

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
 Data File : BM020586.D
 Acq On : 28 May 2019 21:04
 Operator : JU/SJ
 Sample : K2692-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5174

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-BM051619MA.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	6.816	645	651	663	rBV	73743	197412	7.69%	1.048%
2	6.975	673	678	695	rBV	71931	176429	6.87%	0.936%
3	7.163	704	710	724	rVB	125252	262503	10.23%	1.393%
4	7.634	784	790	804	rBV	136204	289293	11.27%	1.535%
5	8.351	906	912	925	rBV2	101570	269801	10.51%	1.432%
6	8.804	983	989	1010	rBV	110814	288494	11.24%	1.531%
7	9.133	1042	1045	1049	rVB3	9189	12179	0.47%	0.065%
8	9.522	1105	1111	1133	rBV	101049	259445	10.11%	1.377%
9	10.051	1194	1201	1216	rBV	134608	345023	13.44%	1.831%
10	10.422	1257	1264	1280	rBV	230197	451927	17.61%	2.398%
11	10.586	1285	1292	1313	rBV2	78656	287463	11.20%	1.525%
12	13.704	1817	1822	1827	rBV	574491	850506	33.14%	4.513%
13	13.751	1827	1830	1840	rVB	213290	325284	12.67%	1.726%
14	13.980	1863	1869	1883	rBV	558584	932359	36.32%	4.948%
15	14.292	1915	1922	1942	rBV2	465841	759698	29.60%	4.031%
16	14.580	1960	1971	1972	rBV4	13705	29110	1.13%	0.154%
17	15.292	2085	2092	2111	rBV	781623	1268011	49.40%	6.729%
18	15.433	2111	2116	2130	rVV	140485	272905	10.63%	1.448%
19	15.533	2130	2133	2137	rVB2	6824	10127	0.39%	0.054%
20	17.045	2384	2390	2401	rBV	631386	1038058	40.44%	5.509%
21	17.145	2401	2407	2435	rVB	864005	1477832	57.58%	7.842%
22	17.933	2537	2541	2552	rBV	56836	106512	4.15%	0.565%
23	18.003	2552	2553	2559	rVV3	4403	7642	0.30%	0.041%
24	18.215	2586	2589	2592	rBV2	3051	4174	0.16%	0.022%
25	18.768	2680	2683	2687	rVB4	3306	3187	0.12%	0.017%
26	19.086	2732	2737	2742	rBV	8464	16904	0.66%	0.090%
27	19.221	2756	2760	2764	rBV2	24052	37017	1.44%	0.196%
