

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
 Data File : BM014839.D
 Acq On : 25 Apr 2018 18:20
 Operator : SJ/JU
 Sample : J2449-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD9

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-BM041918.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	3.340	5	9	26	rVB	2062893	3005756	58.27%	4.498%
2	3.646	57	61	67	rVB	54782	79419	1.54%	0.119%
3	7.622	730	737	751	rVB	895993	1499582	29.07%	2.244%
4	7.804	761	768	778	rBV	727743	1133917	21.98%	1.697%
5	8.022	795	805	812	rBV	913848	1502191	29.12%	2.248%
6	8.504	879	887	900	rVB	1101314	1808733	35.06%	2.707%
7	9.198	997	1005	1016	rBV	897039	1467552	28.45%	2.196%
8	9.681	1079	1087	1095	rBV	811150	1408310	27.30%	2.108%
9	10.410	1201	1211	1222	rBV	622929	1083107	21.00%	1.621%
10	10.951	1295	1303	1313	rBV	1003477	1710798	33.17%	2.560%
11	11.345	1363	1370	1377	rBV	1507590	2570583	49.83%	3.847%
12	11.469	1384	1391	1400	rBV	752534	1301269	25.23%	1.948%
13	14.498	1898	1906	1910	rBV	1802925	2499682	48.46%	3.741%
14	14.539	1910	1913	1919	rVB	379090	556998	10.80%	0.834%
15	14.804	1952	1958	1967	rBV	1932436	2965257	57.48%	4.438%
16	14.916	1973	1977	1981	rBV2	29739	53713	1.04%	0.080%
17	14.957	1981	1984	1989	rVB	84691	113624	2.20%	0.170%
18	15.110	2003	2010	2017	rVB2	2052529	3204124	62.12%	4.795%
19	15.263	2027	2036	2045	rBV	776671	1148700	22.27%	1.719%
20	15.892	2138	2143	2149	rVB2	116642	203670	3.95%	0.305%
21	16.080	2169	2175	2182	rBV	2525512	3774082	73.16%	5.648%
22	16.180	2187	2192	2200	rVV	663599	929150	18.01%	1.391%
23	16.745	2284	2288	2292	rBV	90549	142952	2.77%	0.214%
24	17.527	2418	2421	2426	rVB	63833	78242	1.52%	0.117%
25	17.821	2462	2471	2476	rBV	2551818	3827110	74.19%	5.728%
26	17.862	2476	2478	2482	rVV	156572	176085	3.41%	0.264%
27	17.915	2482	2487	2499	rVB	2767038	4048486	78.48%	6.059%
28	18.145	2521	2526	2530	rBV	34189	52079	1.01%	0.078%
29	18.439	2571	2576	2581	rVB	101468	135898	2.63%	0.203%
