

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
 Data File : BM020589.D
 Acq On : 28 May 2019 22:54
 Operator : JU/SJ
 Sample : K2692-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5180

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	672	rBV	124360	328694	9.69%	1.320%
2	6.975	673	678	691	rBV	121939	254140	7.49%	1.021%
3	7.163	704	710	725	rVB	191337	380346	11.21%	1.528%
4	7.634	784	790	811	rBV	150700	333534	9.83%	1.340%
5	8.345	905	911	935	rBV	164918	440998	13.00%	1.772%
6	8.804	983	989	1010	rBV	172187	405260	11.95%	1.628%
7	9.133	1041	1045	1050	rVB2	8380	12766	0.38%	0.051%
8	9.516	1104	1110	1130	rBV	142621	348215	10.27%	1.399%
9	10.051	1194	1201	1218	rBV	204998	506727	14.94%	2.036%
10	10.422	1257	1264	1279	rBV	255201	489522	14.43%	1.966%
11	10.586	1286	1292	1315	rBV	117839	399663	11.78%	1.605%
12	13.710	1816	1823	1827	rBV	758472	1109185	32.70%	4.456%
13	13.751	1827	1830	1847	rVB	273200	426671	12.58%	1.714%
14	13.986	1863	1870	1893	rBV	769756	1236125	36.44%	4.966%
15	14.174	1899	1902	1906	rVB2	4877	6289	0.19%	0.025%
16	14.292	1915	1922	1935	rBV3	492670	797347	23.51%	3.203%
17	14.563	1958	1968	1970	rBV5	31453	70380	2.07%	0.283%
18	14.792	2006	2007	2011	rVB4	3900	3454	0.10%	0.014%
19	15.127	2061	2064	2067	rVB2	6990	8229	0.24%	0.033%
20	15.292	2085	2092	2110	rBV	1012092	1659052	48.91%	6.664%
21	15.433	2110	2116	2129	rVV	245767	448678	13.23%	1.802%
22	15.527	2129	2132	2138	rVV4	14918	27059	0.80%	0.109%
23	15.998	2208	2212	2216	rVB	2831	3728	0.11%	0.015%
24	17.045	2384	2390	2401	rBV2	676212	1088194	32.08%	4.371%
25	17.145	2401	2407	2438	rVB2	1105424	1922611	56.68%	7.723%
26	17.939	2536	2542	2552	rBV	170579	284760	8.39%	1.144%
27	18.668	2663	2666	2671	rBV3	3047	4072	0.12%	0.016%