28	19.339	2777	2780	2784	rVB2	6255	7444	0.29%	0.040%
29	19.368	2784	2785	2789	rVB3	3232	2602	0.10%	0.014%
30	19.445	2793	2798	2819	rBV	1399444	2048420	79.80%	10.870%
31	19.956	2883	2885	2886	rBV2	5513	4799	0.19%	0.025%
32	20.380	2953	2957	2963	rBV4	15117	29657	1.16%	0.157%
33	20.474	2971	2973	2978	rVB5	10225	10261	0.40%	0.054%
34	20.944	3049	3053	3061	rBV3	122875	189832	7.40%	1.007%

LSC Area Percent Report

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35	21.244	3099	3104	3114	rBV	962198	1462297	56.97%	7.760%
36	21.374	3123	3126	3133	rVB2	56244	65318	2.54%	0.347%
37	21.803	3195	3199	3203	rBV	95078	118947	4.63%	0.631%
38	22.256	3272	3276	3283	rBV	159332	222091	8.65%	1.179%
39	22.380	3294	3297	3302	rVB	55903	76359	2.97%	0.405%
40	22.756	3357	3361	3367	rVB	180260	256635	10.00%	1.362%
41	23.327	3450	3458	3475	rBV	1167751	2566787	100.00%	13.621%