30	18.645	2606	2611	2620	rBV2	353291	561041	10.88%	0.840%
31	19.827	2808	2812	2817	rVB	271051	362308	7.02%	0.542%
32	19.886	2818	2822	2829	rBV	205058	280229	5.43%	0.419%
33	20.156	2862	2868	2879	rVB	3546155	5131553	99.48%	7.680%
34	21.350	3068	3071	3076	rBV3	133806	263600	5.11%	0.395%

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35	21.562	3104	3107	3110	rBV2	340748	374631	7.26%	0.561%
36	21.856	3153	3157	3160	rBV2	299769	415031	8.05%	0.621%
37	21.909	3160	3166	3170	rBV	3324975	4715285	91.41%	7.057%
38	22.121	3198	3202	3206	rBV3	272873	402679	7.81%	0.603%
39	22.391	3245	3248	3255	rVB4	245214	416084	8.07%	0.623%
40	22.586	3278	3281	3287	rBV3	239191	345379	6.70%	0.517%
41	23.562	3443	3447	3452	rVB	416426	614308	11.91%	0.919%
42	24.233	3554	3561	3574	rVB	2428802	5158356	100.00%	7.720%
43	24.391	3582	3588	3597	rVB	2177436	4271114	82.80%	6.392%
44	24.933	3675	3680	3688	rVB2	500176	1024220	19.86%	1.533%

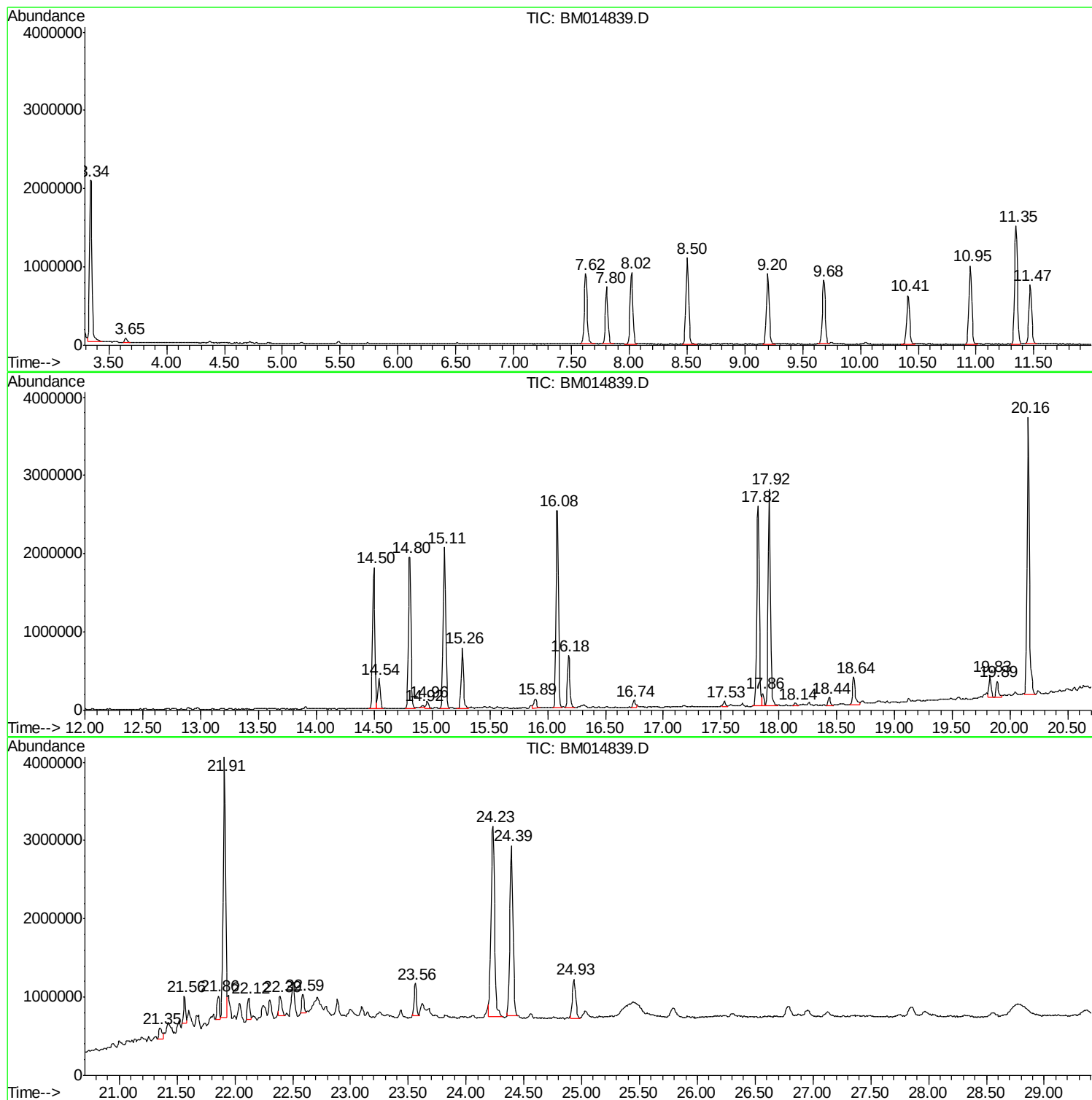
