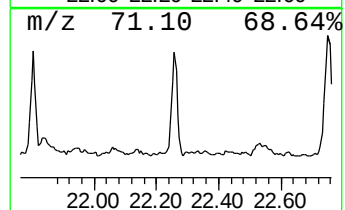
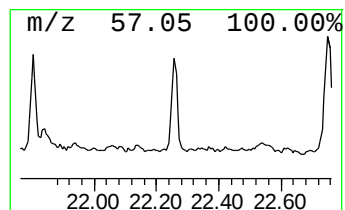
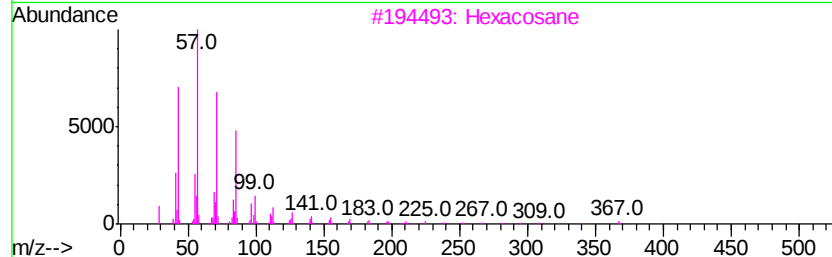
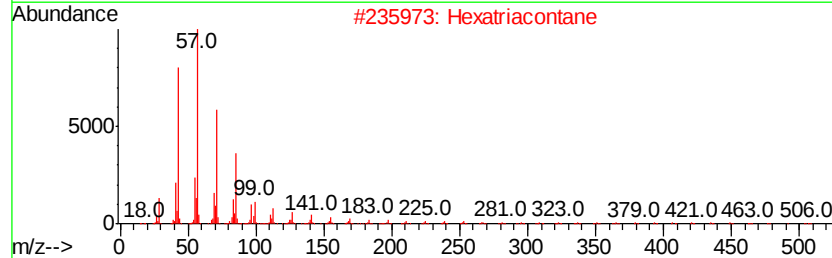
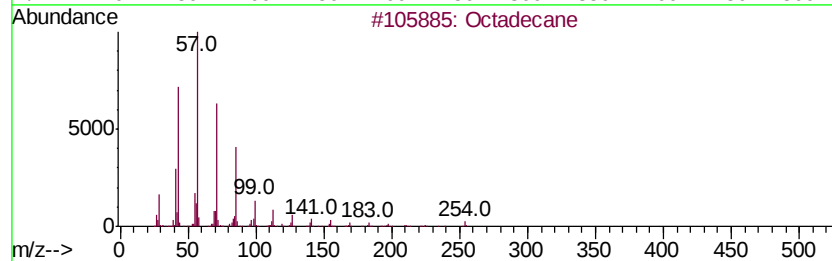
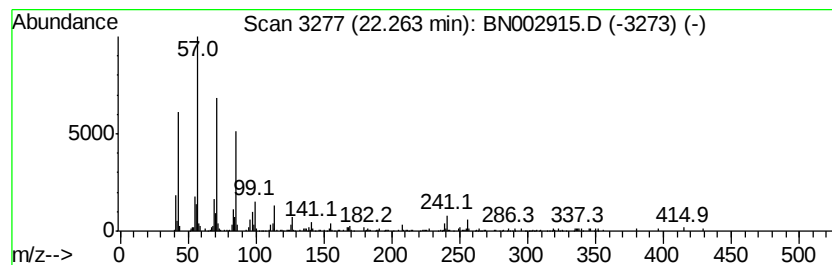
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.08 ng/ul	263189	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	2.7	ng/ul	285020	4	17.02	2099550	20.0
(DEL) Alkane: Cyc...	20.94	5.4	ng/ul	681813	5	21.22	2528390	20.0
(DEL) Alkane: Str...	21.37	2.2	ng/ul	280722	5	21.22	2528390	20.0
(DEL) Alkane: Str...	22.26	2.1	ng/ul	263189	5	21.22	2528390	20.0