42	23.468	3475	3482	3499	rVV	713245	1541185	60.04%	8.179%
43	23.944	3559	3563	3573	rVB2	133216	262296	10.22%	1.392%

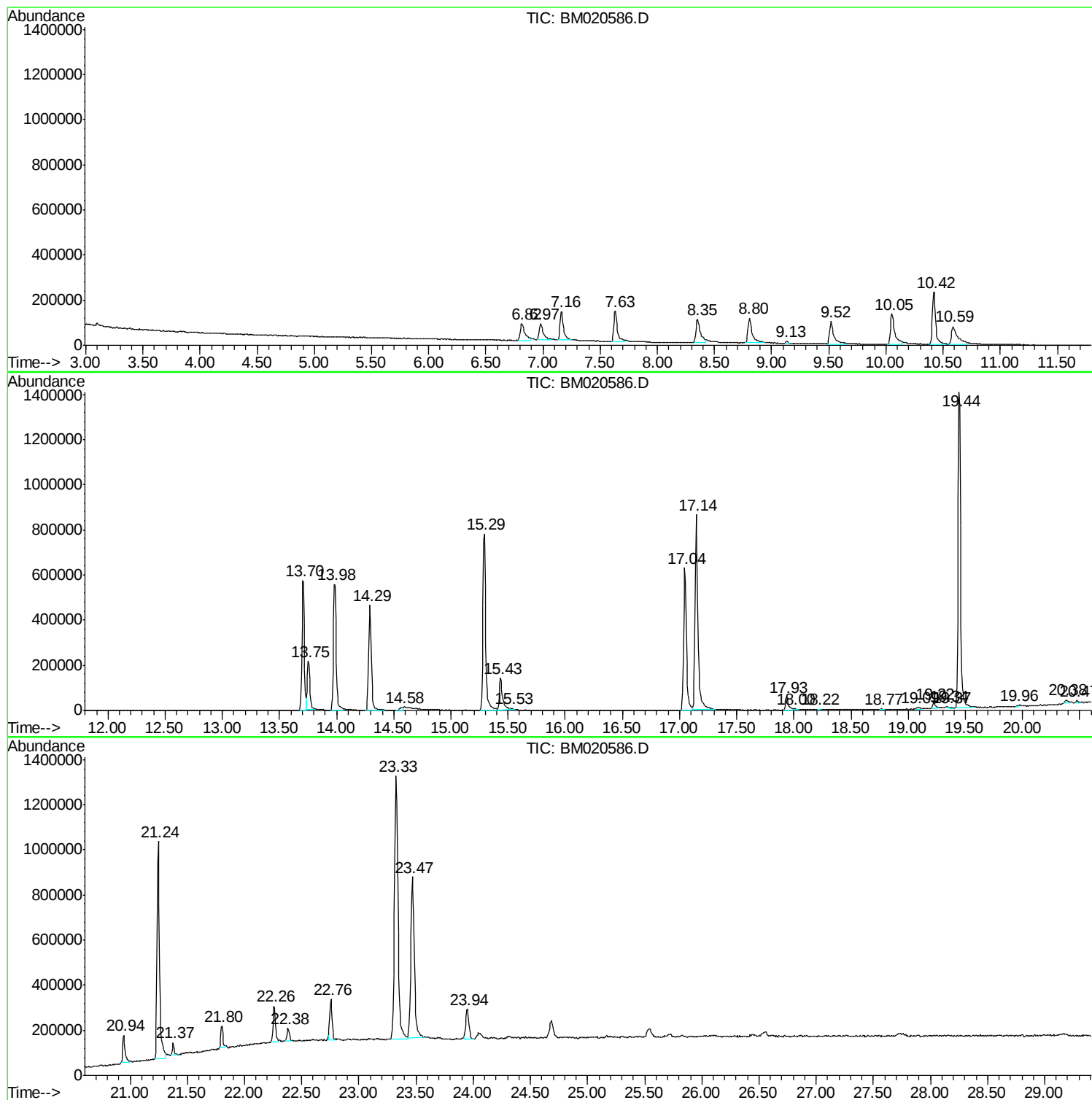
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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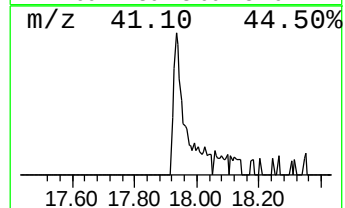
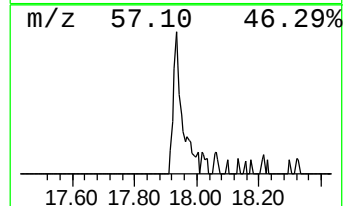
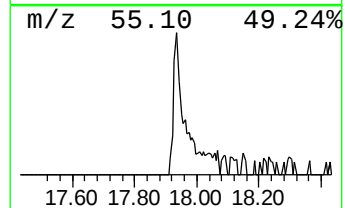
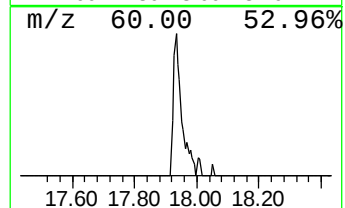
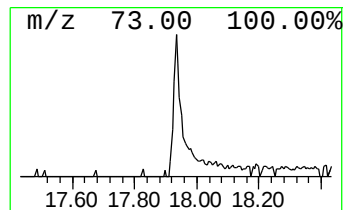
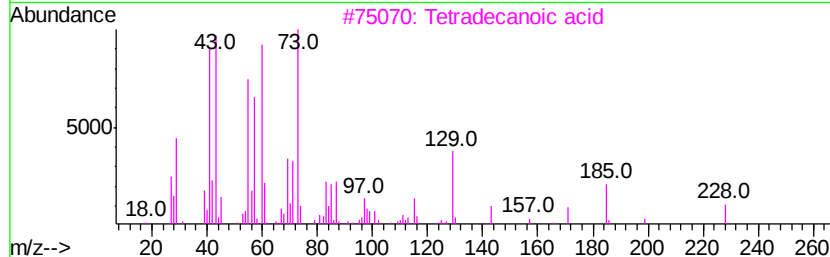
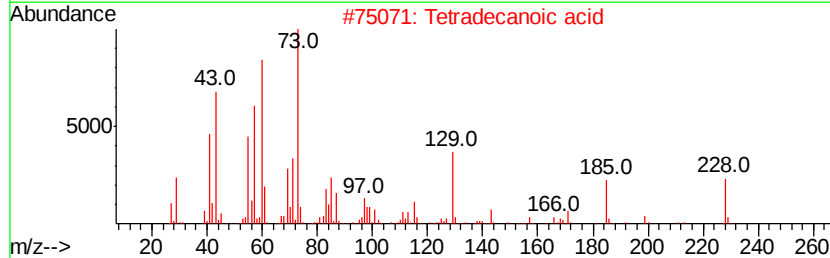
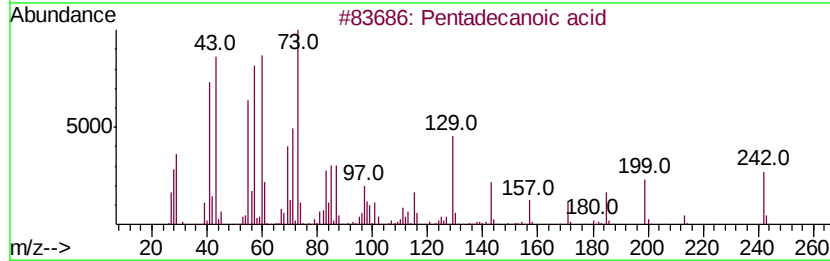
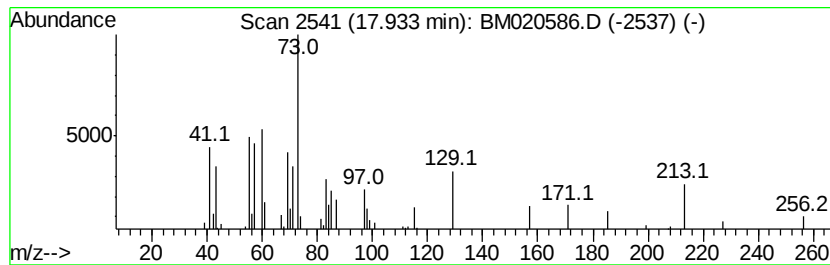
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.05 ng/ul	106512	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4		Tridecanoic acid	214	C13H26O2	000638-53-9	47
5		Undecanoic acid	186	C11H22O2	000112-37-8	47