28	19.086	2733	2737	2747	rBV3	12003	25376	0.75%	0.102%
29	19.221	2756	2760	2770	rBV3	104013	195108	5.75%	0.784%
30	19.333	2777	2779	2784	rVB	10188	12054	0.36%	0.048%
31	19.445	2792	2798	2814	rBV	1811899	2662052	78.48%	10.694%
32	19.974	2883	2888	2892	rBV6	10831	17593	0.52%	0.071%
33	20.374	2949	2956	2968	rBV2	197692	370247	10.91%	1.487%
34	20.474	2970	2973	2978	rVB3	27685	34783	1.03%	0.140%

LSC Area Percent Report

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Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	20.939	3048	3052	3064	rBV	253497	379366	11.18%	1.524%
36	21.239	3098	3103	3116	rBV	1084997	1590671	46.89%	6.390%
37	21.374	3122	3126	3133	rBV	102676	126124	3.72%	0.507%
38	21.803	3195	3199	3207	rVB	159896	206414	6.09%	0.829%
39	22.256	3272	3276	3284	rVB	253038	320221	9.44%	1.286%
40	22.750	3356	3360	3367	rVB	266262	388520	11.45%	1.561%
41	23.327	3450	3458	3473	rBV2	1538764	3392149	100.00%	13.626%
42	23.462	3475	3481	3495	rVB	778232	1629985	48.05%	6.548%
43	23.944	3558	3563	3571	rVB	179908	340244	10.03%	1.367%
44	24.680	3684	3688	3696	rVB2	99040	207384	6.11%	0.833%

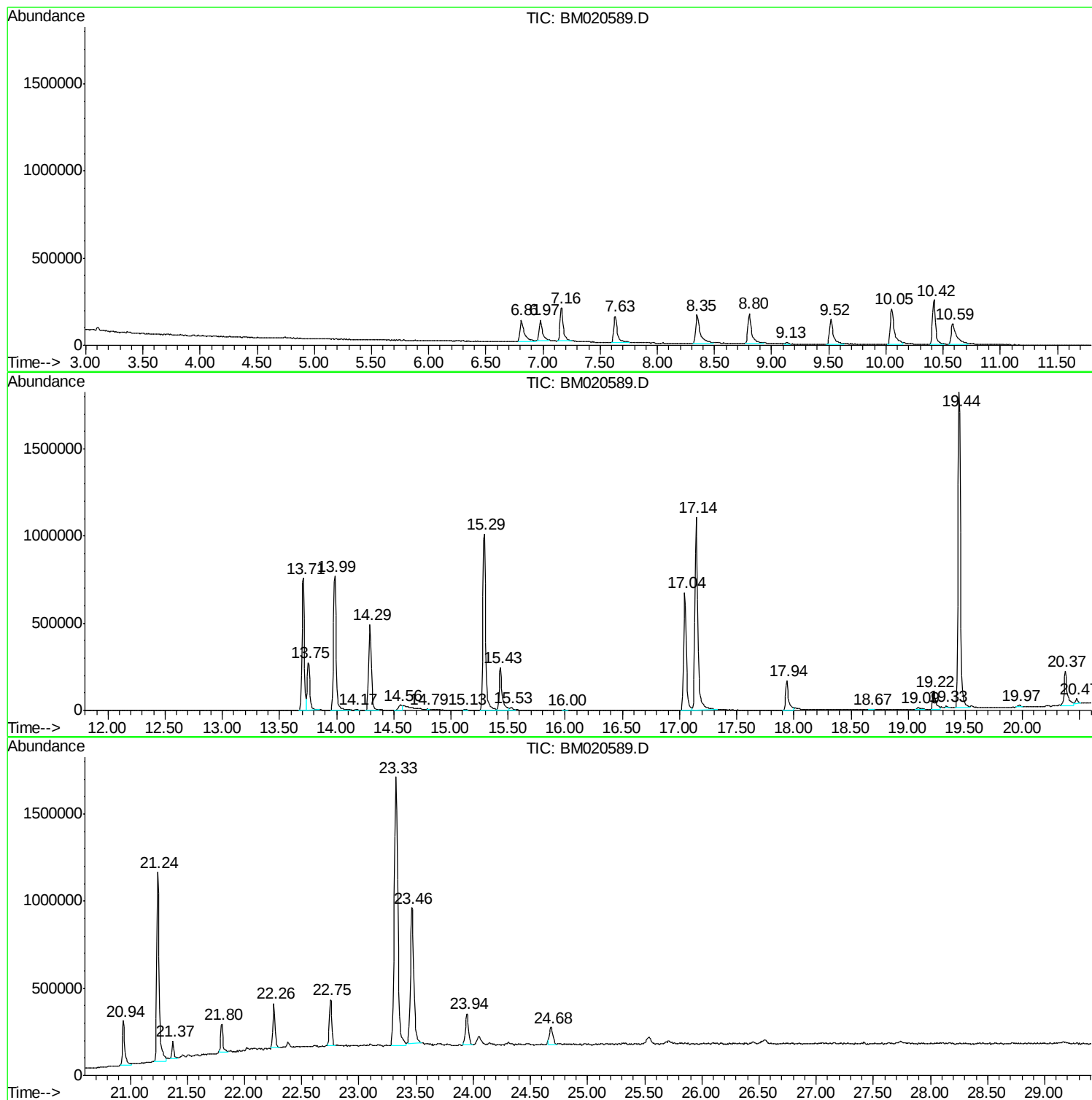
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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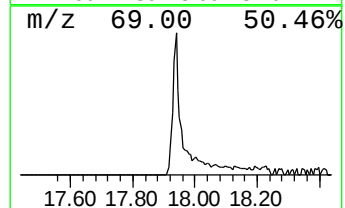
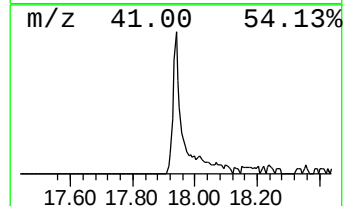
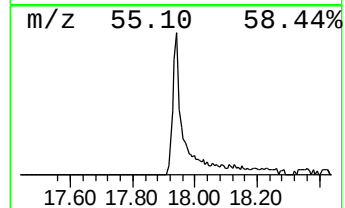
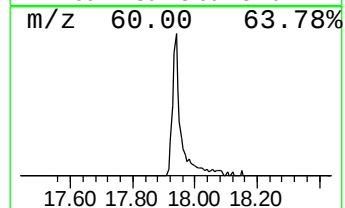
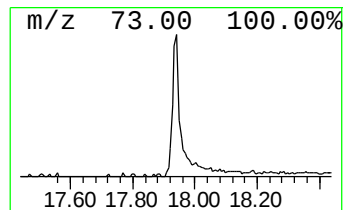
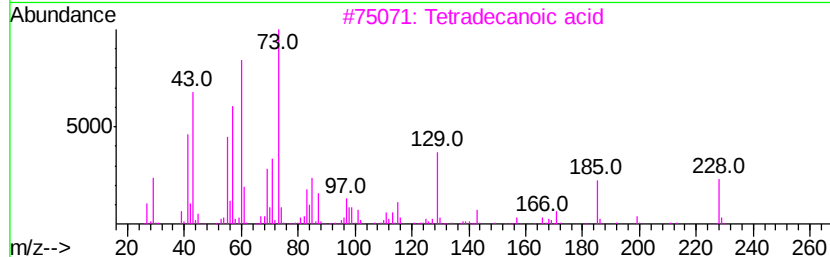
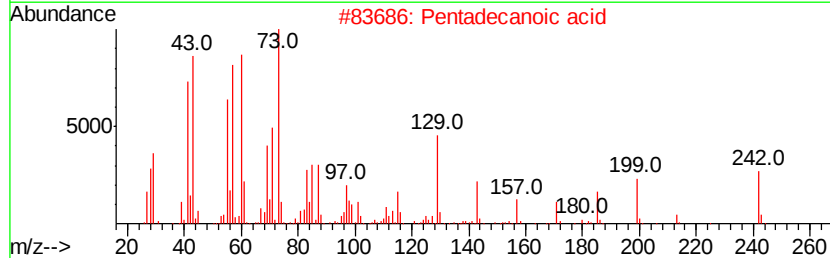
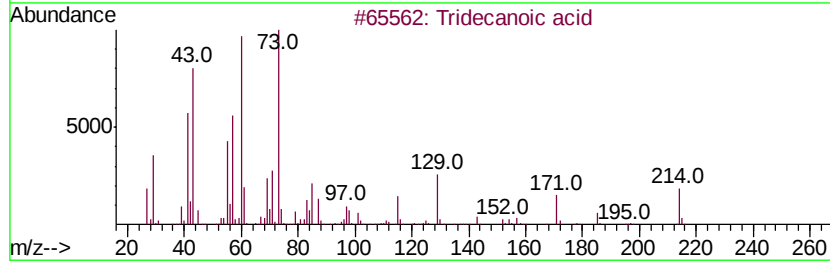
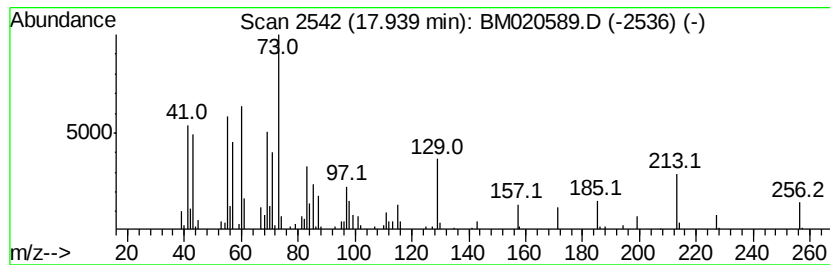
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	5.23 ng/ul	284760	Phenanthrene-d10	17.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	64
