

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005551.D
 Acq On : 21 May 2016 15:28
 Operator : UM/SJ
 Sample : H2841-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WR3

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\SOM02.2-EPA-BM052016.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	2.699	15	19	29	rVB	36981	82168	3.40%	0.254%
2	6.981	741	747	756	rVB	210822	327532	13.57%	1.011%
3	7.151	770	776	786	rVV	163088	259027	10.73%	0.799%
4	7.246	786	792	800	rVV	237329	348562	14.44%	1.075%
5	7.351	804	810	822	rVB2	214833	393653	16.31%	1.215%
6	7.822	883	890	897	rVB	218029	352774	14.62%	1.088%
7	8.351	969	980	986	rBV	139354	342087	14.17%	1.055%
8	8.516	998	1008	1017	rBV	263096	429077	17.78%	1.324%
9	8.622	1017	1026	1032	rBV	100206	150860	6.25%	0.465%
10	8.898	1067	1073	1079	rBV	118864	189454	7.85%	0.585%
11	8.975	1079	1086	1095	rVB	207025	337825	14.00%	1.042%
12	9.534	1173	1181	1188	rBV	90593	141249	5.85%	0.436%
13	9.692	1201	1208	1215	rVB	139669	223308	9.25%	0.689%
14	10.022	1257	1264	1273	rVB	327003	499167	20.68%	1.540%
15	10.228	1292	1299	1311	rVB2	284705	712348	29.51%	2.198%