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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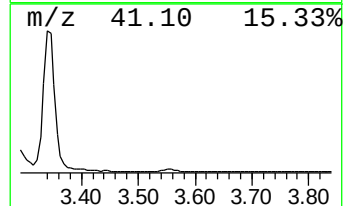
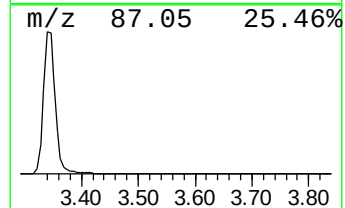
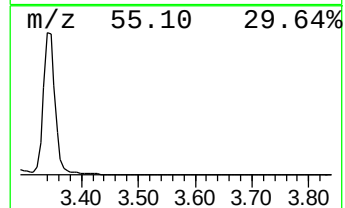
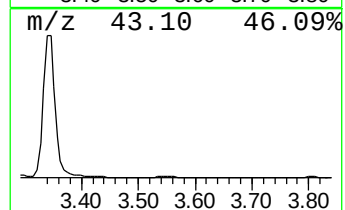
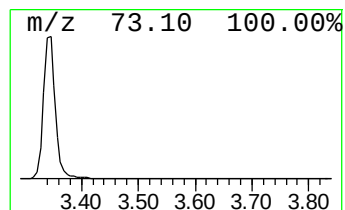
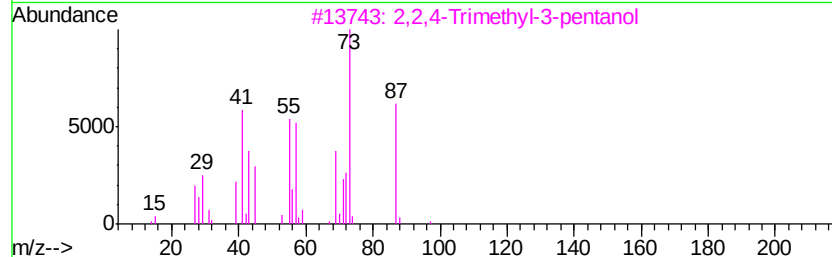
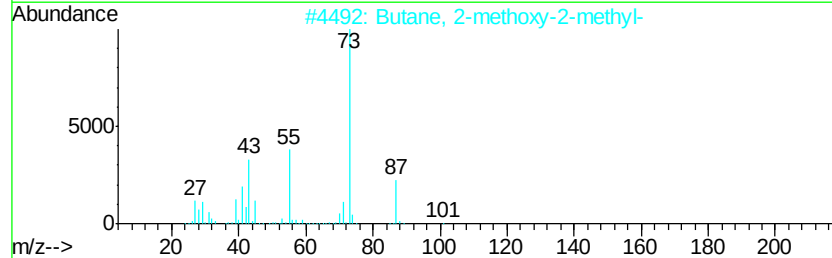
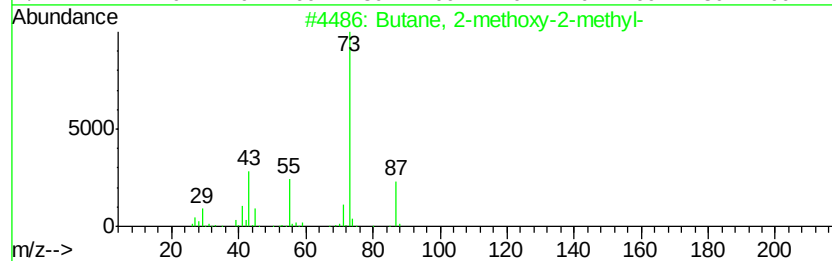
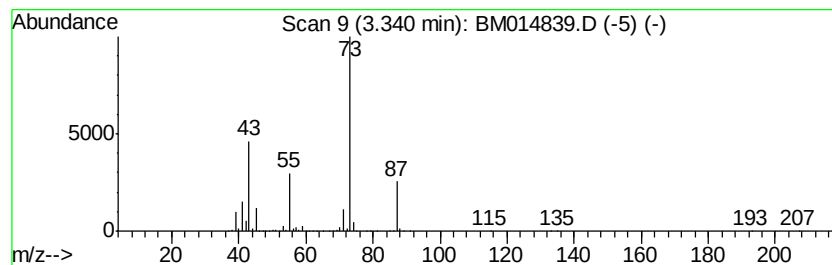
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	33.24 ng/ul	3005760	1,4-Dichlorobenzene-d4	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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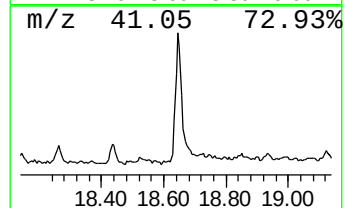
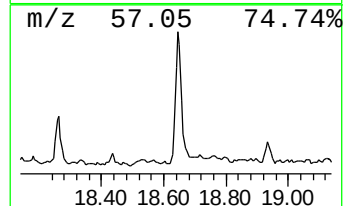
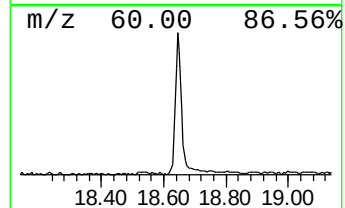
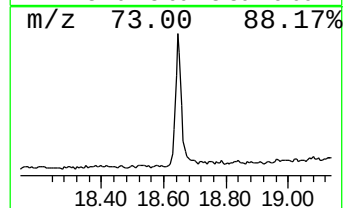
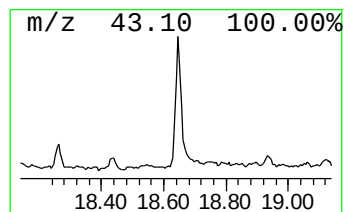
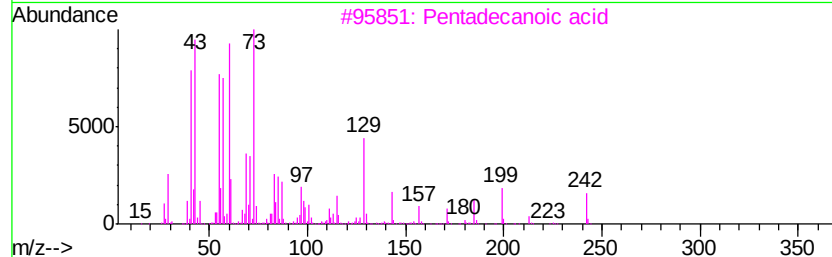
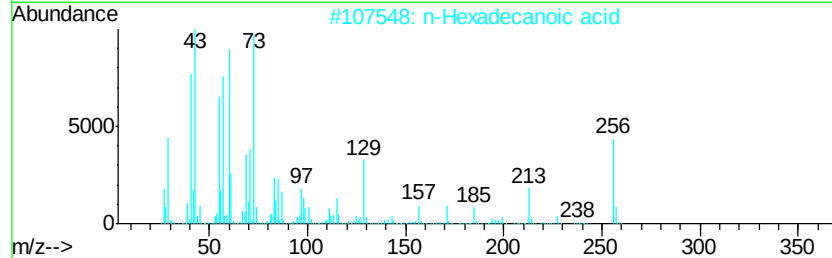
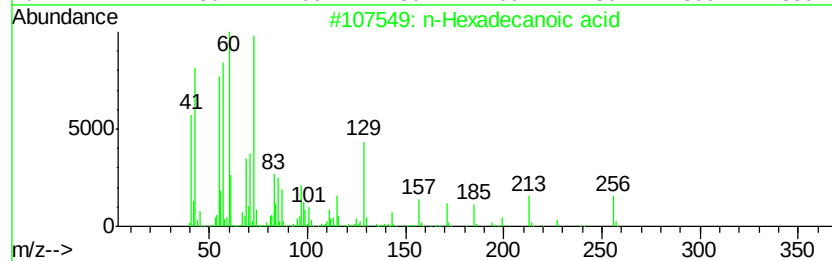