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5		Undecanoic acid	186	C11H22O2	000112-37-8	43



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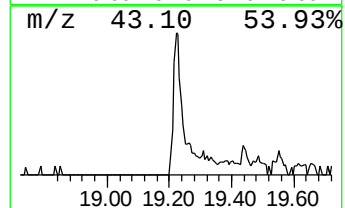
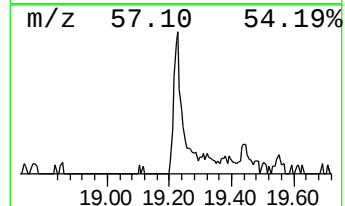
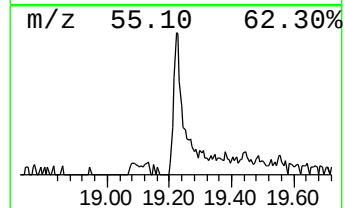
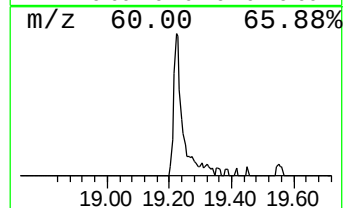
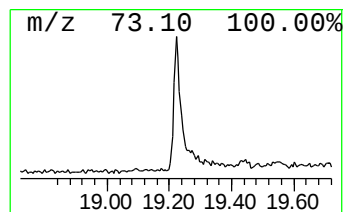
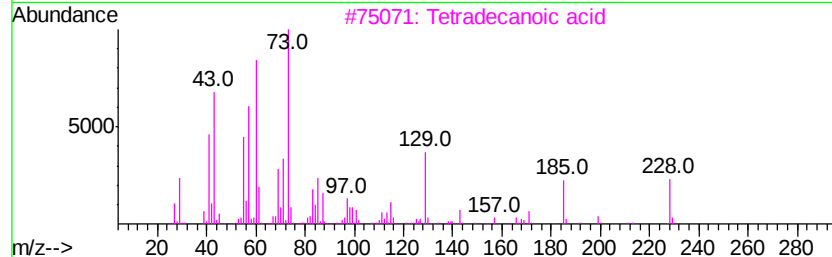
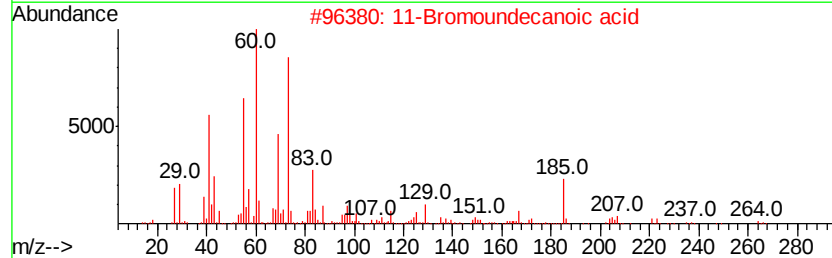
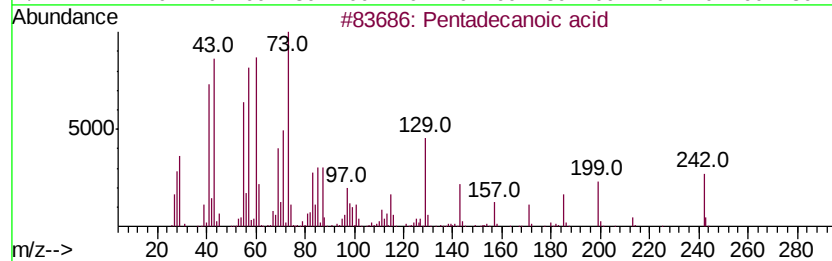
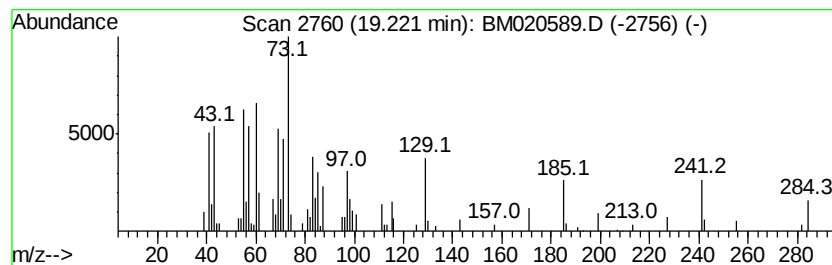
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Peak Number 2 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.45 ng/ul	195108	Chrysene-d12	21.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
2		11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	50
