

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
 Data File : BM023765.D
 Acq On : 15 Nov 2019 22:25
 Operator : JU
 Sample : K5699-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F2J01

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM111119MA.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	3.063	27	30	43	rVB	83500	132359	0.95%	0.142%
2	3.693	133	137	143	rVB5	19243	34837	0.25%	0.037%
3	3.775	148	151	154	rVB2	15247	17394	0.13%	0.019%
4	6.222	562	567	573	rBV8	8711	17123	0.12%	0.018%
5	6.716	645	651	662	rVB2	265998	620248	4.47%	0.666%
6	6.869	671	677	694	rBV	909452	1482259	10.69%	1.591%
7	7.063	703	710	725	rBV	1024310	1656241	11.94%	1.778%
8	7.522	781	788	796	rBV	1117688	1754060	12.65%	1.883%
9	7.892	846	851	856	rBV	20940	33376	0.24%	0.036%
10	8.057	873	879	885	rVB2	24903	43727	0.32%	0.047%
11	8.239	904	910	921	rBV	762913	1246237	8.99%	1.338%
12	8.675	977	984	996	rBV	1126653	1859008	13.41%	1.996%
13	8.998	1032	1039	1043	rBV6	7707	17011	0.12%	0.018%
14	9.128	1057	1061	1068	rVB	20488	31947	0.23%	0.034%
15	9.392	1097	1106	1120	rBV	931232	1544814	11.14%	1.658%
16	9.722	1154	1162	1165	rBV9	8193	17030	0.12%	0.018%
17	9.928	1191	1197	1209	rBV	1467778	2585431	18.64%	2.776%
18	10.298	1252	1260	1265	rBV	1519087	2529385	18.24%	2.715%
19	10.345	1265	1268	1277	rVV	344135	537482	3.88%	0.577%
20	10.463	1280	1288	1297	rVB3	61203	130397	0.94%	0.140%
21	11.710	1495	1500	1503	rBV4	10340	19208	0.14%	0.021%
22	11.898	1528	1532	1540	rVB2	24198	38766	0.28%	0.042%
23	11.974	1540	1545	1550	rBV	43083	66058	0.48%	0.071%
24	12.198	1578	1583	1589	rVB	33729	56902	0.41%	0.061%
25	13.498	1798	1804	1809	rVB9	7100	14589	0.11%	0.016%
26	13.604	1815	1822	1826	rBV	2855300	4035244	29.10%	4.332%
27	13.645	1826	1829	1841	rVB	486781	699432	5.04%	0.751%
28	13.868	1860	1867	1884	rBV	3419354	4891661	35.27%	5.252%
29	14.180	1912	1920	1927	rBV	2454121	3466242	25.00%	3.721%
30	14.245	1927	1931	1936	rVV	57250	83528	0.60%	0.090%
31	14.327	1940	1945	1950	rBV4	12295	23501	0.17%	0.025%
