

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
 Data File : BM010462.D
 Acq On : 09 Jun 2017 20:16
 Operator : SJ/MA
 Sample : I3520-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A37

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	6.545	581	588	593	rBV2	116130	176309	3.16%	0.259%
2	7.087	671	680	691	rBV	637525	1180086	21.18%	1.735%
3	7.245	700	707	715	rBV	442728	677907	12.16%	0.996%
4	7.439	733	740	749	rBV	727316	1169821	20.99%	1.719%
5	7.904	812	819	834	rBV	1107153	1767255	31.71%	2.598%
6	8.622	935	941	951	rBV	674315	1122041	20.13%	1.649%
7	9.086	1012	1020	1029	rBV	639984	1088527	19.53%	1.600%
8	9.798	1134	1141	1152	rBV2	588797	1024247	18.38%	1.506%
9	10.333	1225	1232	1242	rBV	962681	1653426	29.67%	2.430%
10	10.704	1287	1295	1302	rBV	1386629	2330909	41.83%	3.426%
11	10.869	1316	1323	1342	rBV	642191	1230332	22.08%	1.808%
12	12.451	1586	1592	1597	rBV4	117578	214693	3.85%	0.316%
13	13.368	1743	1748	1754	rBV3	66365	108639	1.95%	0.160%