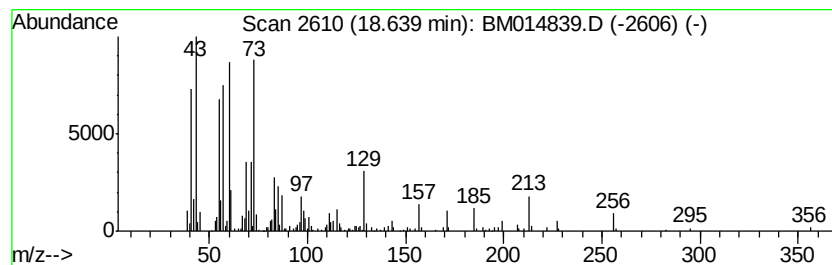
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.93 ng/ul	561041	Phenanthrene-d10	17.82

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	95	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76	



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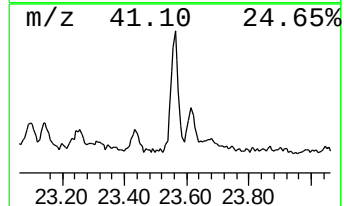
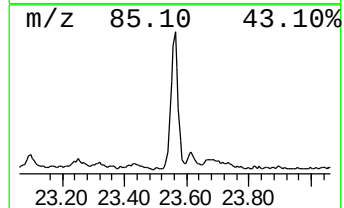
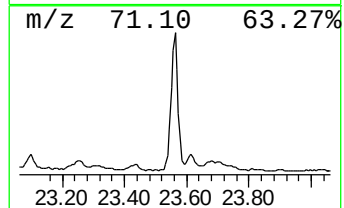
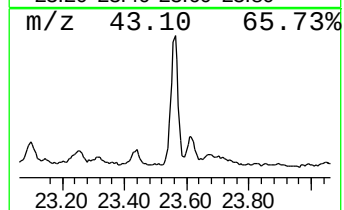
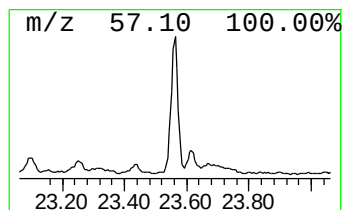
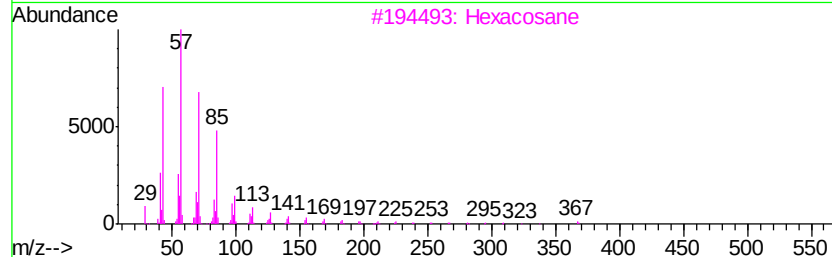
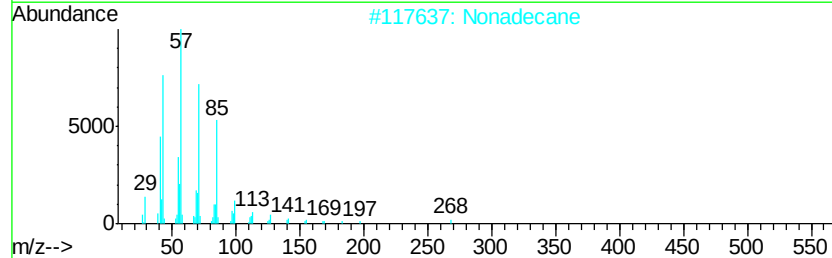
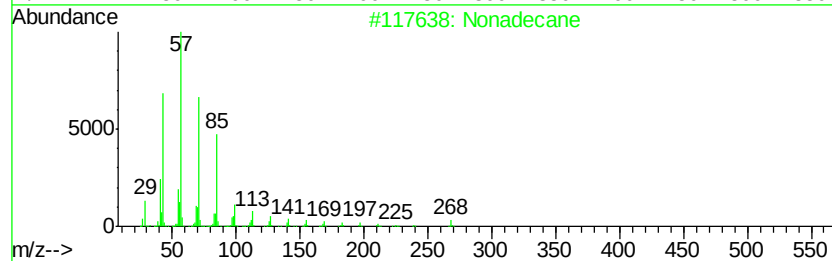
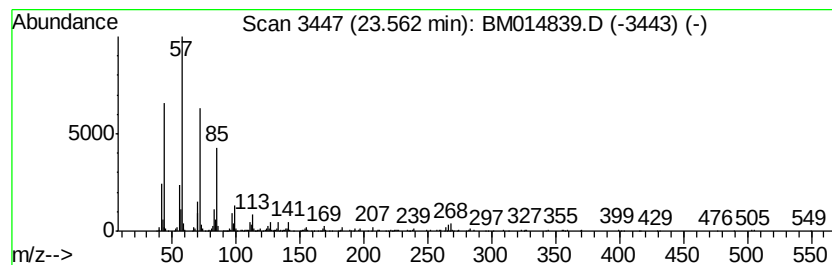
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.56	2.88 ng/ul	614308	Perylene-d12	24.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Nonadecane	268	C19H40	000629-92-5	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Hexatriacontane	507	C36H74	000630-06-8	87