32	14.433	1957	1963	1970	rBV2	152232	290888	2.10%	0.312%
33	14.515	1973	1977	1983	rVV	58891	100173	0.72%	0.108%
34	14.586	1985	1989	1994	rVV2	18967	41222	0.30%	0.044%

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Integration Parameters: LSCINT.P

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	14.792	2019	2024	2028	rBV6	8282	16562	0.12%	0.018%
36	14.945	2043	2050	2060	rBV	10402027	13867666	100.00%	14.888%
37	15.063	2067	2070	2076	rVB7	15050	21446	0.15%	0.023%
38	15.180	2083	2090	2097	rBV	4370684	6169039	44.49%	6.623%
39	15.233	2097	2099	2106	rVB2	33865	50866	0.37%	0.055%
40	15.315	2106	2113	2123	rBV	1206860	1715119	12.37%	1.841%
41	15.421	2126	2131	2137	rVB2	54202	80258	0.58%	0.086%
42	15.915	2209	2215	2220	rBV7	20844	41976	0.30%	0.045%
43	15.968	2220	2224	2230	rVB5	20176	32297	0.23%	0.035%
44	16.151	2250	2255	2259	rBV3	20550	36764	0.27%	0.039%
45	16.221	2263	2267	2270	rBV5	12706	18582	0.13%	0.020%
46	16.727	2348	2353	2356	rBV4	21723	37835	0.27%	0.041%