14	13.698	1800	1804	1808	rVB4	77273	103366	1.85%	0.152%
15	13.763	1810	1815	1820	rBV4	89977	142212	2.55%	0.209%
16	13.821	1821	1825	1831	rVB5	53927	93776	1.68%	0.138%
17	13.904	1834	1839	1842	rBV5	54968	82272	1.48%	0.121%
18	13.951	1842	1847	1852	rVV	1904936	2661681	47.76%	3.912%
19	13.998	1852	1855	1862	rVB	616198	795978	14.28%	1.170%
20	14.239	1886	1896	1904	rBV	1896166	2831764	50.82%	4.162%
21	14.457	1926	1933	1939	rBV2	896813	1241949	22.29%	1.826%
22	14.539	1941	1947	1962	rVB2	2305834	3497746	62.77%	5.141%
23	14.751	1975	1983	1985	rBV3	256589	426823	7.66%	0.627%
24	14.780	1985	1988	1999	rVB2	612307	1012241	18.16%	1.488%
25	15.533	2107	2116	2123	rBV	2541270	3712587	66.62%	5.457%
26	15.657	2131	2137	2143	rBV	807035	1108708	19.90%	1.630%
27	15.986	2188	2193	2198	rVB6	64754	100540	1.80%	0.148%
28	17.139	2384	2389	2394	rBV8	56470	94864	1.70%	0.139%
29	17.286	2408	2414	2425	rVB	3236120	4545745	81.57%	6.682%
