

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
 Data File : BM020587.D
 Acq On : 28 May 2019 21:41
 Operator : JU/SJ
 Sample : K2692-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5176

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	6.810	645	650	667	rBV	133918	349640	10.74%	1.437%
2	6.975	673	678	691	rBV	131102	271638	8.35%	1.117%
3	7.163	704	710	726	rBV	209572	419909	12.90%	1.726%
4	7.634	784	790	807	rBV	151256	323831	9.95%	1.331%
5	8.345	905	911	930	rBV	182002	480172	14.75%	1.974%
6	8.804	982	989	1008	rBV	189013	447385	13.74%	1.839%
7	9.134	1041	1045	1049	rVB4	6946	10451	0.32%	0.043%
8	9.516	1104	1110	1124	rBV	165253	371477	11.41%	1.527%
9	10.051	1194	1201	1214	rBV	229505	532285	16.35%	2.188%
10	10.422	1257	1264	1285	rVB	248689	489889	15.05%	2.014%
11	10.580	1285	1291	1312	rBV	140582	457670	14.06%	1.882%
12	13.710	1816	1823	1827	rBV	812455	1176557	36.15%	4.837%
13	13.751	1827	1830	1847	rVB	326068	494274	15.19%	2.032%
14	13.980	1863	1869	1886	rBV	798559	1313093	40.34%	5.398%
15	14.292	1915	1922	1935	rBV2	498104	787494	24.19%	3.238%
16	14.563	1961	1968	1982	rBV4	33697	166012	5.10%	0.683%
17	15.292	2085	2092	2111	rBV	1070098	1742077	53.52%	7.162%
18	15.433	2111	2116	2129	rVV	260322	462373	14.21%	1.901%
19	15.527	2129	2132	2139	rVB5	11381	21122	0.65%	0.087%
20	17.045	2384	2390	2401	rBV2	655434	1072894	32.96%	4.411%
21	17.145	2401	2407	2438	rVB2	1180599	1985087	60.99%	8.161%
22	17.933	2537	2541	2551	rBV	100054	186811	5.74%	0.768%
23	18.215	2587	2589	2595	rVB4	3097	4718	0.14%	0.019%
24	19.080	2733	2736	2743	rBV3	11232	21438	0.66%	0.088%
25	19.221	2756	2760	2771	rBV4	42526	83514	2.57%	0.343%
26	19.333	2774	2779	2786	rVB	8100	18059	0.55%	0.074%
27	19.450	2792	2799	2816	rBV	1903325	2733165	83.97%	11.237%
28	20.374	2950	2956	2962	rBV4	50863	98094	3.01%	0.403%
29	20.939	3048	3052	3066	rBV	152395	268100	8.24%	1.102%
30	21.244	3098	3104	3121	rBV	972062	1569335	48.21%	6.452%