47	16.933	2381	2388	2394	rBV	2818799	4057536	29.26%	4.356%
48	17.027	2398	2404	2418	rVV	4505693	6649299	47.95%	7.138%
49	17.339	2448	2457	2462	rBV	47452	87372	0.63%	0.094%
50	17.621	2501	2505	2509	rVB6	9204	14294	0.10%	0.015%
51	17.856	2540	2545	2554	rBV	319983	497920	3.59%	0.535%
52	18.162	2593	2597	2601	rBV5	38677	68315	0.49%	0.073%
53	18.968	2729	2734	2736	rBV	68542	99955	0.72%	0.107%
54	18.998	2736	2739	2743	rVB	63066	86755	0.63%	0.093%
55	19.145	2760	2764	2771	rBV2	118027	187539	1.35%	0.201%
56	19.221	2773	2777	2784	rVB	59547	100114	0.72%	0.107%
57	19.333	2790	2796	2808	rBV	5981421	8217128	59.25%	8.822%
58	20.874	3054	3058	3063	rBV	935510	1202802	8.67%	1.291%
59	21.133	3097	3102	3112	rBV	3900165	4852122	34.99%	5.209%
60	22.674	3361	3364	3374	rVB	438760	663191	4.78%	0.712%
61	23.156	3439	3446	3452	rBV	4779837	8393298	60.52%	9.011%
62	23.215	3453	3456	3461	rVB	493264	702591	5.07%	0.754%
63	23.285	3462	3468	3482	rVB2	2701152	5061057	36.50%	5.433%