16	10.610	1355	1364	1369	rBV	317815	553075	22.92%	1.706%
17	10.657	1369	1372	1380	rVB	104985	168102	6.96%	0.519%
18	10.745	1380	1387	1397	rBV2	56308	103536	4.29%	0.319%
19	12.492	1676	1684	1690	rVB	274588	437254	18.12%	1.349%
20	12.633	1700	1708	1716	rVB2	271865	589269	24.42%	1.818%
21	12.945	1755	1761	1768	rBV	302159	447548	18.54%	1.381%
22	13.280	1812	1818	1820	rBV2	29047	38641	1.60%	0.119%
23	13.322	1820	1825	1834	rVB	439123	688647	28.53%	2.125%
24	13.863	1911	1917	1921	rBV	380047	548635	22.73%	1.693%
25	13.910	1921	1925	1929	rVB	57262	76550	3.17%	0.236%
26	14.027	1939	1945	1953	rVB	307108	427716	17.72%	1.320%
27	14.145	1958	1965	1976	rVB2	677920	1274828	52.82%	3.933%
28	14.351	1995	2000	2006	rBV	45244	59491	2.46%	0.184%
29	14.451	2009	2017	2024	rBV2	493135	765765	31.73%	2.363%
30	14.510	2024	2027	2033	rVB	20750	30482	1.26%	0.094%
31	14.639	2043	2049	2056	rBV	207694	303875	12.59%	0.938%
32	14.810	2070	2078	2081	rBV	138714	204523	8.47%	0.631%
33	14.851	2081	2085	2090	rVB	243034	344147	14.26%	1.062%
34	15.304	2157	2162	2167	rVB	79925	97045	4.02%	0.299%