31	21.374	3123	3126	3130	rBV2	48285	57155	1.76%	0.235%
32	21.803	3195	3199	3202	rBV	107570	122702	3.77%	0.504%
33	22.256	3272	3276	3283	rBV	168252	232215	7.13%	0.955%
34	22.756	3356	3361	3367	rVB	198679	282839	8.69%	1.163%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	23.327	3450	3458	3474	rBV	1542299	3254929	100.00%	13.382%
36	23.468	3476	3482	3498	rVB	748323	1549813	47.61%	6.372%
37	23.950	3559	3564	3573	rVB	157389	297679	9.15%	1.224%
38	24.685	3686	3689	3697	rVB3	90860	167622	5.15%	0.689%

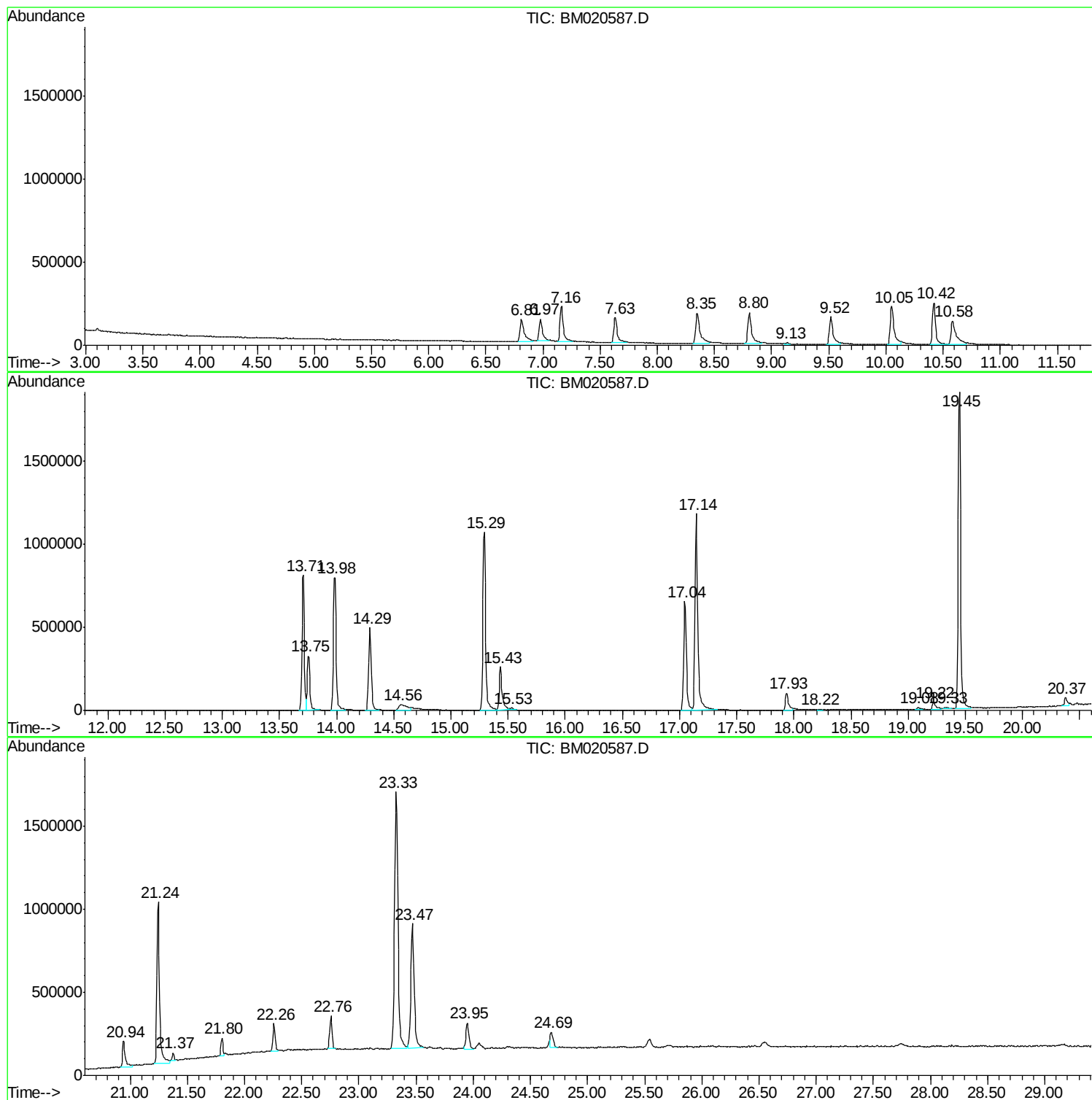
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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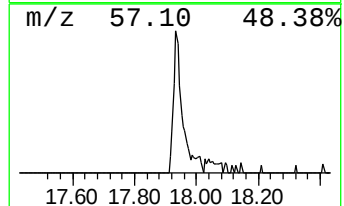
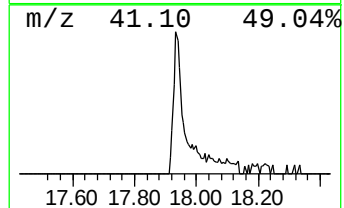
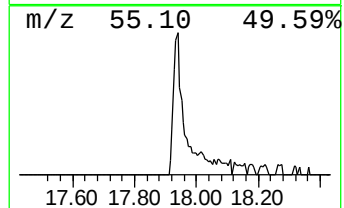
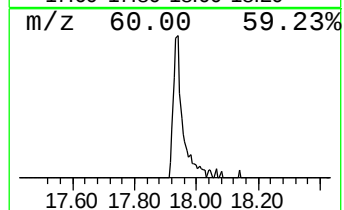
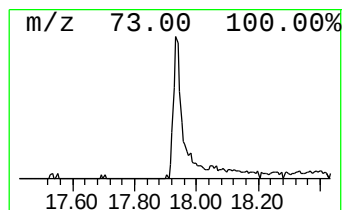
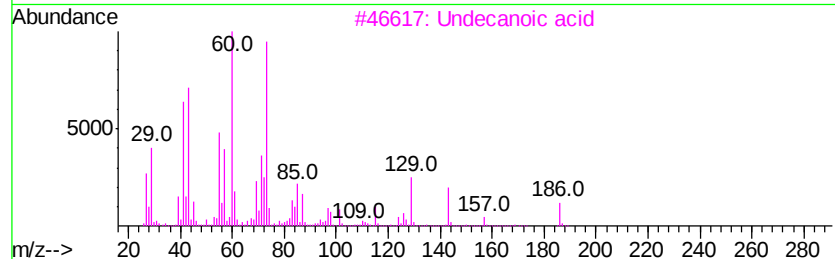
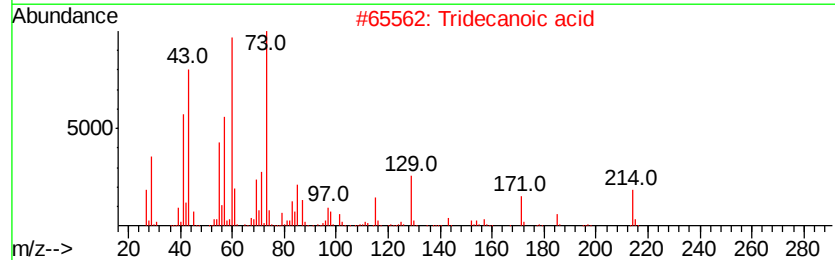