30	17.386	2425	2431	2441	rBV	2978156	4237343	76.04%	6.228%
31	18.021	2532	2539	2544	rBV10	43690	111122	1.99%	0.163%
32	18.080	2544	2549	2552	rVV7	57141	82146	1.47%	0.121%
33	18.133	2552	2558	2568	rBV2	472974	686223	12.31%	1.009%
34	18.327	2587	2591	2596	rBV5	66496	84805	1.52%	0.125%

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Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	18.633	2638	2643	2648	rVB4	312370	444739	7.98%	0.654%
36	19.292	2752	2755	2757	rBV3	67594	84597	1.52%	0.124%
37	19.403	2770	2774	2779	rBV4	268291	368584	6.61%	0.542%
38	19.674	2814	2820	2826	rBV	3931487	5276674	94.69%	7.756%
39	20.039	2879	2882	2886	rVB5	95175	130362	2.34%	0.192%
40	20.092	2887	2891	2896	rBV4	118226	196110	3.52%	0.288%
41	20.186	2905	2907	2912	rBV5	60163	86949	1.56%	0.128%
42	20.680	2988	2991	2995	rBV6	77740	92069	1.65%	0.135%
43	20.991	3040	3044	3051	rBV	3292549	3476888	62.39%	5.111%
44	21.450	3117	3122	3127	rBV	4509985	5572646	100.00%	8.191%