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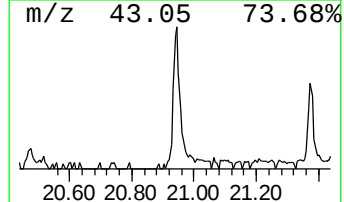
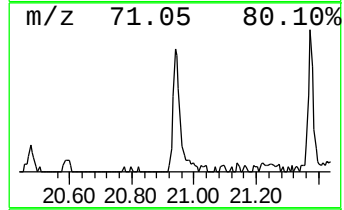
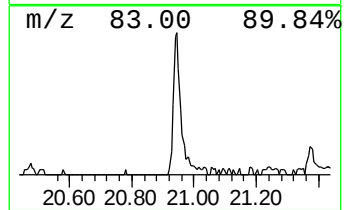
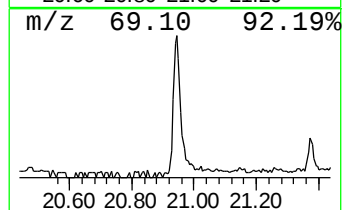
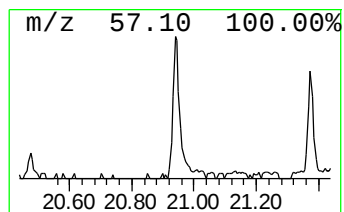
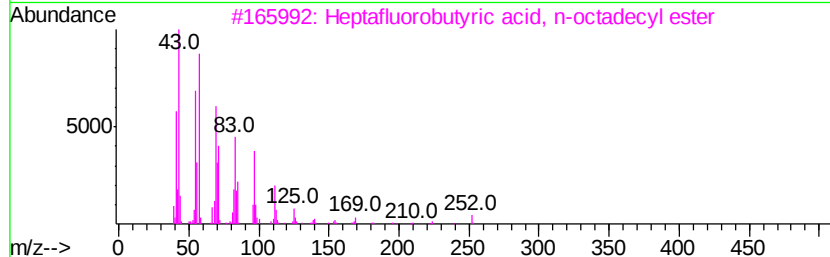
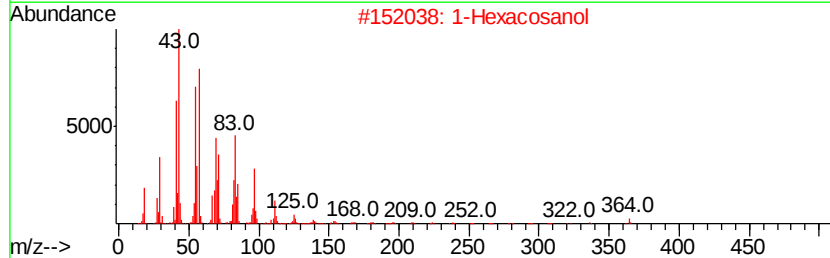
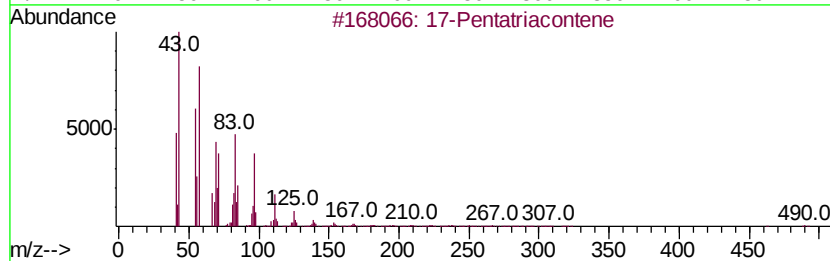
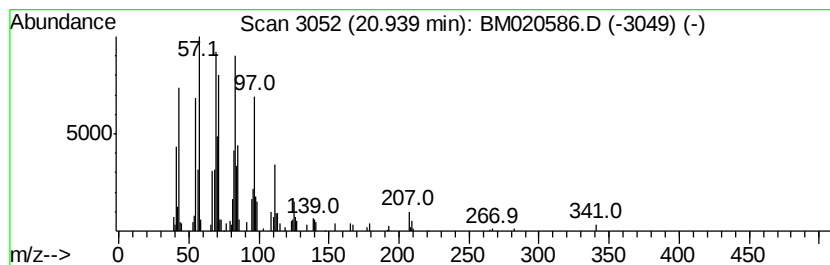
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Peak Number 2 (DEL) Alkane: Cyclic20.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.60 ng/ul	189832	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		1-Hexacosanol	382	C26H54O	000506-52-5	91
3		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	87
4		Heptafluorobutyric acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	87
5		1-Hentetracontanol	593	C41H84O	040710-42-7	74



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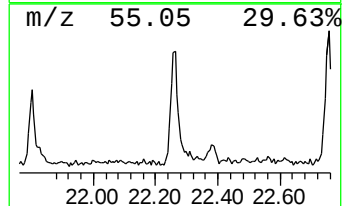