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35	15.445	2179	2186	2190	rBV	914211	1361582	56.41%	4.201%
36	15.498	2190	2195	2200	rVV2	990094	1422522	58.94%	4.389%
37	15.551	2200	2204	2210	rVB	82864	116433	4.82%	0.359%
38	15.686	2220	2227	2229	rBV3	17666	29245	1.21%	0.090%
39	16.163	2304	2308	2320	rBV	73496	134446	5.57%	0.415%
40	16.386	2341	2346	2352	rVB	358339	482235	19.98%	1.488%
41	16.498	2359	2365	2370	rBV	312615	449605	18.63%	1.387%
42	16.839	2418	2423	2432	rVB	387990	546483	22.64%	1.686%
43	16.957	2438	2443	2449	rBV3	37325	60142	2.49%	0.186%
44	17.192	2477	2483	2489	rBV	654859	947678	39.27%	2.924%
45	17.292	2493	2500	2503	rVV2	1095981	1674753	69.39%	5.167%
46	17.321	2503	2505	2512	rVB	425450	543279	22.51%	1.676%
47	17.592	2541	2551	2559	rBV	392953	563150	23.33%	1.737%
48	18.604	2719	2723	2728	rBV	20064	29425	1.22%	0.091%
49	18.945	2777	2781	2786	rBV4	29791	52739	2.19%	0.163%
50	19.215	2824	2827	2835	rVB2	25480	39940	1.65%	0.123%
51	19.351	2847	2850	2856	rVB2	27771	35396	1.47%	0.109%
52	19.462	2866	2869	2874	rVB	20004	28223	1.17%	0.087%
53	19.580	2883	2889	2897	rVB	1431054	1955130	81.01%	6.032%