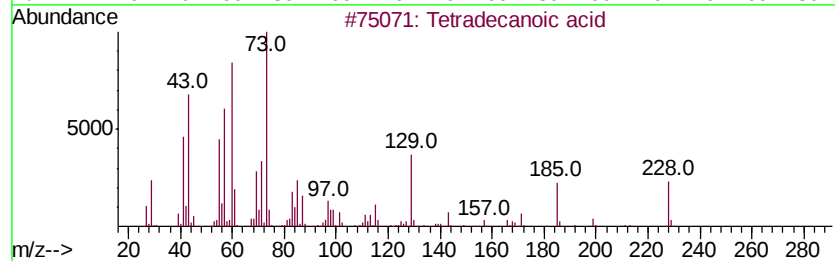
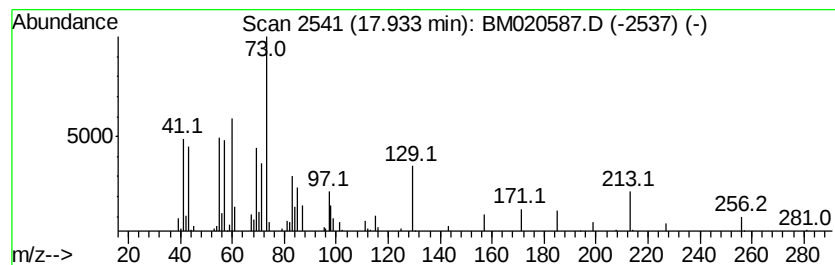
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.93	3.48 ng/ul	186811	Phenanthrene-d10		17.04	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
2		Tridecanoic acid	214	C13H26O2	000638-53-9	42
3		Undecanoic acid	186	C11H22O2	000112-37-8	38
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	37
5		n-Decanoic acid	172	C10H20O2	000334-48-5	35



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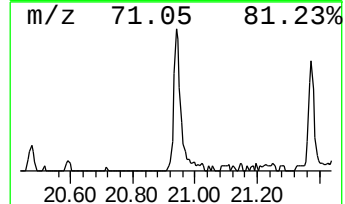
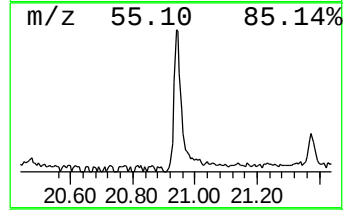
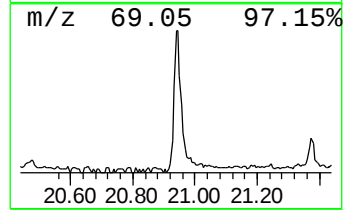
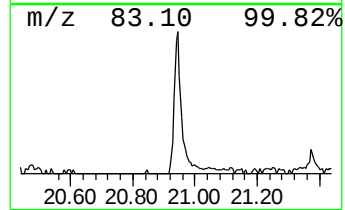
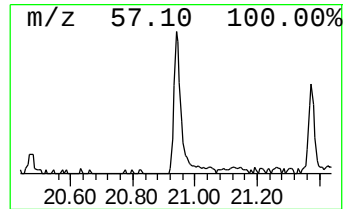
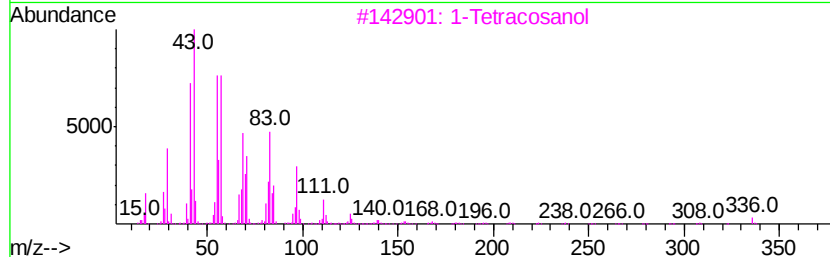
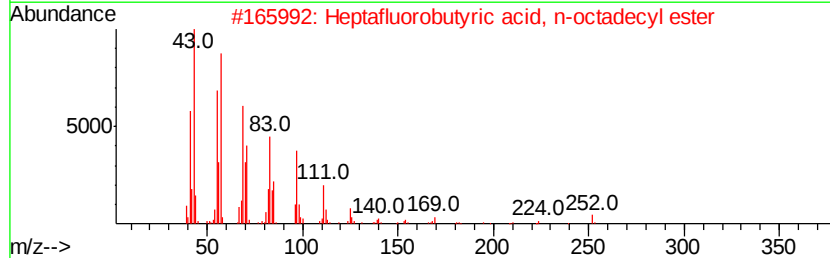
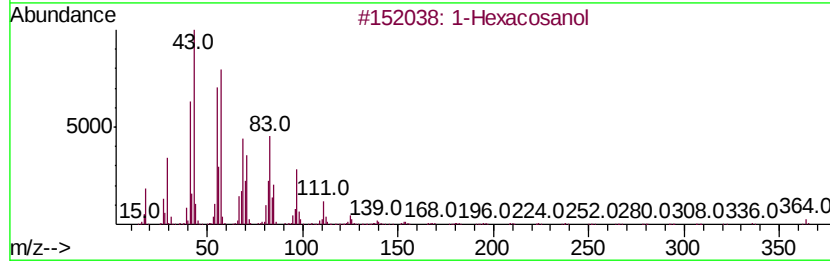
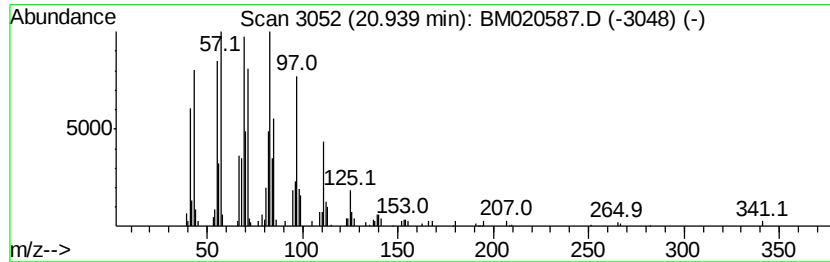