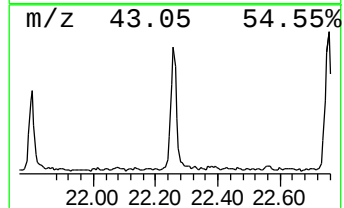
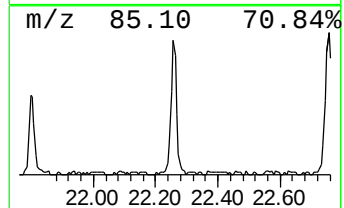
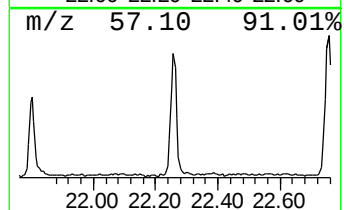
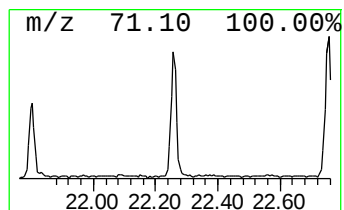
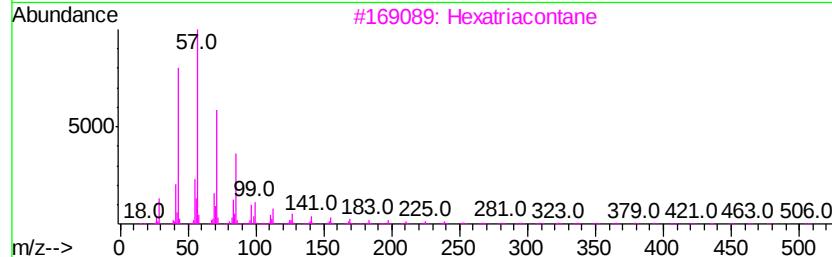
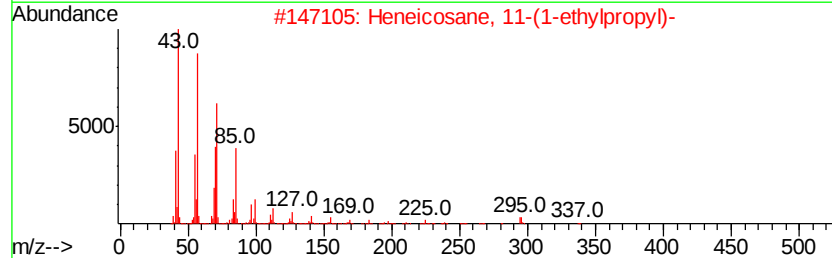
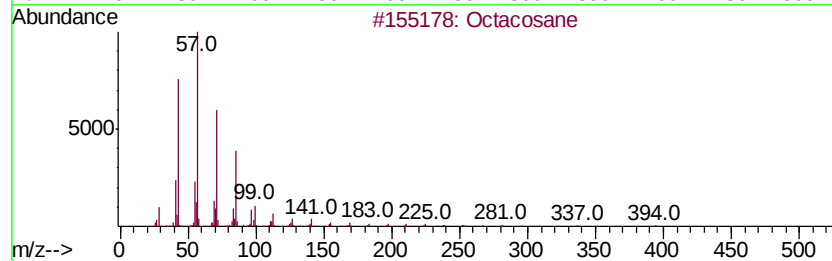
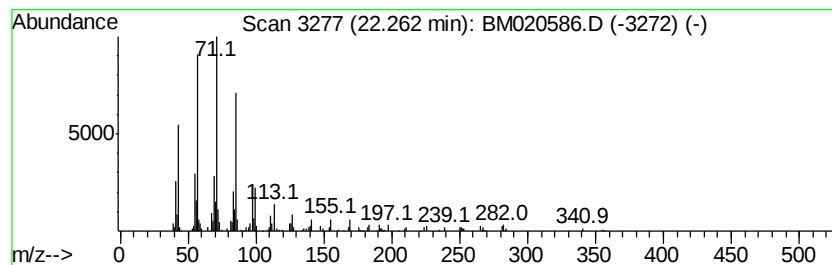
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	3.04 ng/ul	222091	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
3		Hexatriacontane	507	C36H74	000630-06-8	80
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5		Tetratetracontane	619	C44H90	007098-22-8	74



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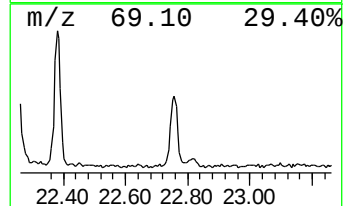
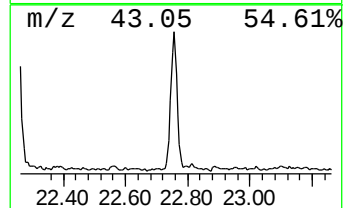
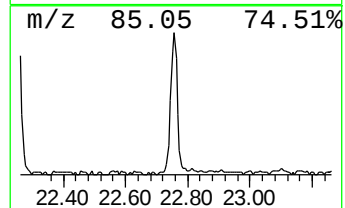
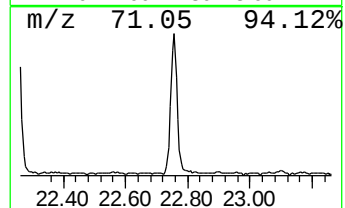
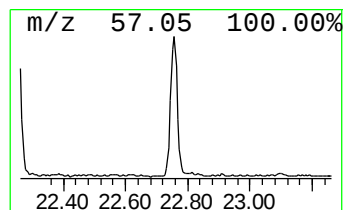