54	20.509	3042	3047	3052	rVB	789394	911017	37.75%	2.811%
55	21.080	3140	3144	3151	rBV	80914	119605	4.96%	0.369%
56	21.356	3184	3191	3198	rBV2	1196697	2413527	100.00%	7.446%
57	22.174	3325	3330	3339	rVB	792034	992390	41.12%	3.062%
58	22.433	3371	3374	3378	rVB3	41781	56599	2.35%	0.175%
59	22.568	3392	3397	3402	rVB	169585	228780	9.48%	0.706%
60	22.956	3456	3463	3467	rBV	818335	1442013	59.75%	4.449%
61	23.003	3467	3471	3478	rVB	413524	668315	27.69%	2.062%
62	23.497	3548	3555	3568	rVB2	882262	1823769	75.56%	5.627%
63	23.644	3573	3580	3591	rVB	544633	1060484	43.94%	3.272%
64	24.197	3669	3674	3682	rVB	70556	135279	5.61%	0.417%
65	24.962	3799	3804	3812	rVB2	62742	140214	5.81%	0.433%

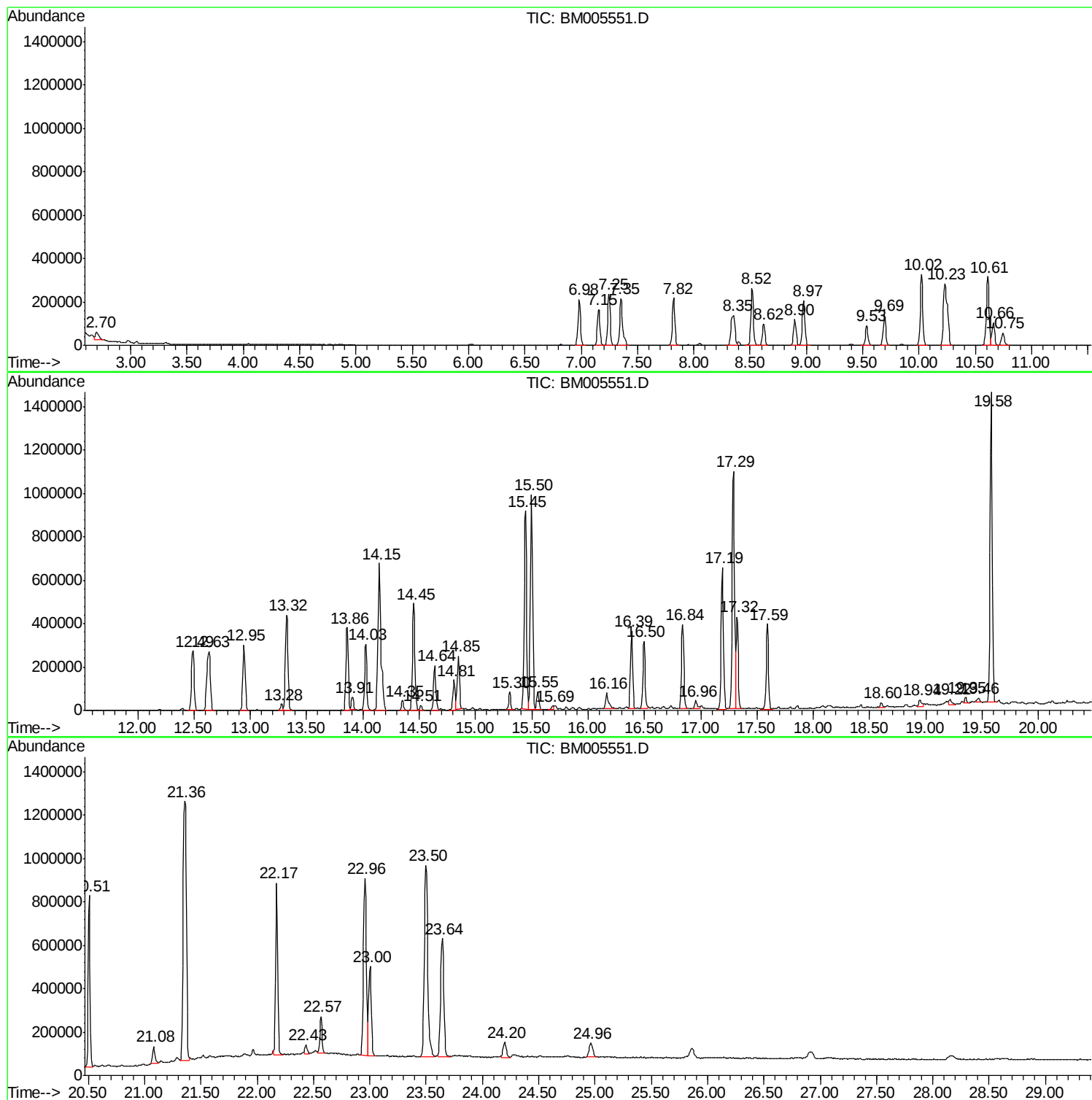
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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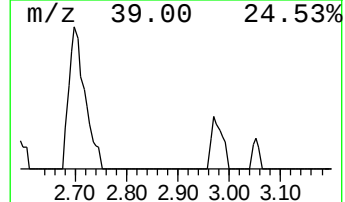
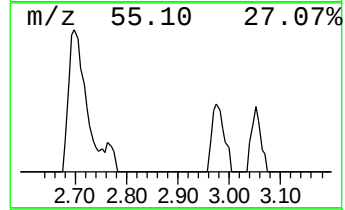
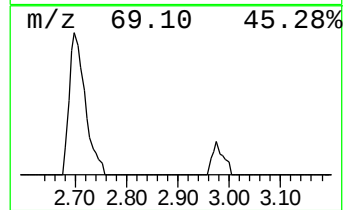
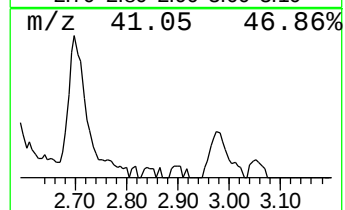
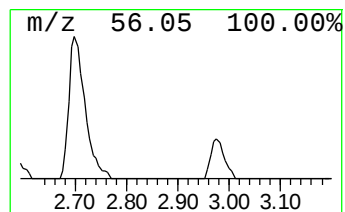
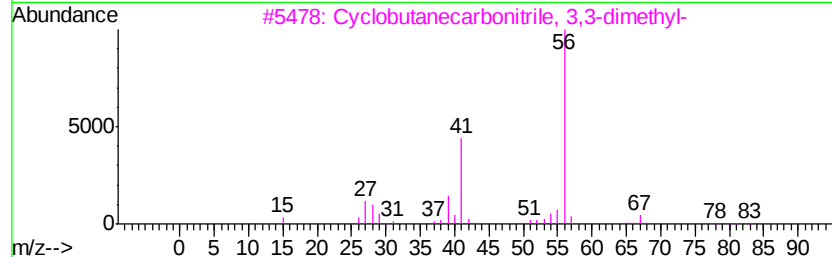
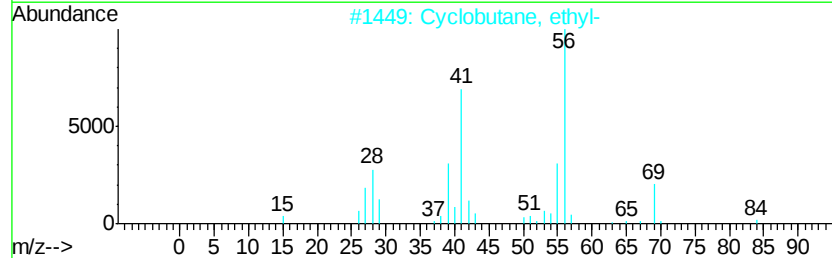