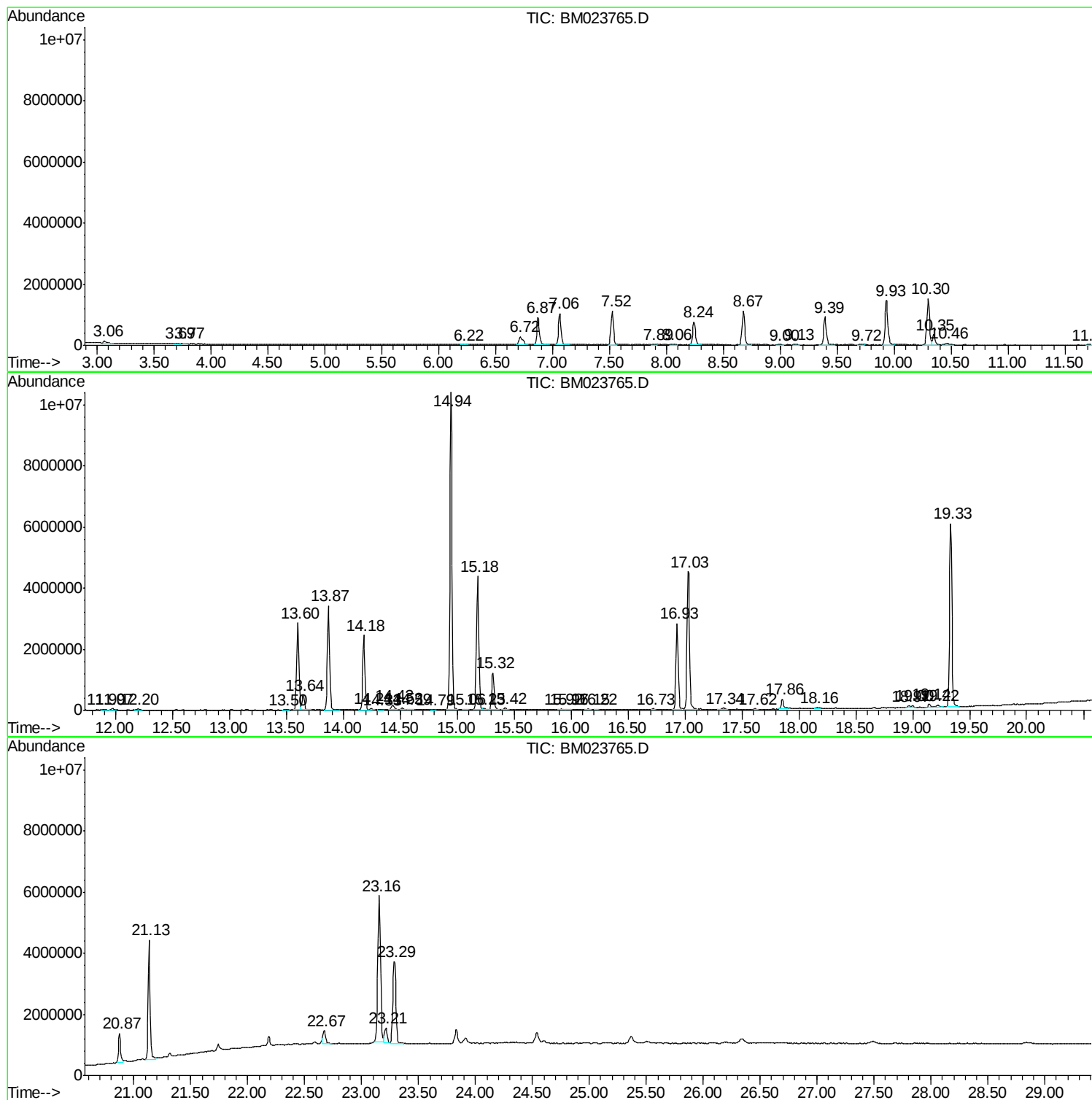
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Quant Title : SVOA CALIBRATION

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



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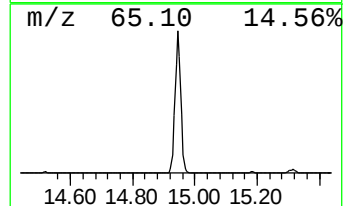
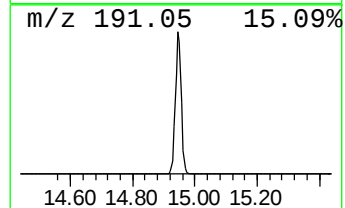
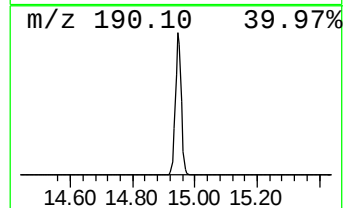
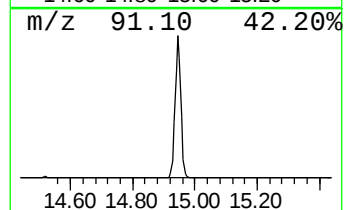
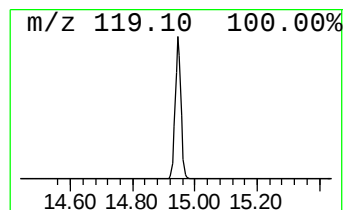
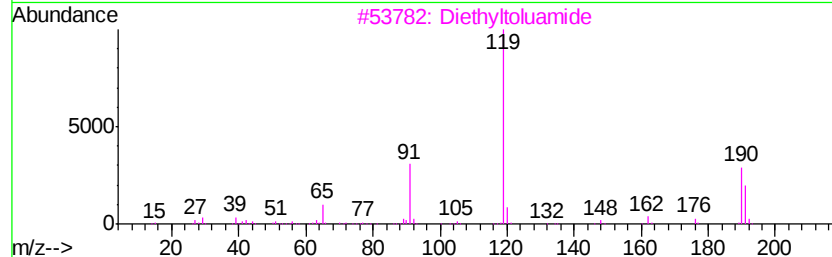
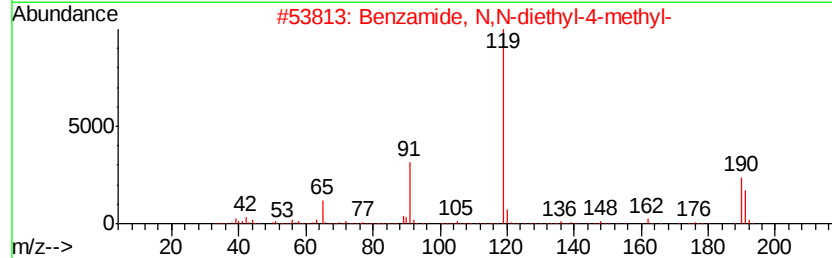
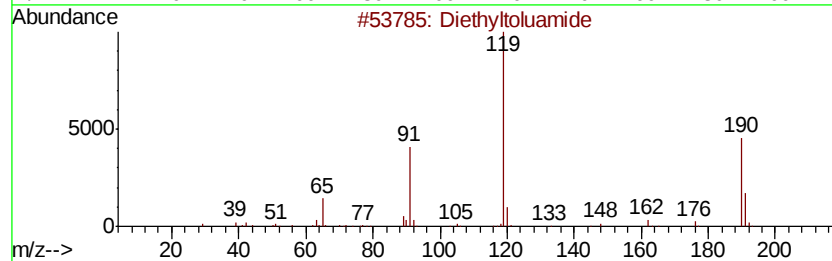
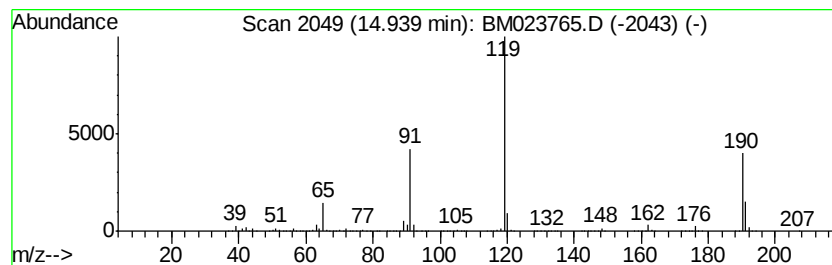
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	80.02 ng/ul	13867700	Acenaphthene-d10	14.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	94
2		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
3		Diethyltoluamide	191	C12H17NO	000134-62-3	81
4		L-Valine, N-(4-methylbenzoyl)-, ...	277	C16H23NO3	1000346-63-8	72
5		Diethyltoluamide	191	C12H17NO	000134-62-3	60