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 1-Hexacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.42 ng/ul	268100	Chrysene-d12	21.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol		382	C26H54O	000506-52-5	91
2	Heptafluorobutyric acid, n-octadecyl ester		466	C22H37F7O2	000400-57-7	91
3	1-Tetracosanol		354	C24H50O	000506-51-4	90
4	Pentafluoropropionic acid, octadecyl ester		416	C21H37F5O2	1000280-07-7	87
5	2-Chloropropionic acid, octadecyl ester		360	C21H41ClO2	088104-31-8	83



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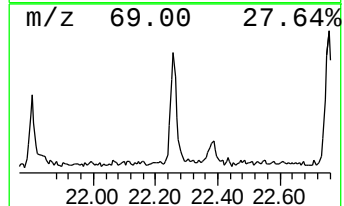
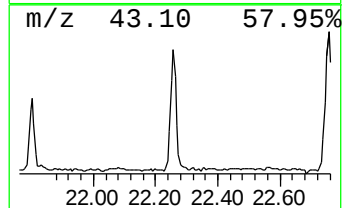
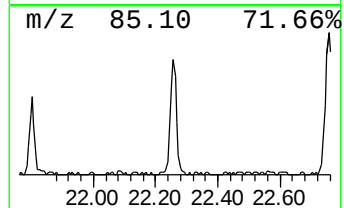
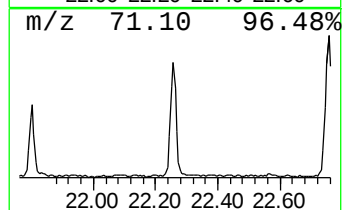
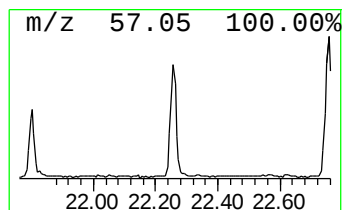
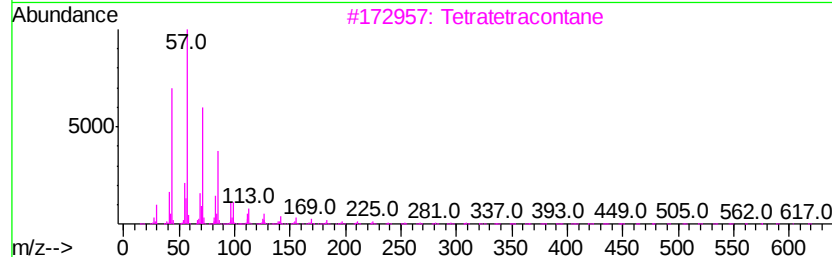
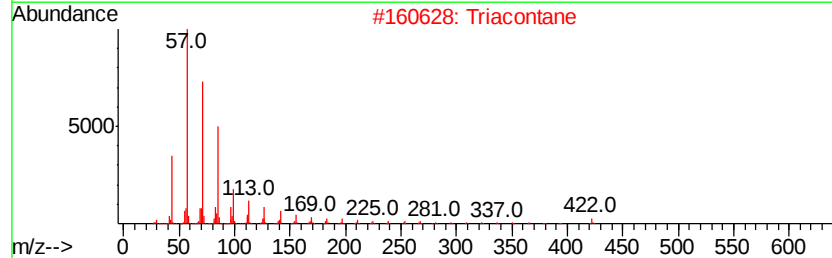
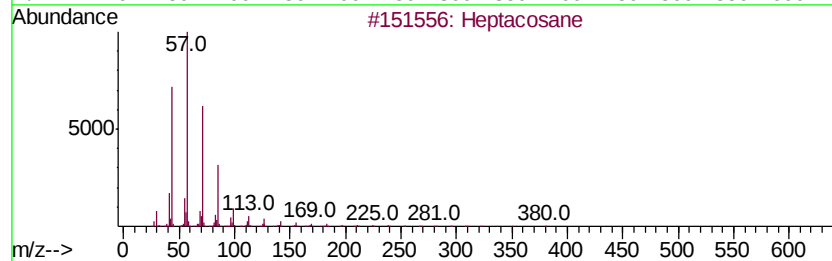
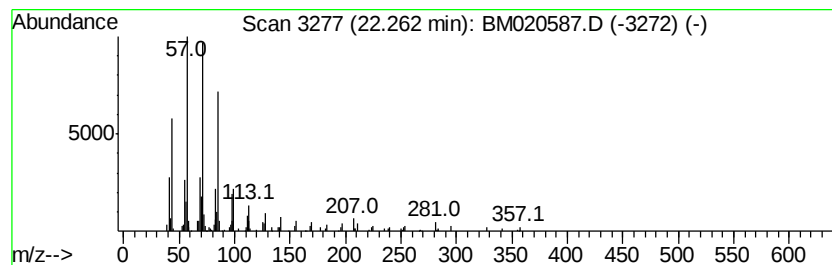
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.96 ng/ul	232215	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		triacontane	422	C30H62	000638-68-6	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Octacosane	394	C28H58	000630-02-4	87