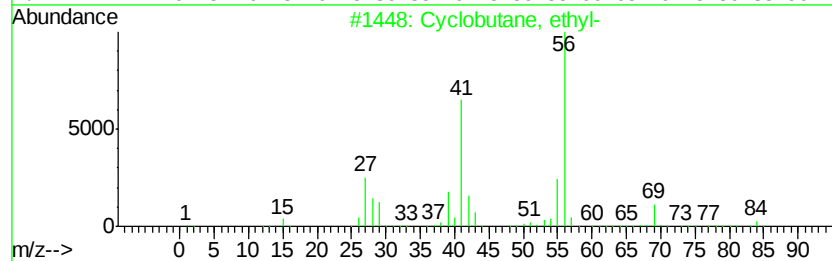
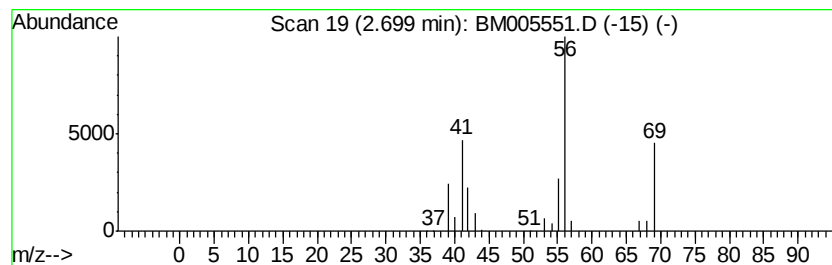
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.70	4.66 ng/ul	82168	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobutane, ethyl-	84	C6H12	004806-61-5	56
2			Cyclobutane, ethyl-	84	C6H12	004806-61-5	38
3			Cyclobutanecarbonitrile, 3,3-dim...	109	C7H11N	053783-86-1	9
4			Aziridine, 1-(2-buten-2-yl)-	97	C6H11N	1000158-95-2	9
5			2-Propenal	56	C3H4O	000107-02-8	5



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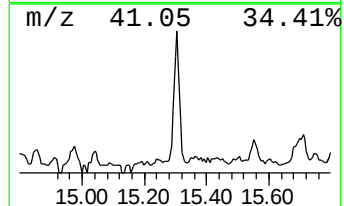
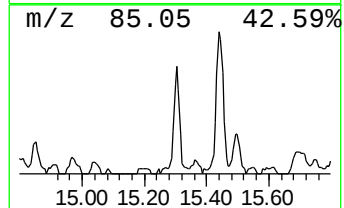
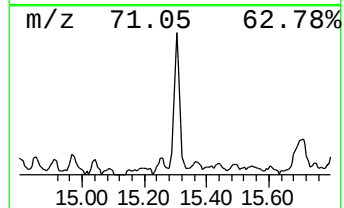
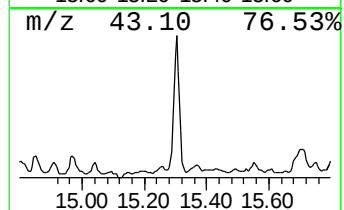
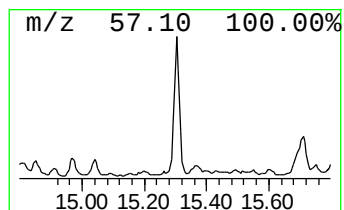
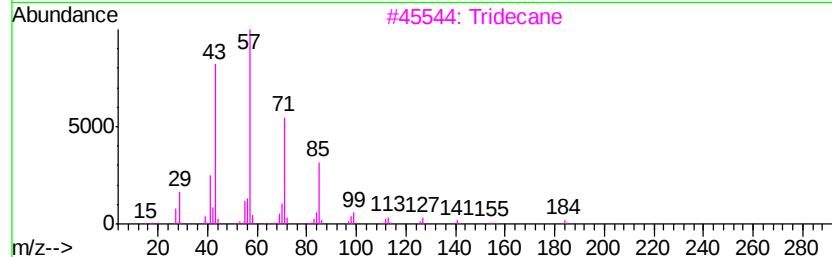
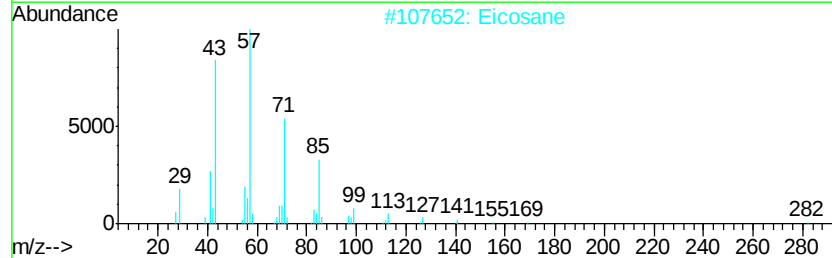
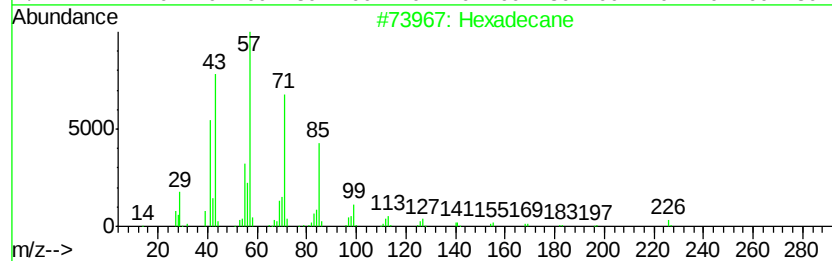
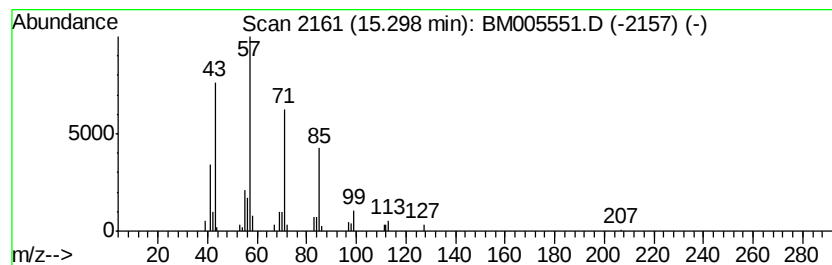
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.53 ng/ul	97045	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Nonadecane	268	C19H40	000629-92-5	87



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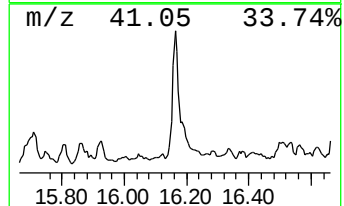