45	22.956	3374	3378	3385	rVB2	574149	800227	14.36%	1.176%
46	23.638	3488	3494	3502	rVB2	2168637	4318332	77.49%	6.347%
47	23.791	3514	3520	3528	rVB	2303666	4492888	80.62%	6.604%
48	24.197	3584	3589	3596	rVB	648453	1294172	23.22%	1.902%

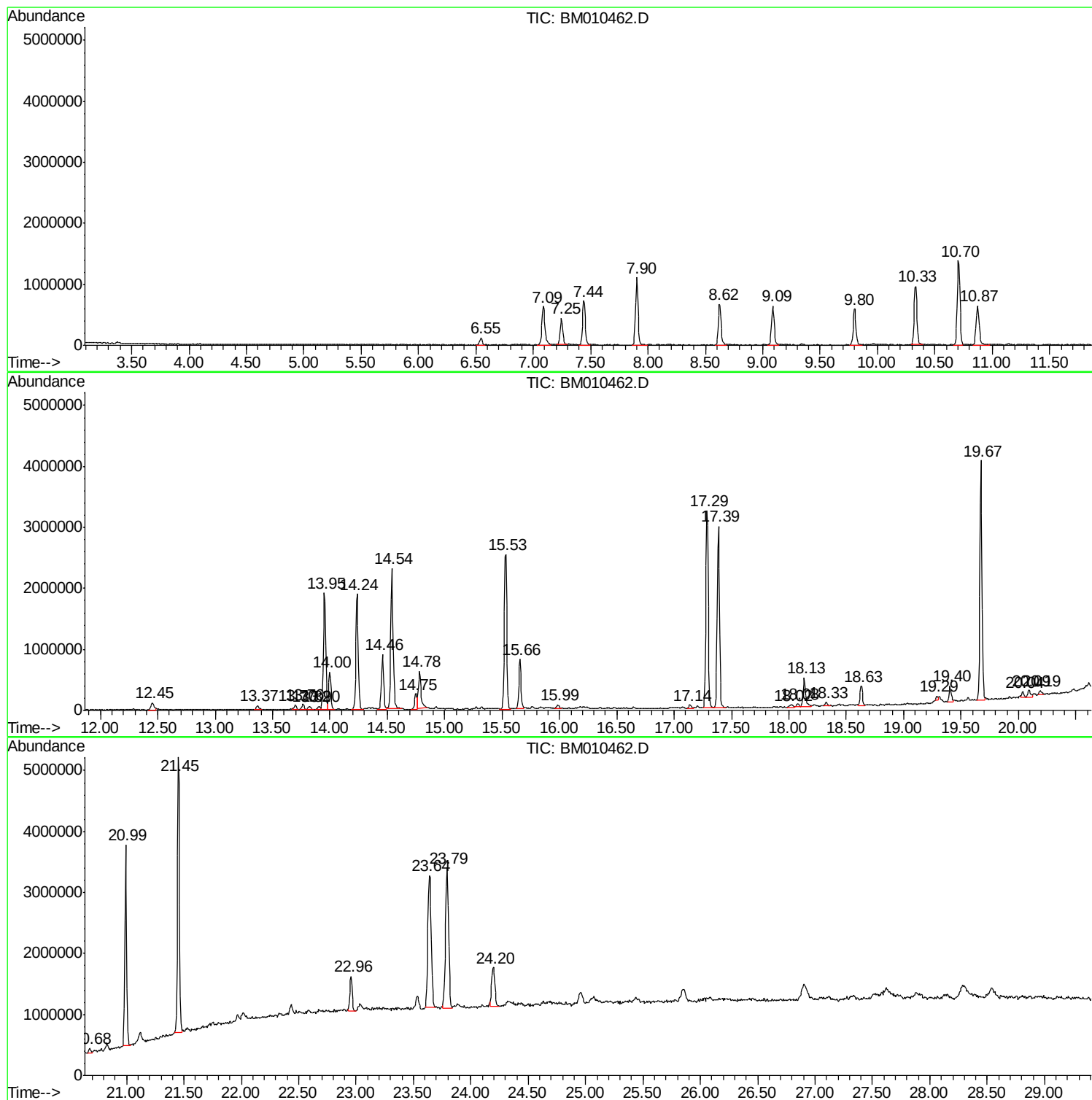
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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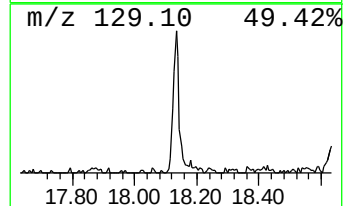
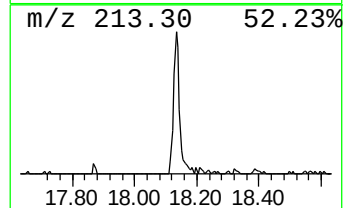
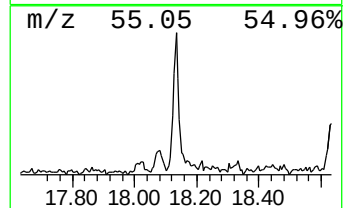
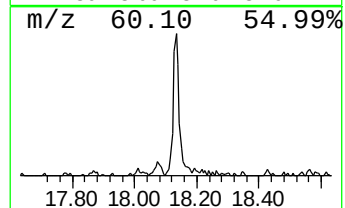
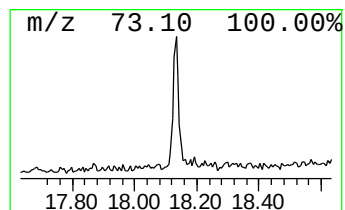
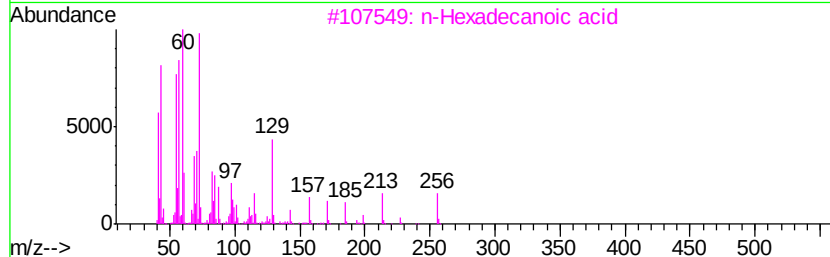
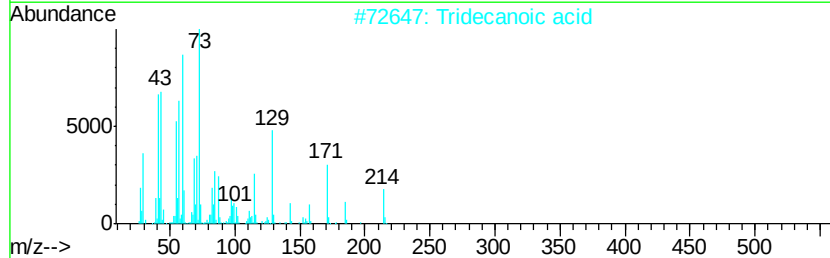
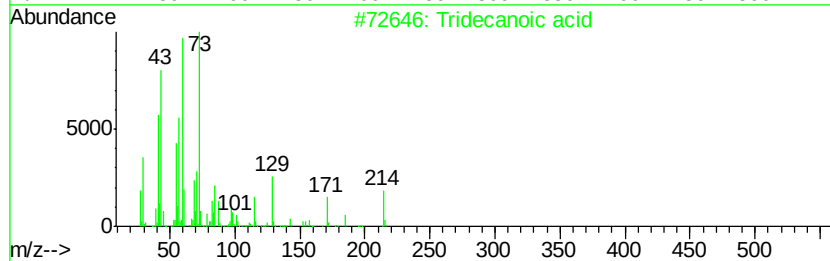
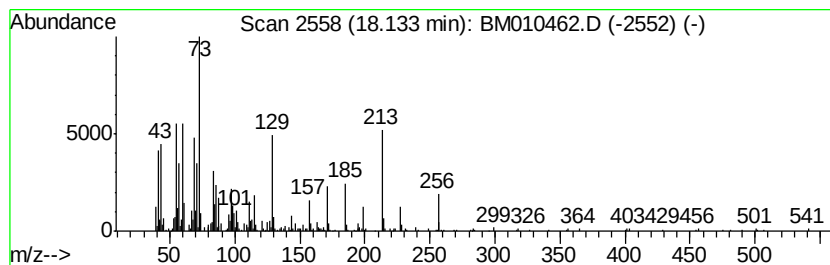
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.13	3.02 ng/ul	686223	Phenanthrene-d10		17.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	92