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4		Oleic Acid	282	C18H34O2	000112-80-1	38
5		5-Acetoxypentadecane	270	C17H34O2	1000245-62-3	27



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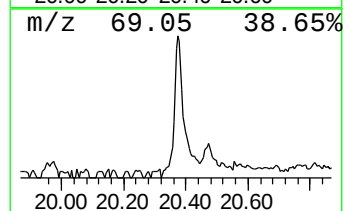
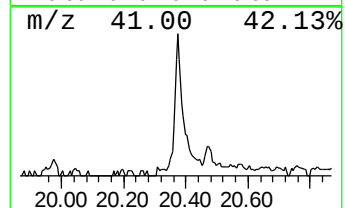
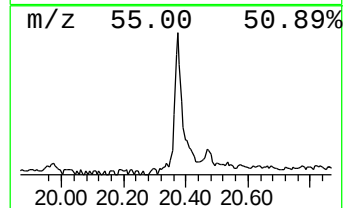
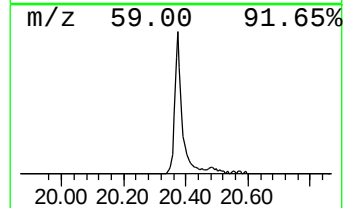
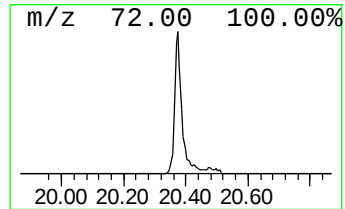
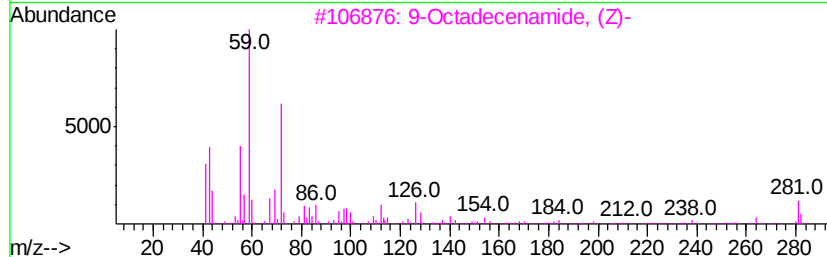
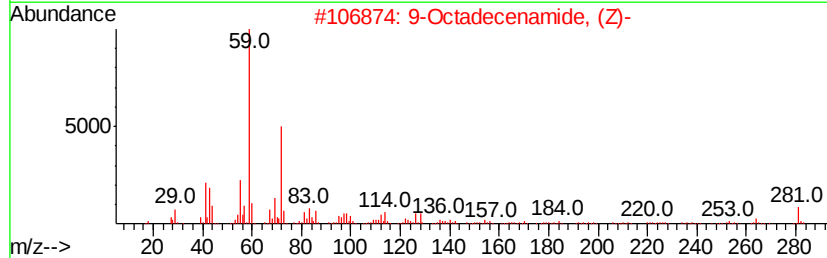
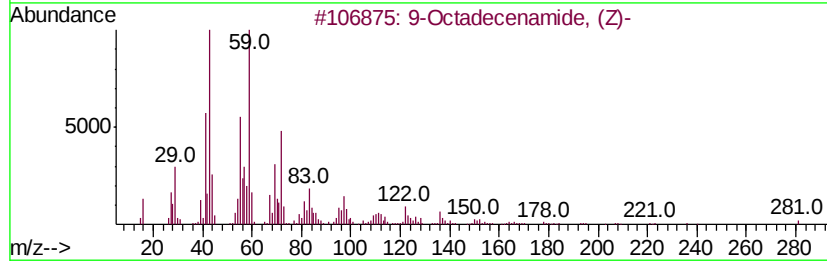
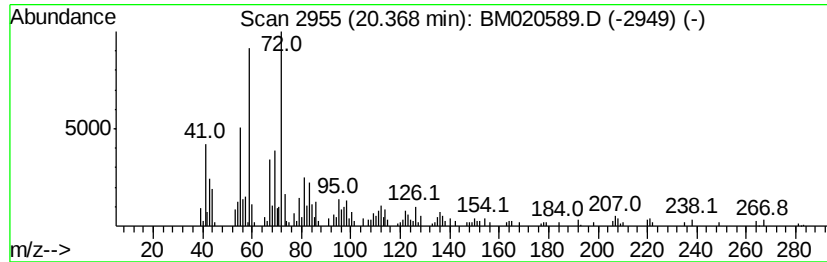
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	4.66 ng/ul	370247	Chrysene-d12	21.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	70
2	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	49
3	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	46
4	Benzeneethanamine, 2-fluoro-.bet...	229 C11H16FN03	061338-98-5	35