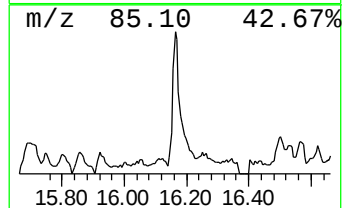
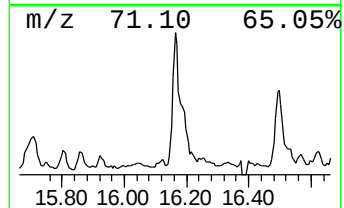
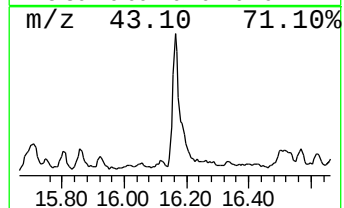
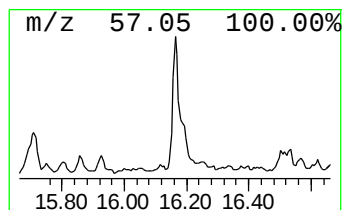
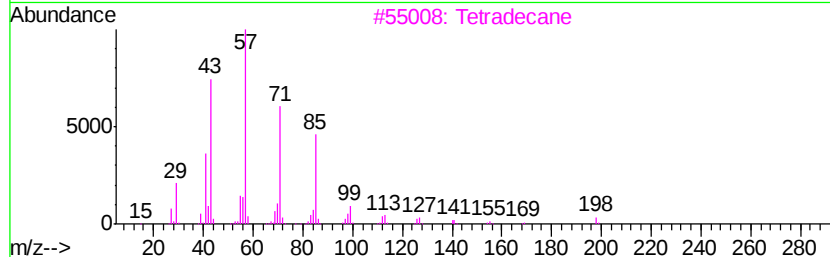
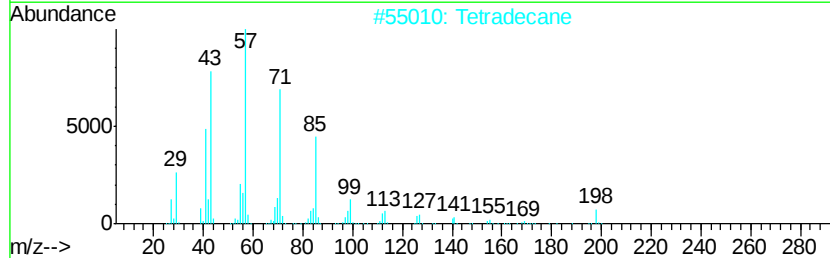
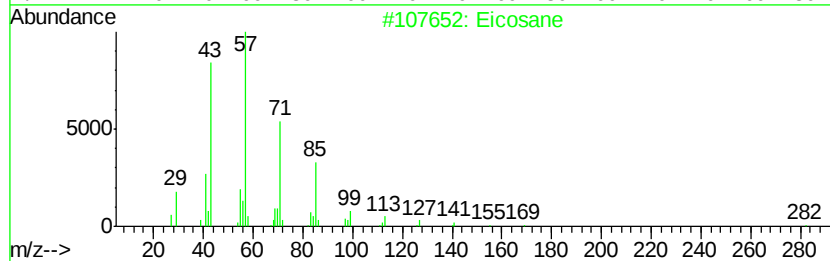
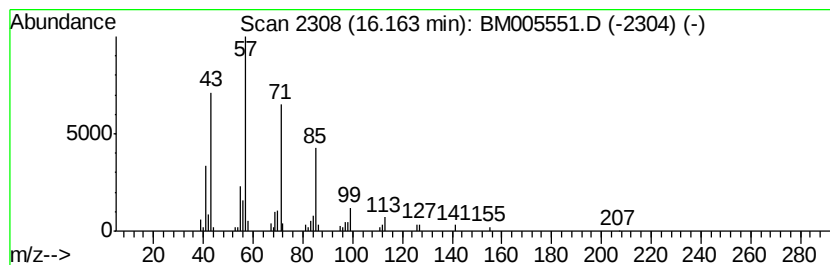
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.84 ng/ul	134446	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	91
2	Tetradecane			198	C14H30	000629-59-4	91
3	Tetradecane			198	C14H30	000629-59-4	87
4	Heptadecane			240	C17H36	000629-78-7	87
5	Pentadecane			212	C15H32	000629-62-9	86



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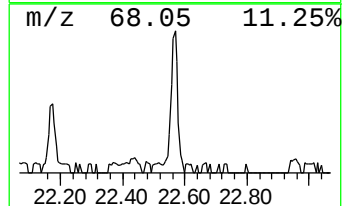
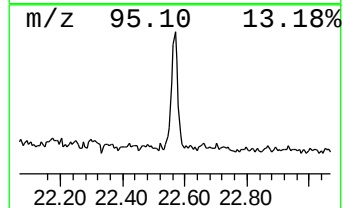
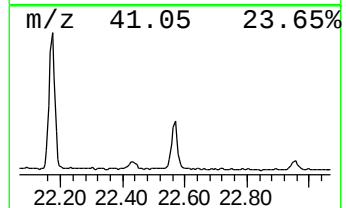
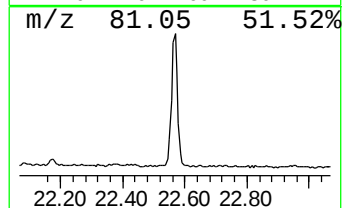
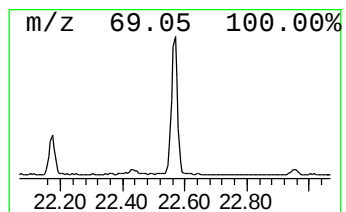
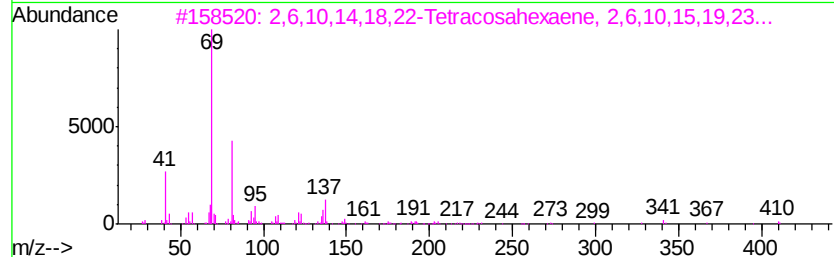
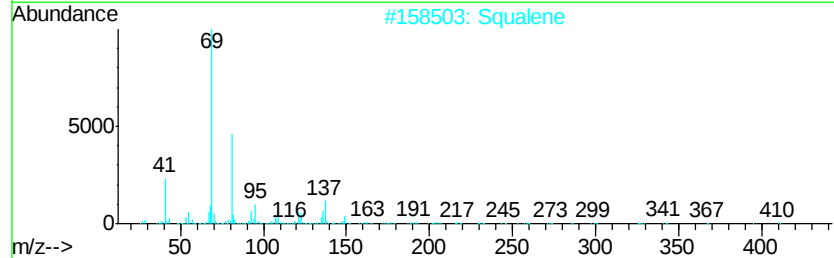
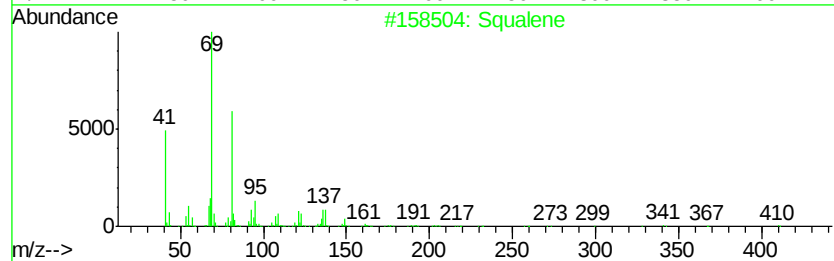
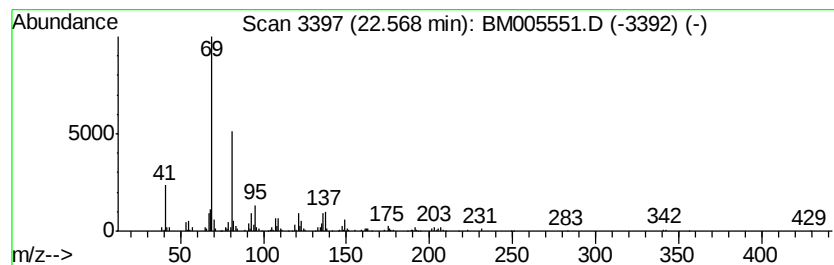