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5			Tridecanoic acid	214	C13H26O2	000638-53-9	60



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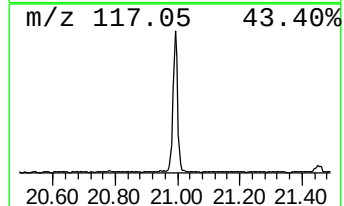
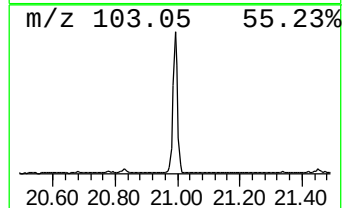
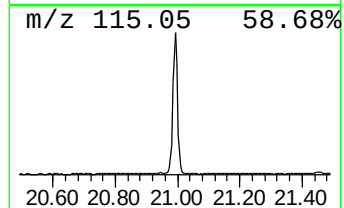
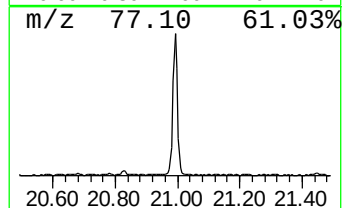
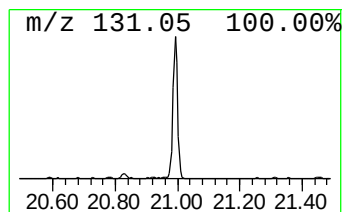
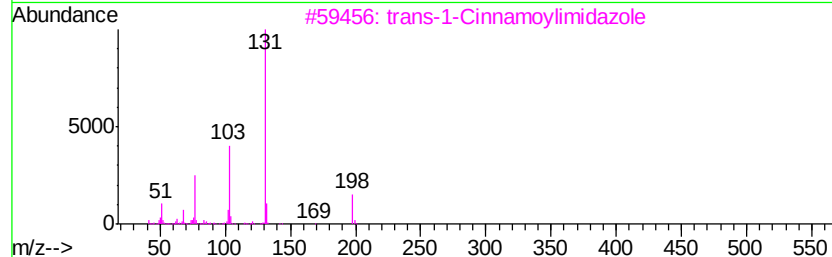
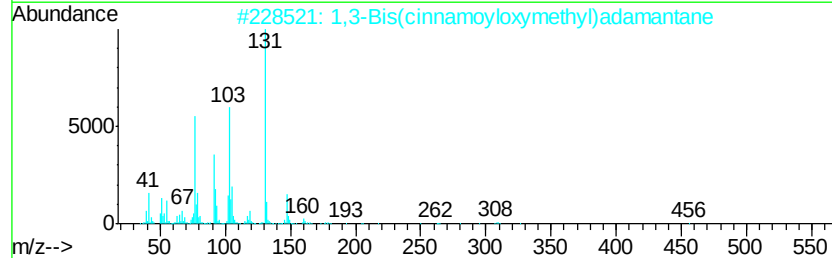
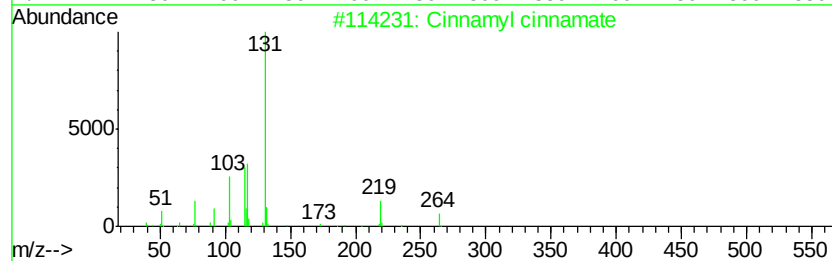
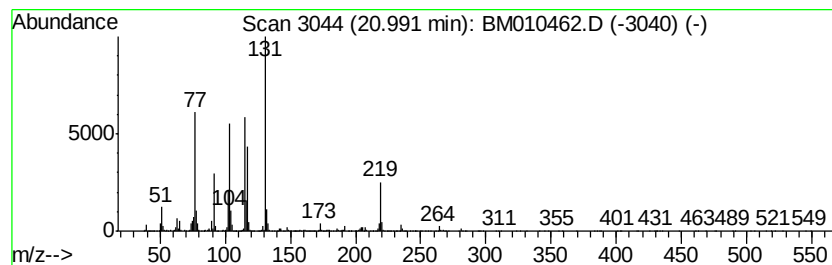
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Peak Number 3 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	12.48 ng/ul	3476890	Chrysene-d12	21.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cinnamyl cinnamate	264 C18H16O2	000122-69-0	59
2	1,3-Bis(cinnamoyloxymethyl)adama...	456 C30H32O4	303797-58-2	47
3	trans-1-Cinnamoylimidazole	198 C12H10N2O	001138-15-4	47
4	Propanedioic acid, nitrile, hydr...	229 C12H11N3O2	294878-35-6	47