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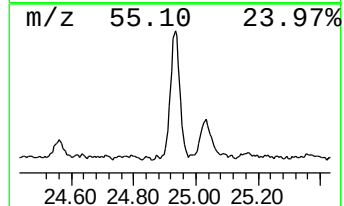
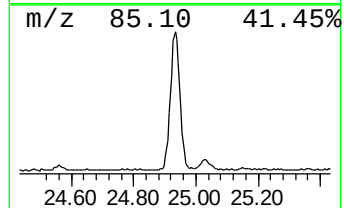
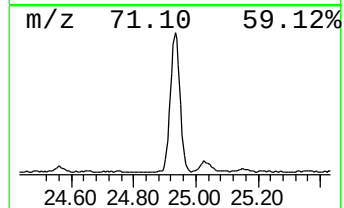
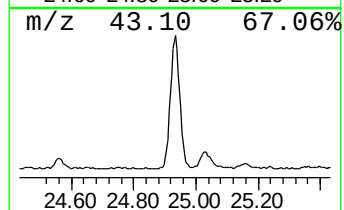
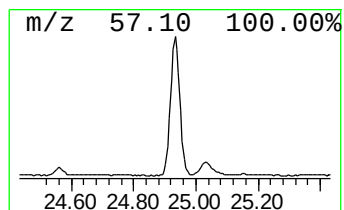
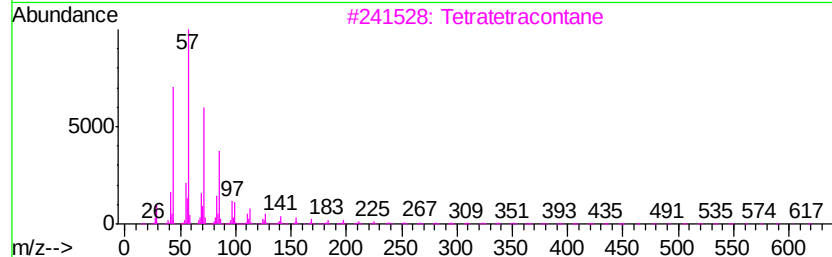
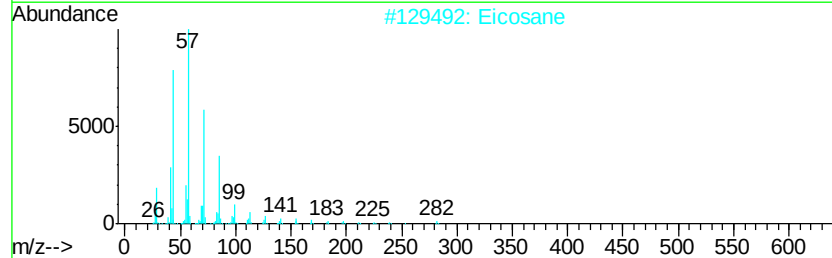
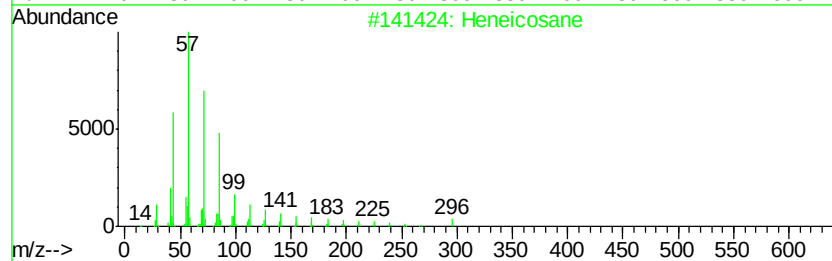
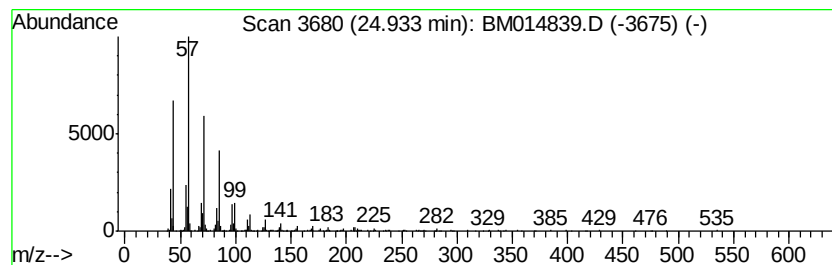
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	4.80 ng/ul	1024220	Perylene-d12	24.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Eicosane	282	C20H42	000112-95-8	95
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Hexacosane	366	C26H54	000630-01-3	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.34	33.2	ng/ul	3005760	1	8.50	1808730	20.0
n-Hexadecanoic acid	18.64	2.9	ng/ul	561041	4	17.82	3827110	20.0
(DEL) Alkane: Str...	23.56	2.9	ng/ul	614308	6	24.39	4271110	20.0
(DEL) Alkane: Str...	24.93	4.8	ng/ul	1024220	6	24.39	4271110	20.0