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	4.31 ng/ul	228780	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	007683-64-9	91
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
4		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
5		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72



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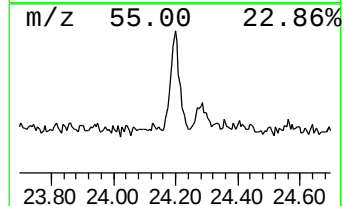
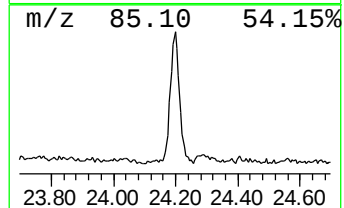
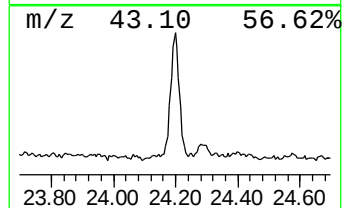
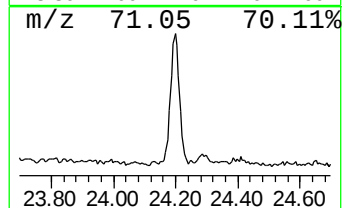
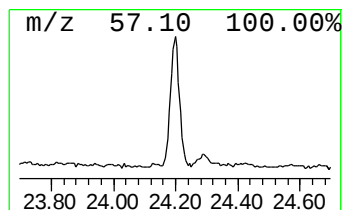
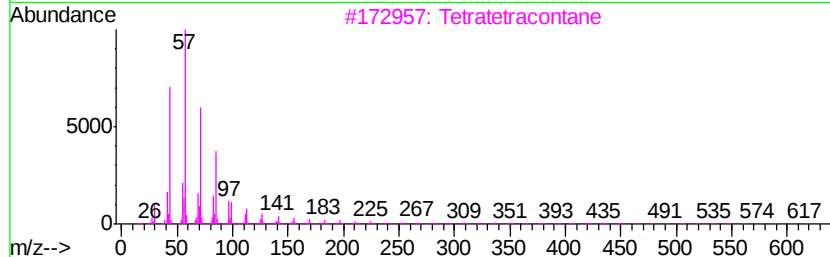
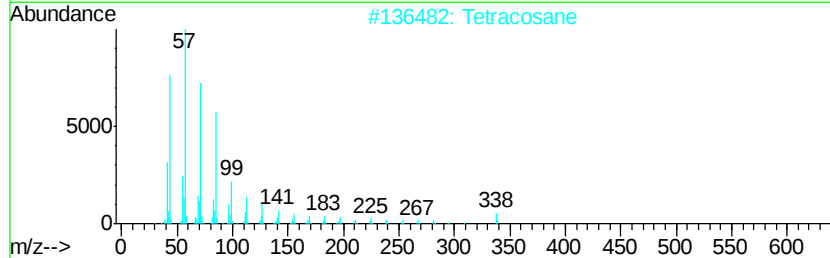
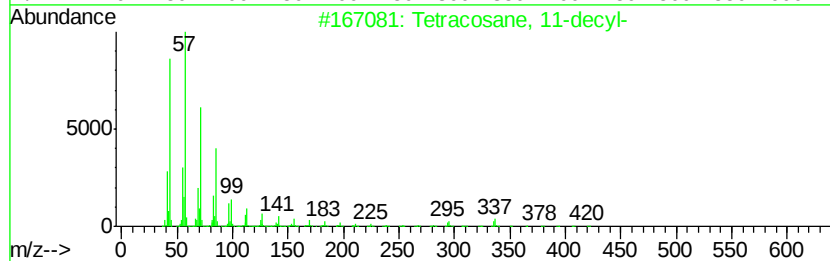
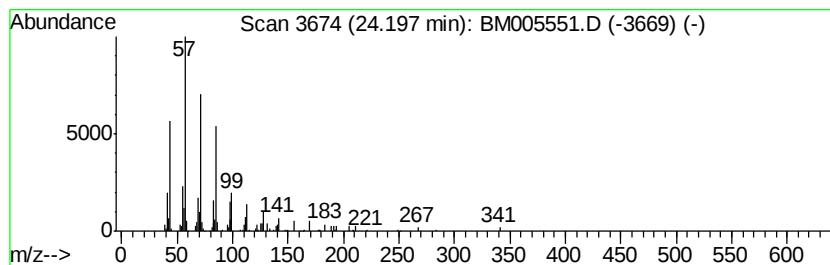
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	2.55 ng/ul	135279	Perylene-d12	23.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005551.D
Acq On : 21 May 2016 15:28
Operator : UM/SJ
Sample : H2841-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WR3

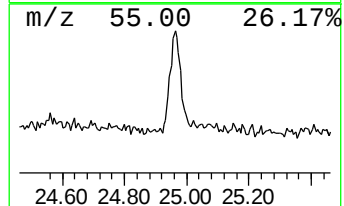
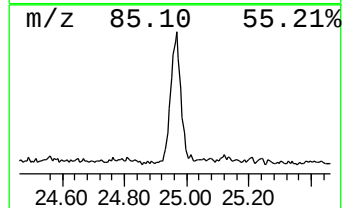
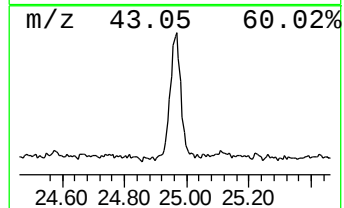