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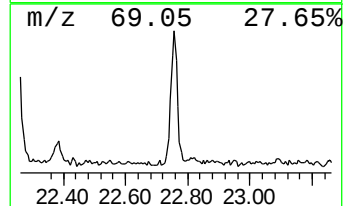
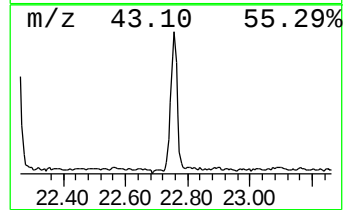
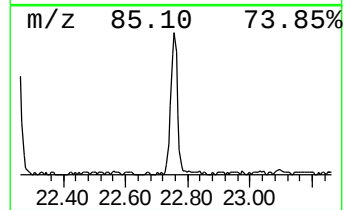
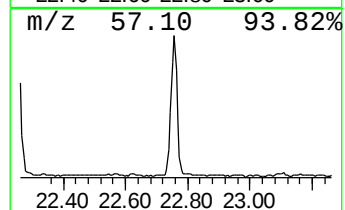
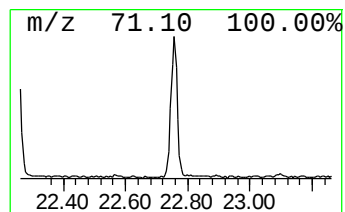
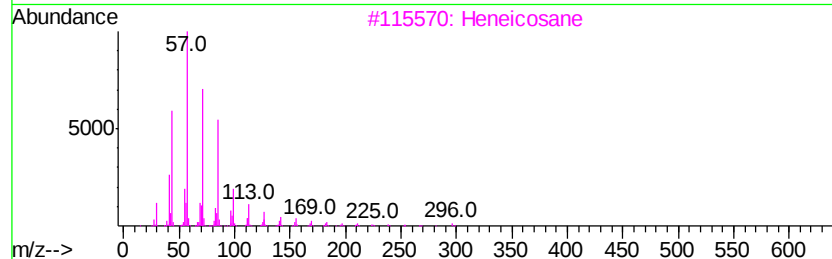
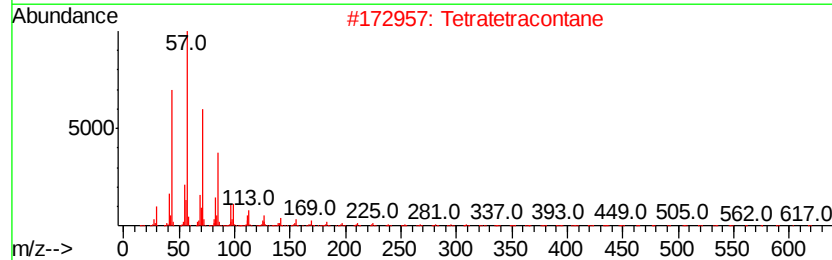
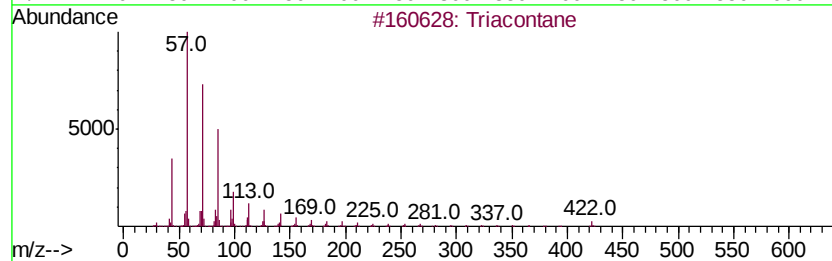
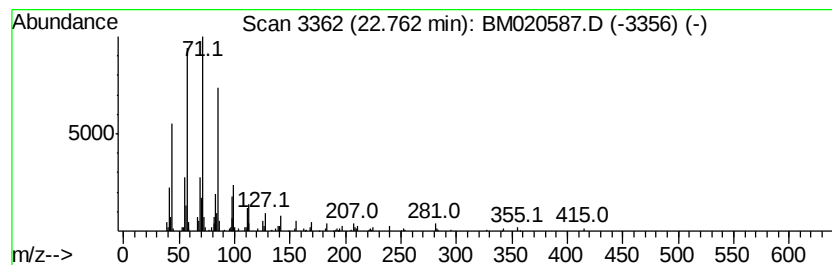
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	3.65 ng/ul	282839	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	87
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
5		Heptacosane	380	C27H56	000593-49-7	83



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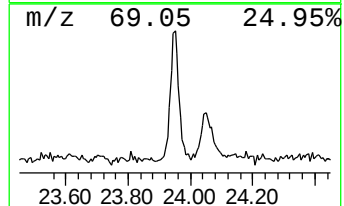
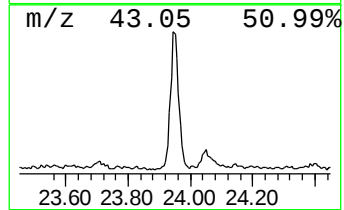
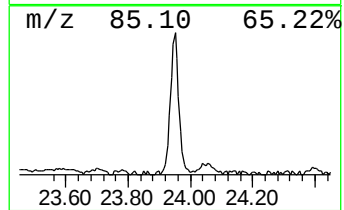