5	13-Docosenamide, (Z)-	337 C22H43NO	000112-84-5	27



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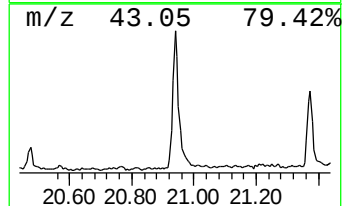
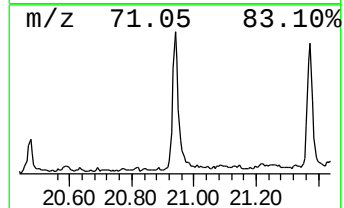
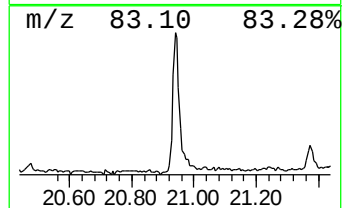
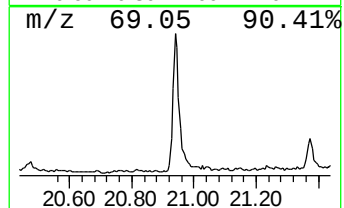
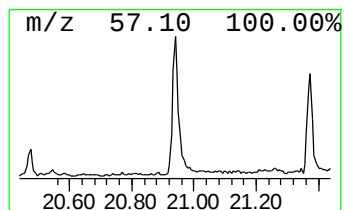
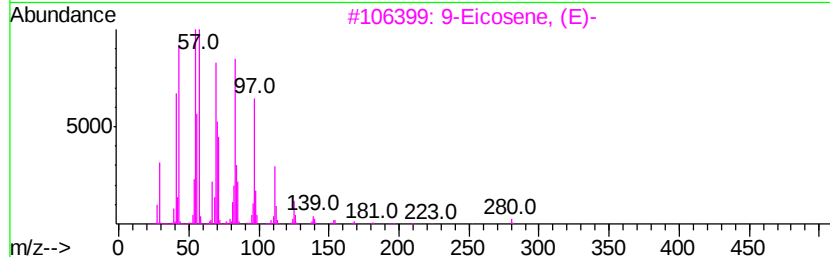
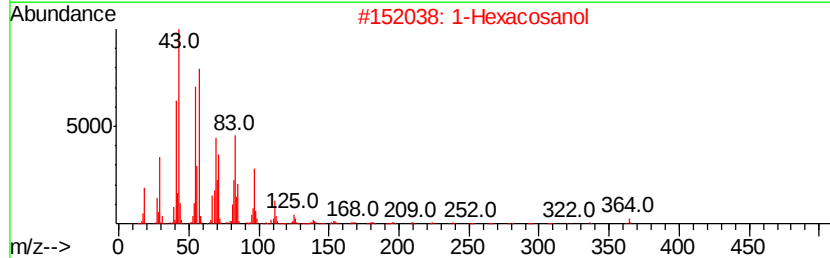
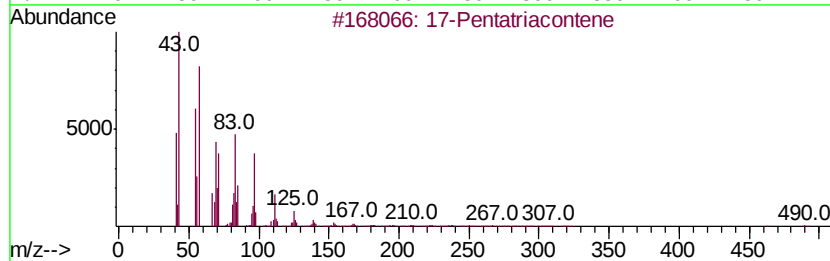
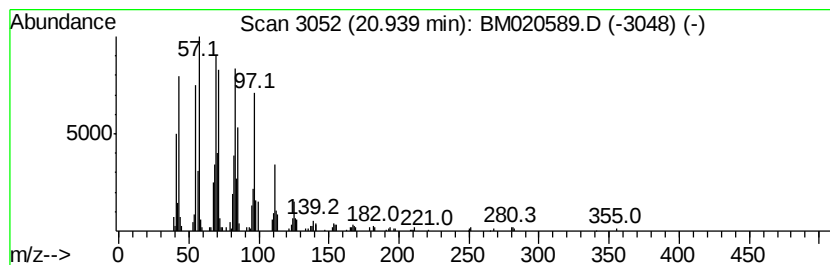
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.77 ng/ul	379366	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	90
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	86
4		Isoheptadecanol	256	C17H36O	057289-07-3	74
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	74



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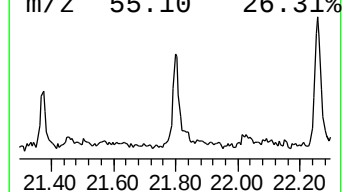