5	p-Vinylbenzohydrazide	162 C9H10N2O	1000244-74-9	43



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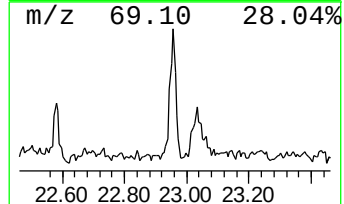
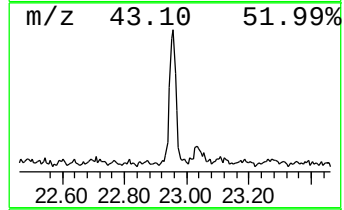
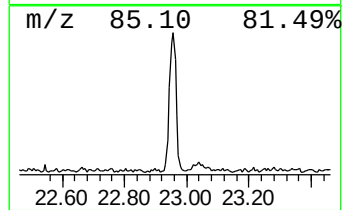
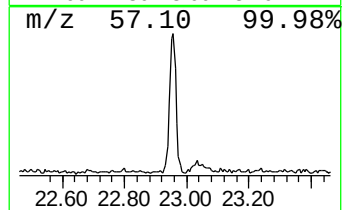
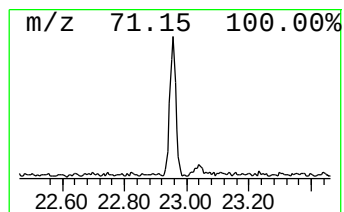
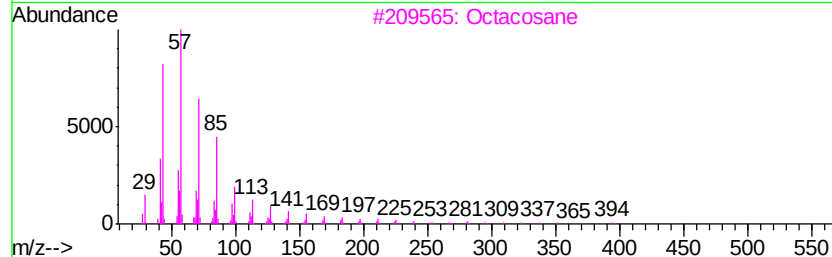
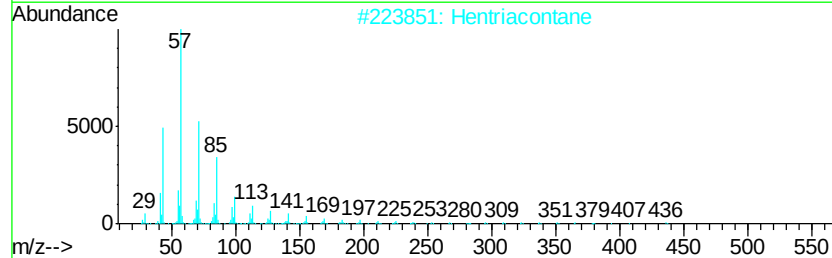
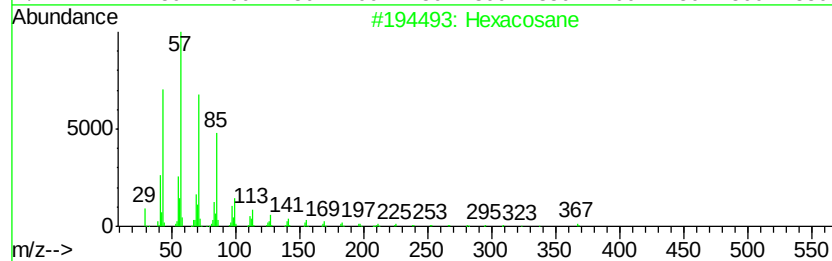
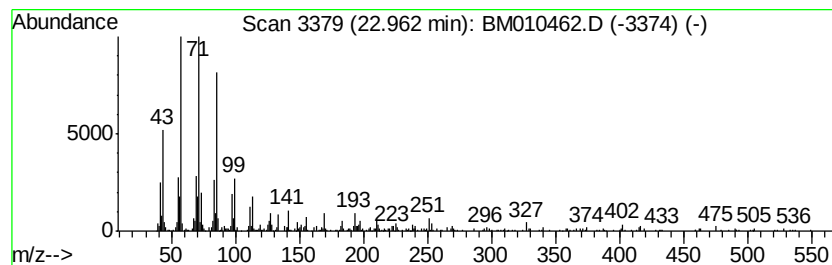
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Quant Title : SVOA CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	3.56 ng/ul	800227	Perylene-d12	23.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	83
2		Hentriacontane	437	C31H64	000630-04-6	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Heneicosane	296	C21H44	000629-94-7	80



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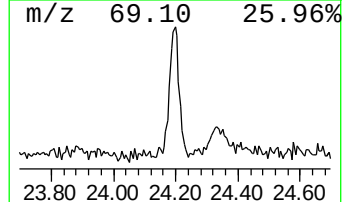
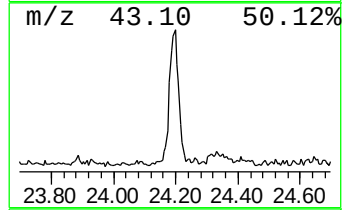