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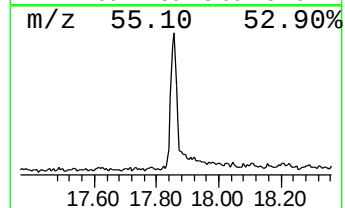
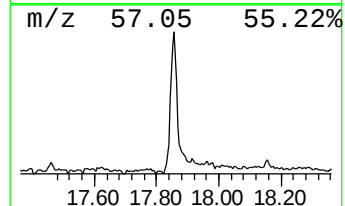
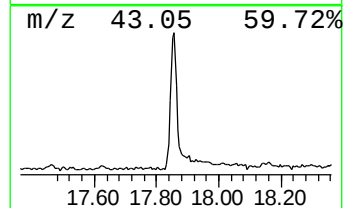
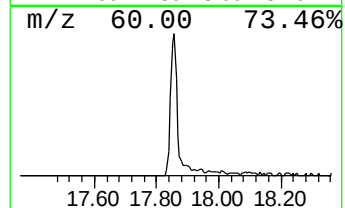
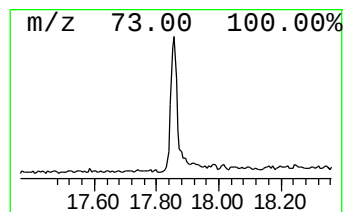
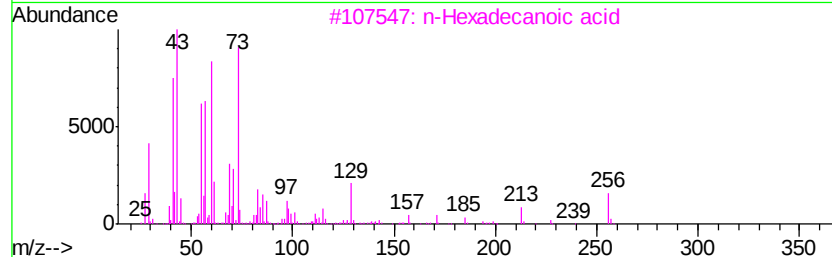
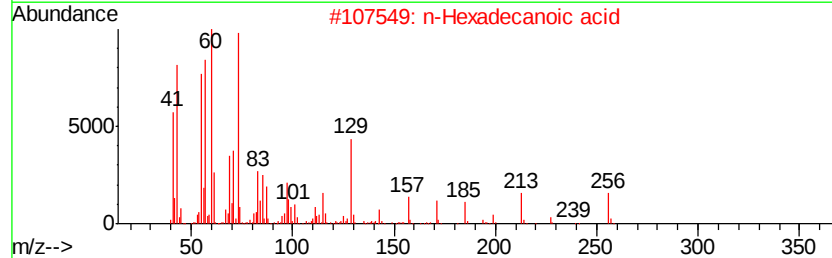
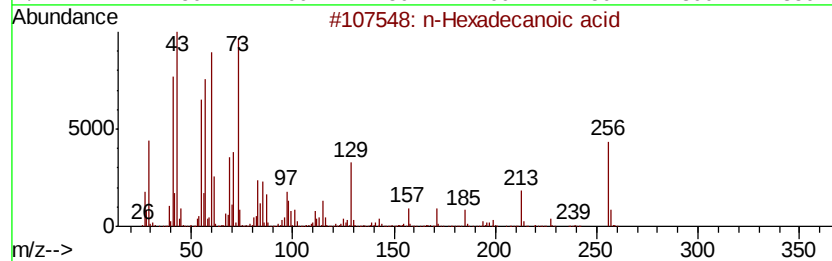
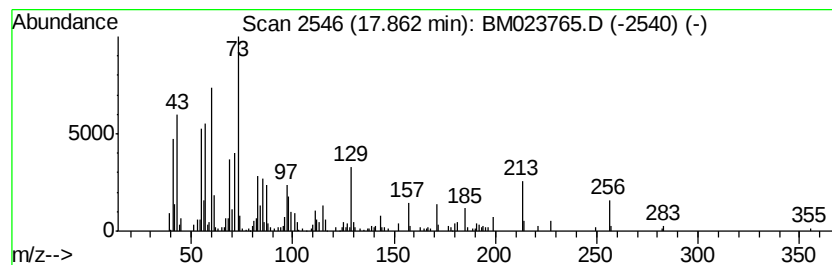
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.86	2.45 ng/ul	497920	Phenanthrene-d10		16.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5			Octadecanoic acid	284	C18H36O2	000057-11-4	81



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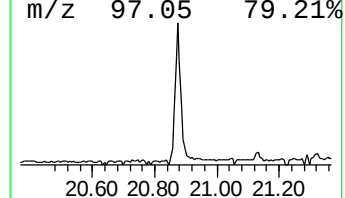
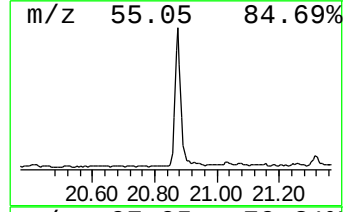
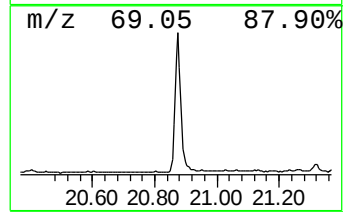
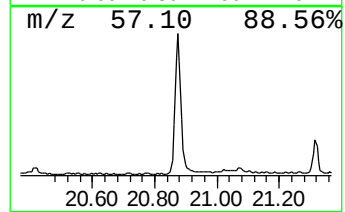
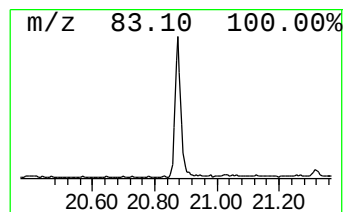
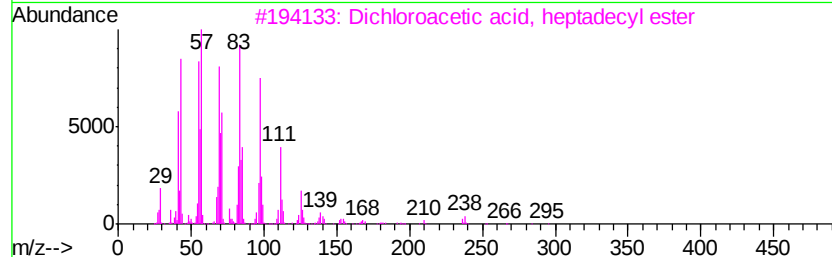
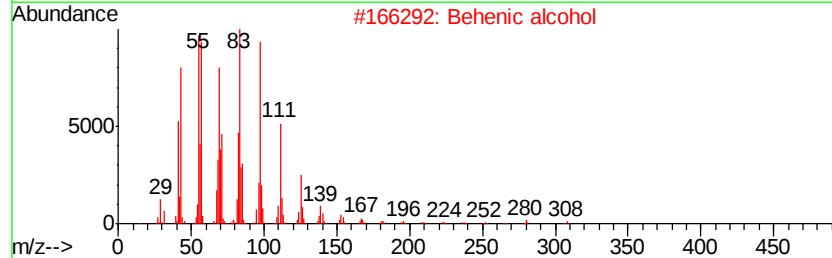
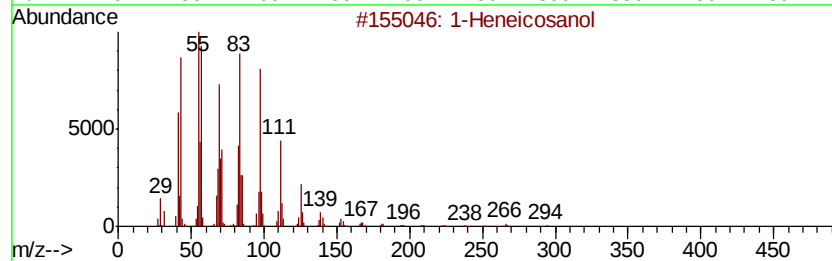