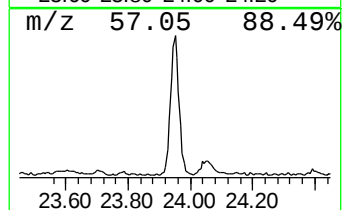
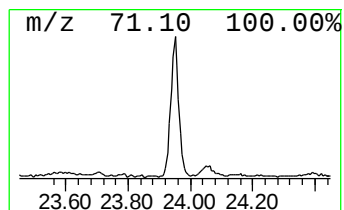
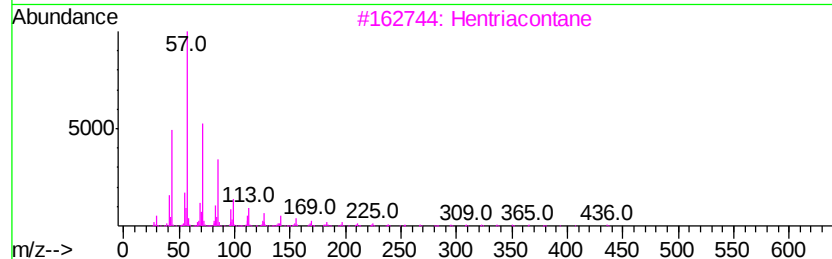
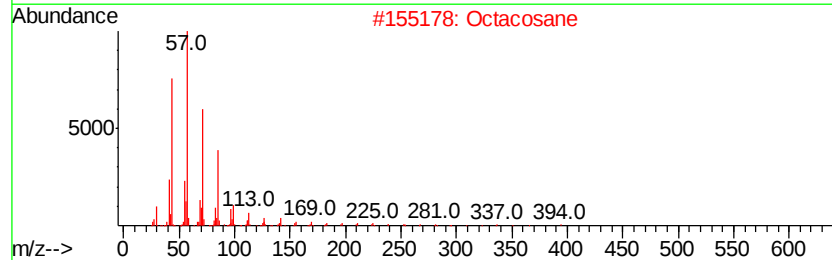
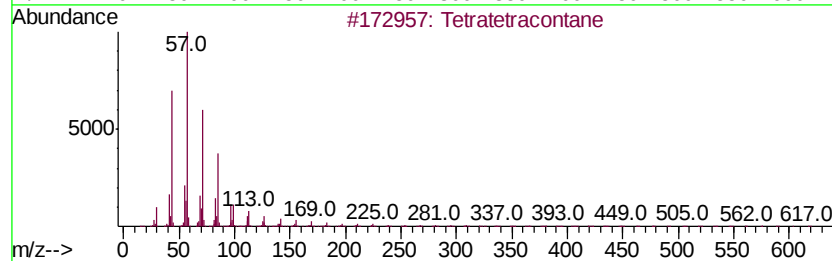
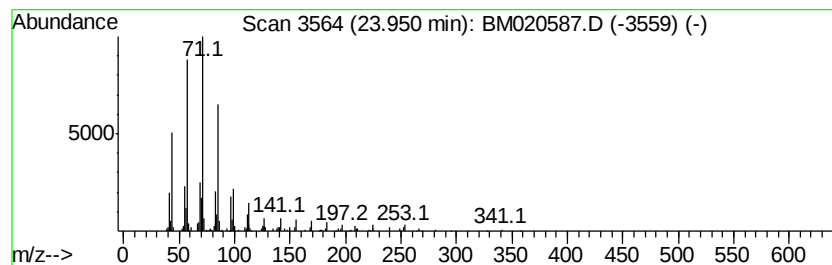
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.84 ng/ul	297679	Perylene-d12	23.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Hentriacontane	437	C31H64	000630-04-6	83
4		Hexatriacontane	507	C36H74	000630-06-8	83
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
Data File : BM020587.D
Acq On : 28 May 2019 21:41
Operator : JU/SJ
Sample : K2692-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5176

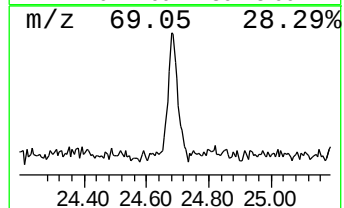
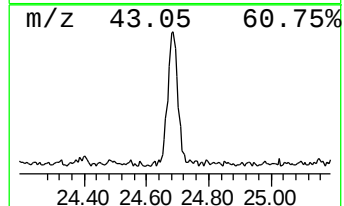
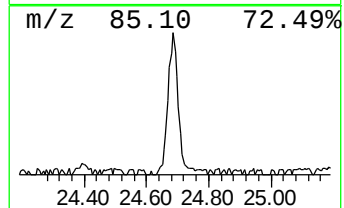
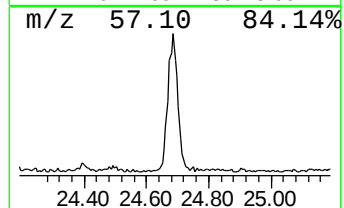
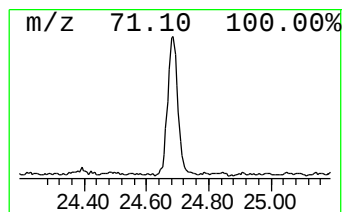
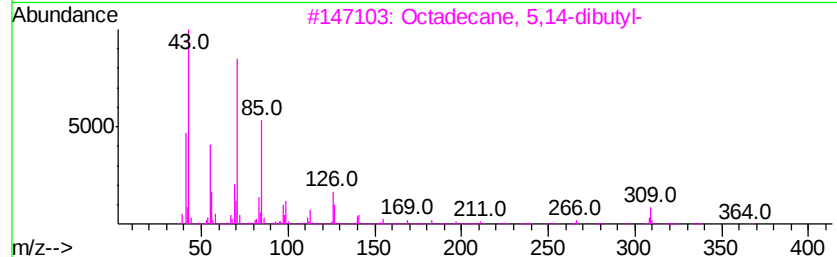
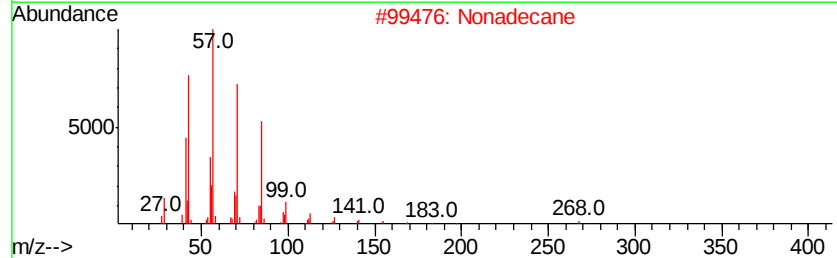
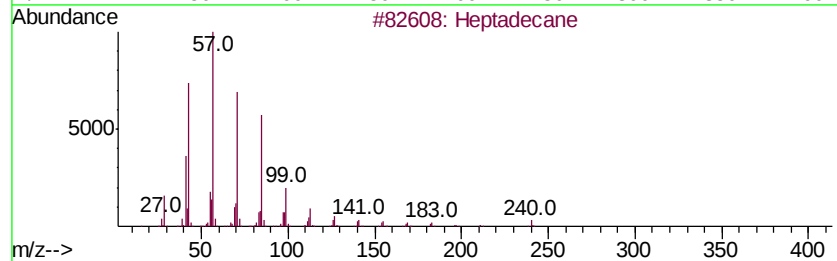