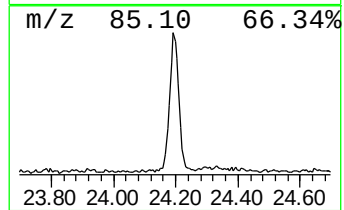
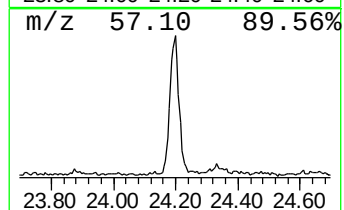
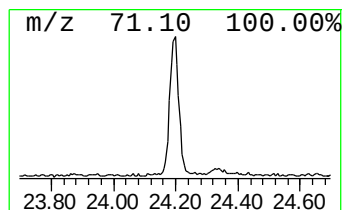
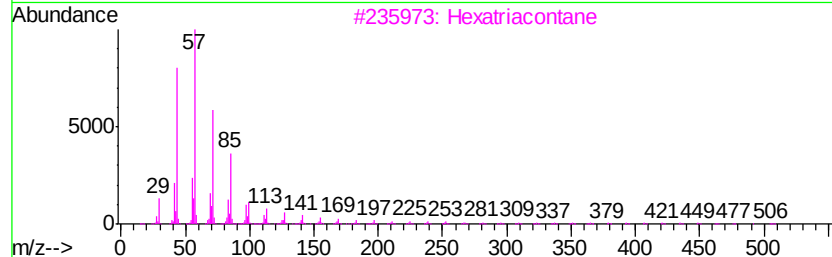
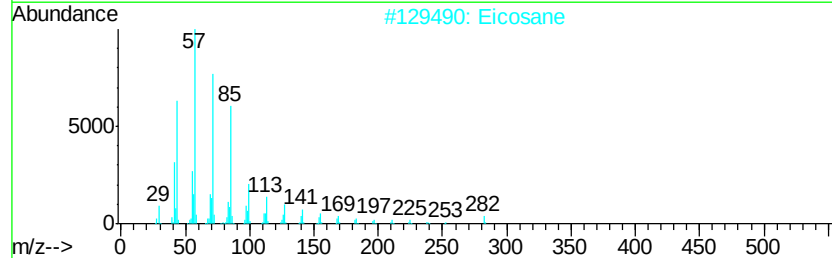
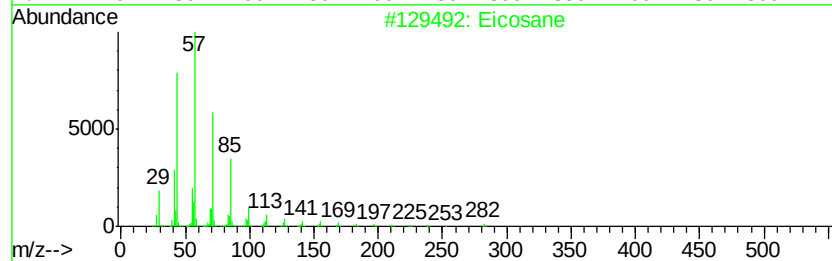
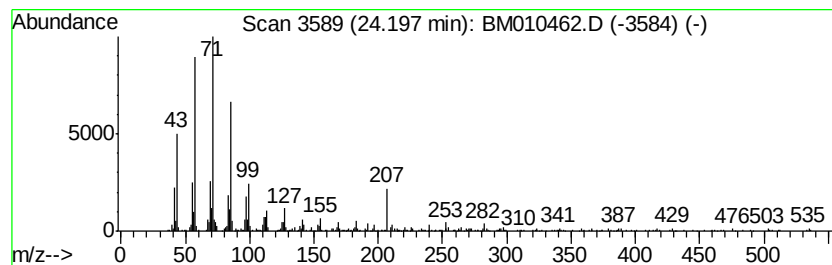
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	5.76 ng/ul	1294170	Perylene-d12	23.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	89
3		Hexatriacontane	507	C36H74	000630-06-8	89
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
5		Hexacosane	366	C26H54	000630-01-3	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,6-Cyclodecadien...	14.46	7.1	ng/ul	1241950	3	14.54	3497750	20.0
Tridecanoic acid	18.13	3.0	ng/ul	686223	4	17.29	4545750	20.0
Cinnamyl cinnamate	20.99	12.5	ng/ul	3476890	5	21.45	5572650	20.0
(DEL) Alkane: Str...	22.96	3.6	ng/ul	800227	6	23.79	4492890	20.0
(DEL) Alkane: Str...	24.20	5.8	ng/ul	1294170	6	23.79	4492890	20.0