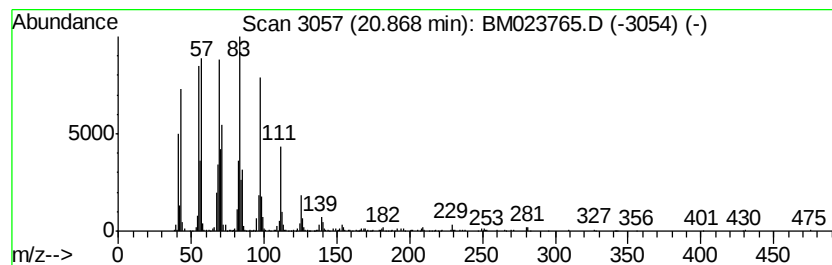
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.96 ng/ul	1202800	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	93
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91



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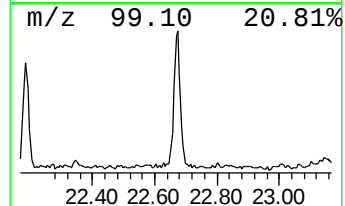
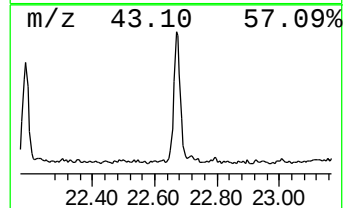
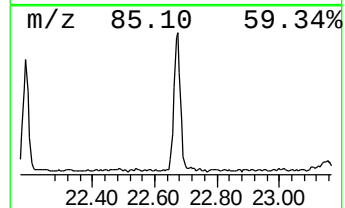
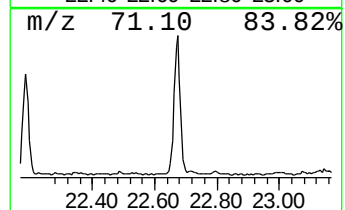
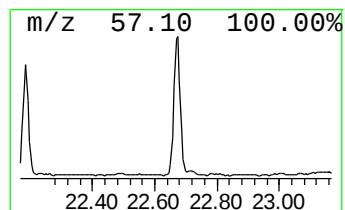
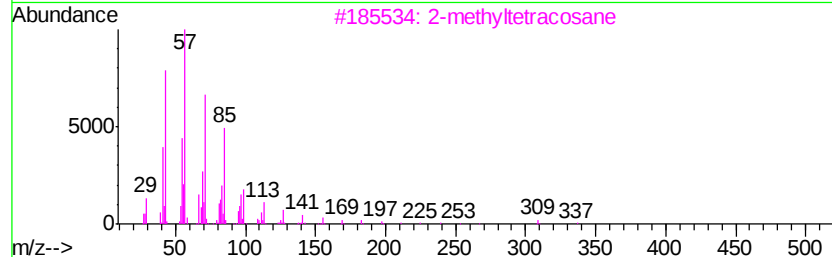
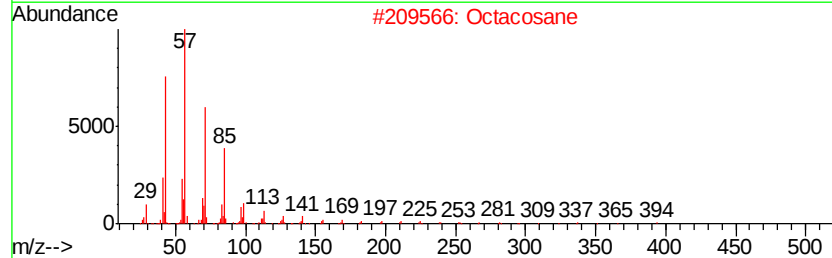
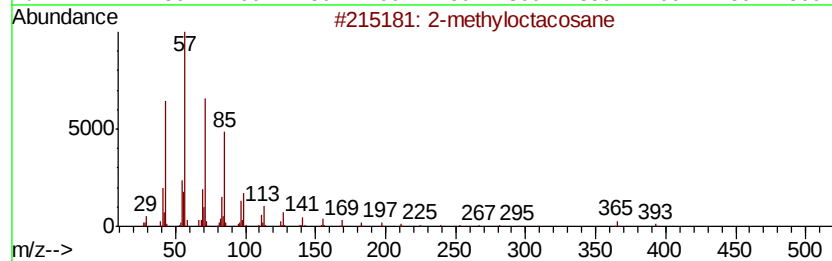
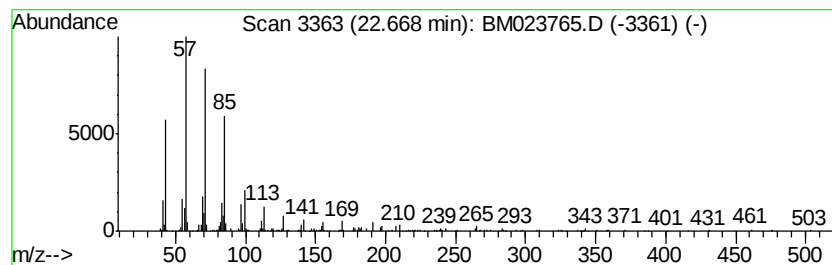
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	2.62 ng/ul	663191	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		2-methyltetracosane	352	C25H52	1000376-72-6	90
4		triacontane	422	C30H62	000638-68-6	90
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



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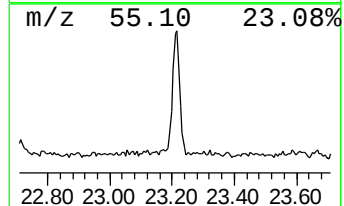