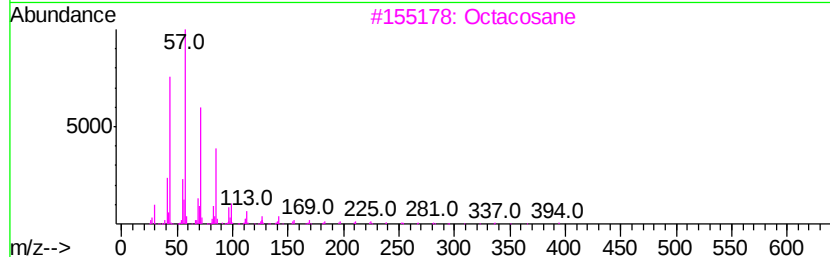
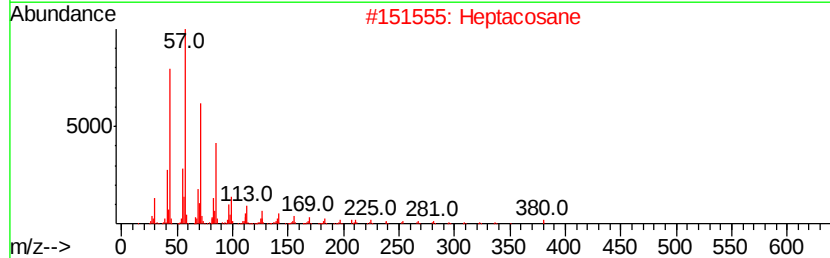
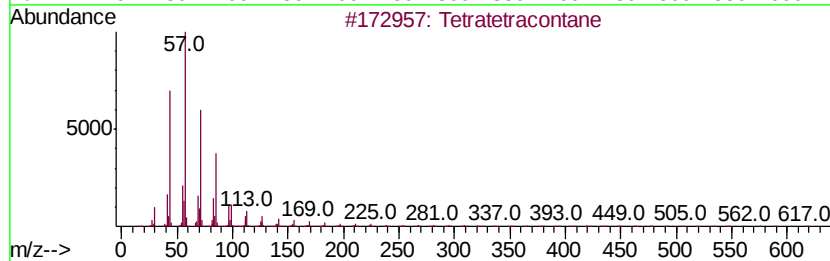
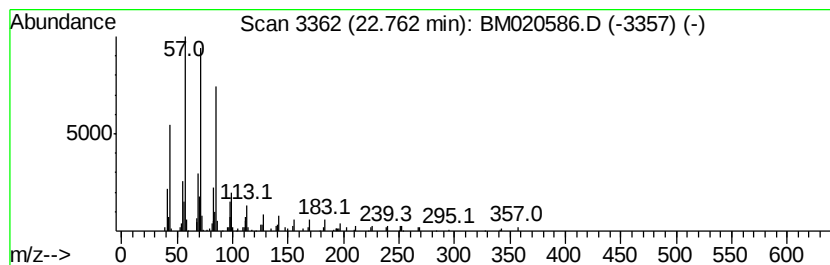
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	3.33 ng/ul	256635	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Heptacosane	380	C27H56	000593-49-7	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Tetratriacontane	479	C34H70	014167-59-0	86
5		Nonacosane	408	C29H60	000630-03-5	83



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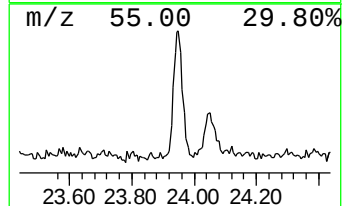
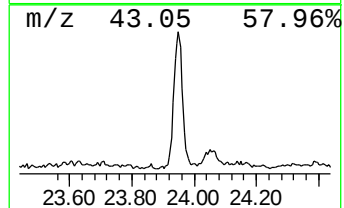
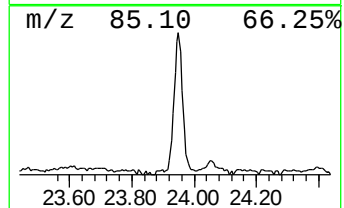
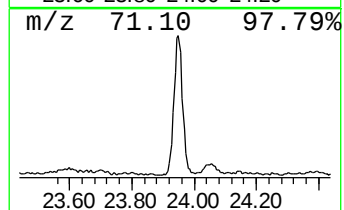
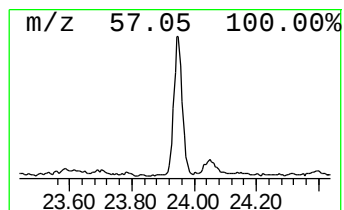
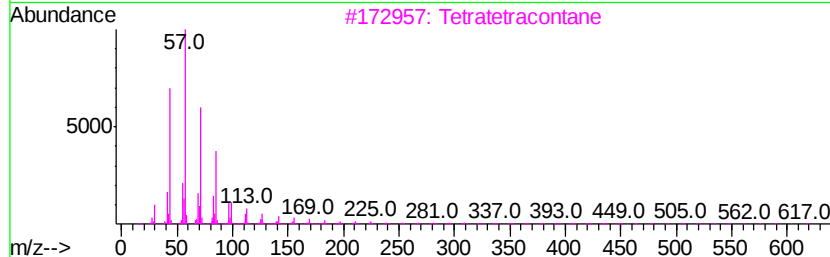
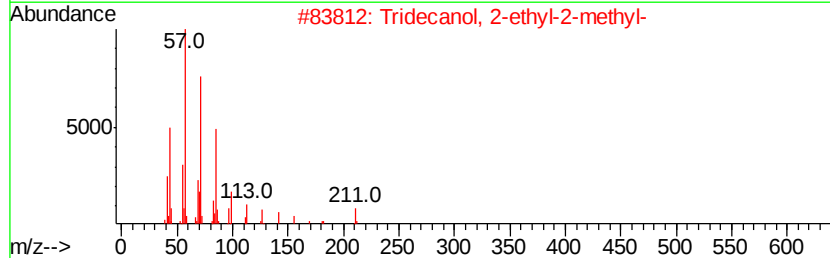
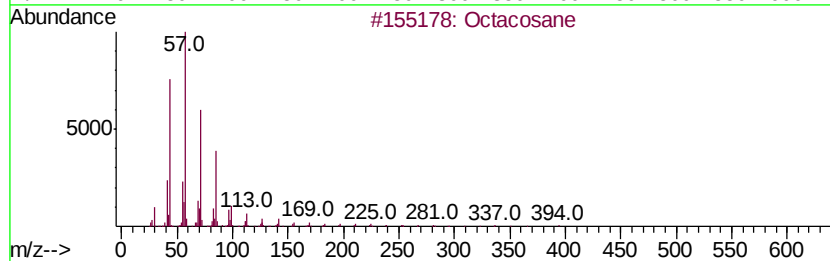
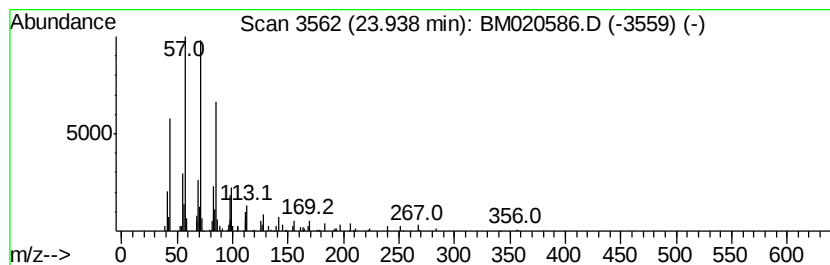
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Quant Title : SVOA CALIBRATION

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	3.40 ng/ul	262296	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Heptacosane	380	C27H56	000593-49-7	86
5		Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052919\
Data File : BM020586.D
Acq On : 28 May 2019 21:04
Operator : JU/SJ
Sample : K2692-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5174

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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
Pentadecanoic acid	17.93	2.0	ng/ul	106512	4	17.04	1038060	20.0
(DEL) Alkane: Cyc...	20.94	2.6	ng/ul	189832	5	21.24	1462300	20.0
(DEL) Alkane: Str...	22.26	3.0	ng/ul	222091	5	21.24	1462300	20.0
(DEL) Alkane: Str...	22.76	3.3	ng/ul	256635	6	23.47	1541190	20.0
(DEL) Alkane: Str...	23.94	3.4	ng/ul	262296	6	23.47	1541190	20.0