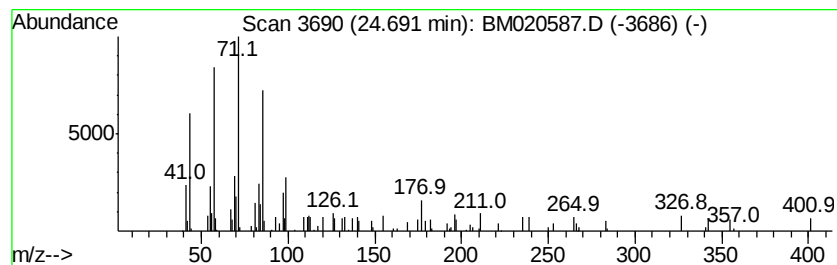
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Quant Title : SVOA CALIBRATION

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.
24.69	2.16 ng/ul	167622	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	72
2		Nonadecane	268	C19H40	000629-92-5	72
3		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	64
4		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	64
5		Heptacosane	380	C27H56	000593-49-7	64



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BNA_M
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	17.93	3.5	ng/ul	186811	4	17.04	1072890	20.0
1-Hexacosanol	20.94	3.4	ng/ul	268100	5	21.24	1569340	20.0
(DEL) Alkane: Str...	22.26	3.0	ng/ul	232215	5	21.24	1569340	20.0
(DEL) Alkane: Str...	22.76	3.6	ng/ul	282839	6	23.47	1549810	20.0
(DEL) Alkane: Str...	23.95	3.8	ng/ul	297679	6	23.47	1549810	20.0
(DEL) Alkane: Str...	24.69	2.2	ng/ul	167622	6	23.47	1549810	20.0