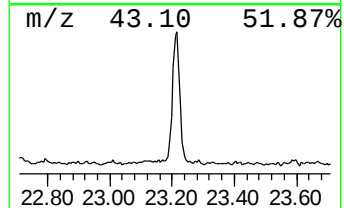
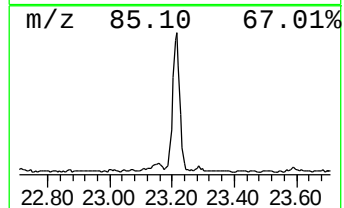
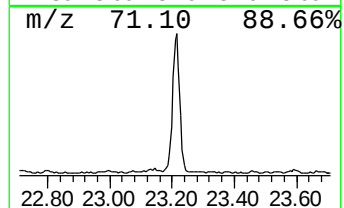
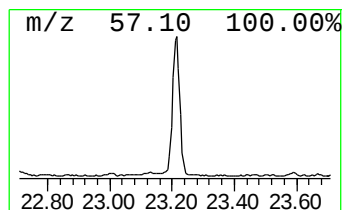
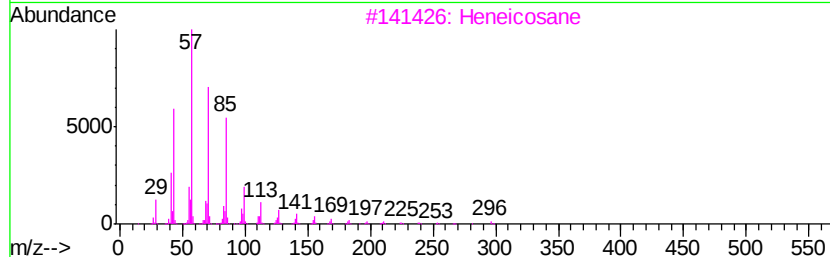
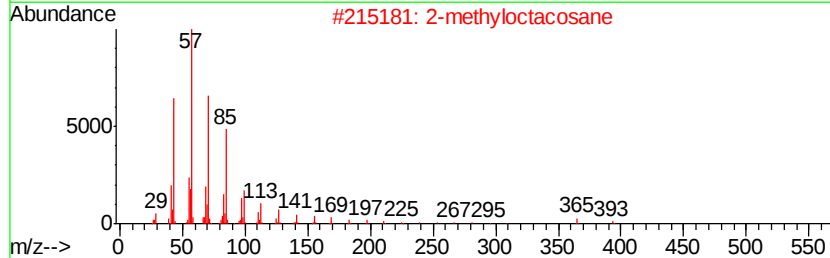
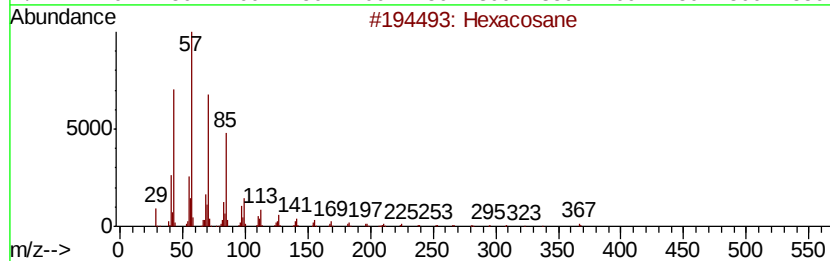
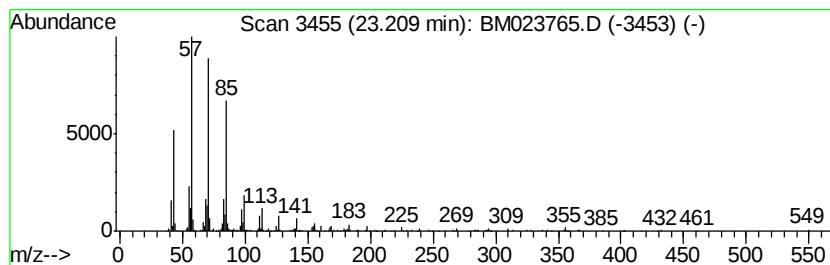
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	2.78 ng/ul	702591	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Data File : BM023765.D
Acq On : 15 Nov 2019 22:25
Operator : JU
Sample : K5699-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F2J01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	14.94	80.0	ng/ul	13867700	3	14.18	3466240	20.0
n-Hexadecanoic acid	17.86	2.5	ng/ul	497920	4	16.93	4057540	20.0
1-Heneicosanol	20.87	5.0	ng/ul	1202800	5	21.13	4852120	20.0
(DEL) Alkane: Str...	22.67	2.6	ng/ul	663191	6	23.29	5061060	20.0
(DEL) Alkane: Str...	23.21	2.8	ng/ul	702591	6	23.29	5061060	20.0