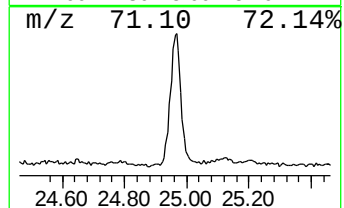
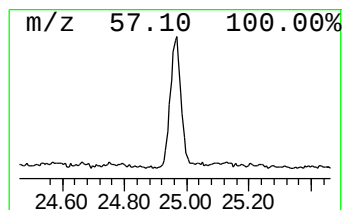
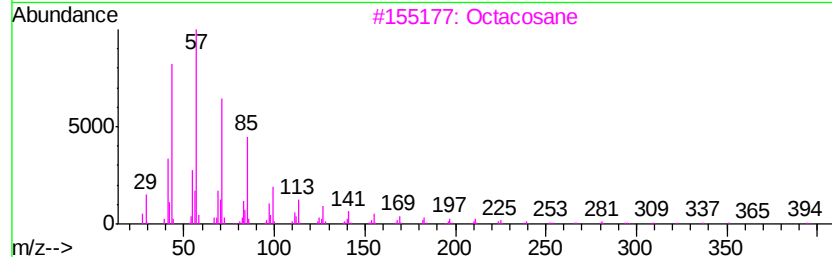
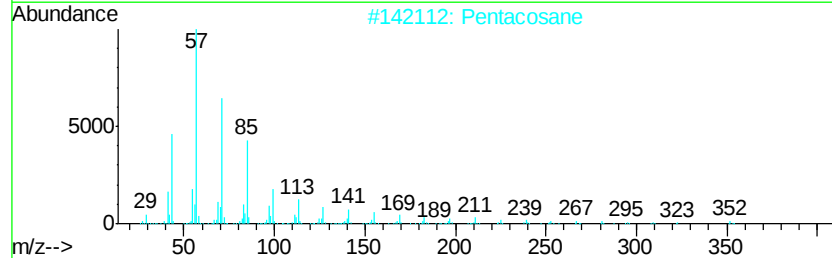
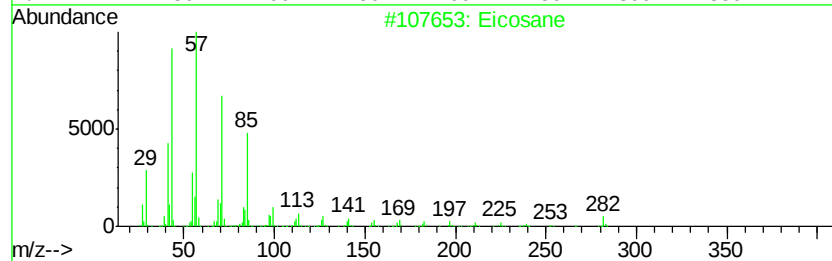
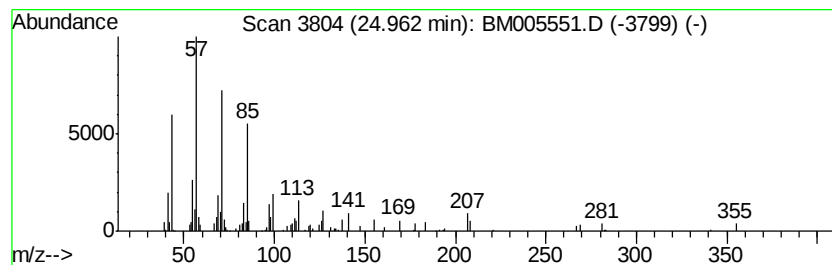
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	2.64 ng/ul	140214	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Pentacosane	352	C25H52	000629-99-2	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Tetracosane	338	C24H50	000646-31-1	83
5		Heneicosane	296	C21H44	000629-94-7	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005551.D
Acq On : 21 May 2016 15:28
Operator : UM/SJ
Sample : H2841-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WR3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	2.70	4.7	ng/ul	82168	1	7.82	352774	20.0
(DEL) Alkane: Str...	15.30	2.5	ng/ul	97045	3	14.45	765765	20.0
(DEL) Alkane: Str...	16.16	2.8	ng/ul	134446	4	17.19	947678	20.0
Squalene	22.57	4.3	ng/ul	228780	6	23.64	1060480	20.0
(DEL) Alkane: Str...	24.20	2.5	ng/ul	135279	6	23.64	1060480	20.0
(DEL) Alkane: Str...	24.96	2.6	ng/ul	140214	6	23.64	1060480	20.0