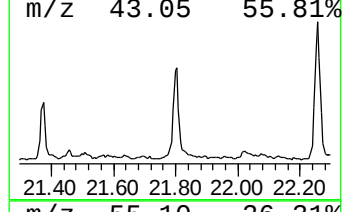
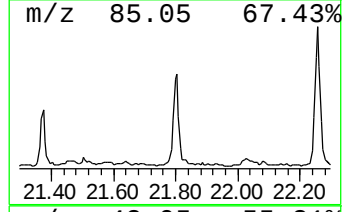
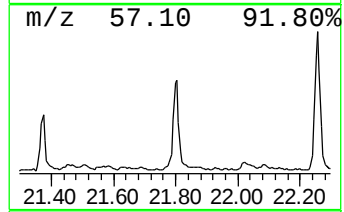
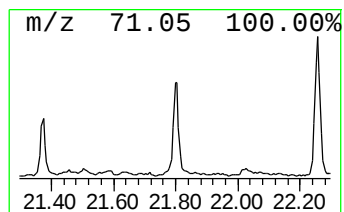
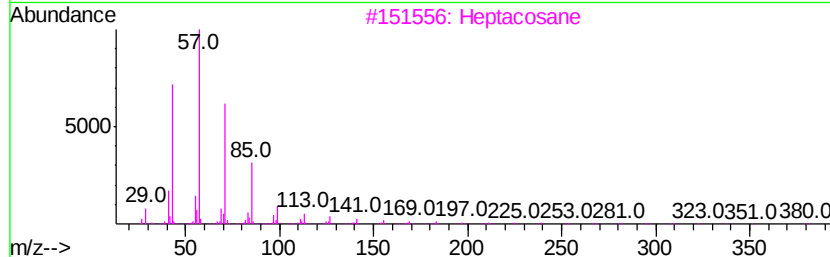
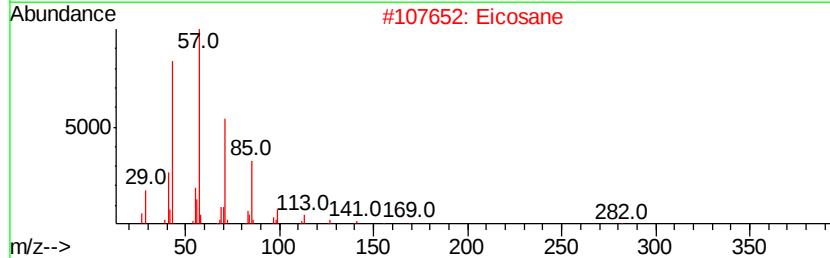
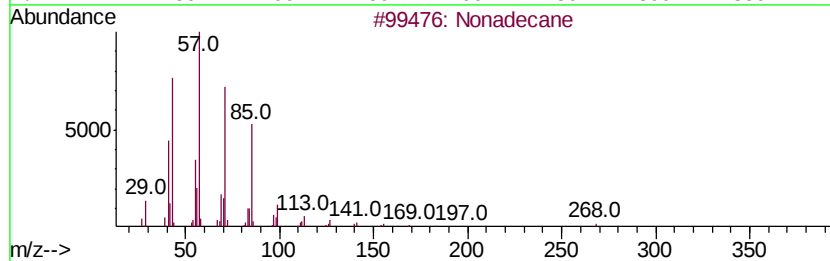
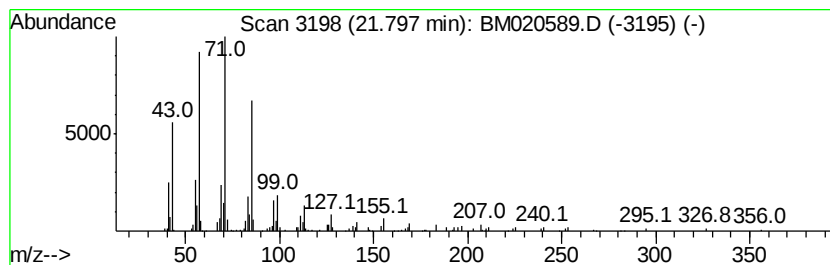
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.60 ng/ul	206414	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Eicosane	282	C20H42	000112-95-8	81
3		Heptacosane	380	C27H56	000593-49-7	74
4		Octacosane	394	C28H58	000630-02-4	74
5		Tetracosane	338	C24H50	000646-31-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
Data File : BM020589.D
Acq On : 28 May 2019 22:54
Operator : JU/SJ
Sample : K2692-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

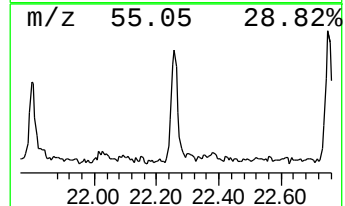
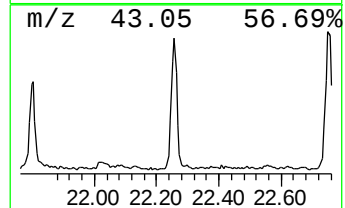
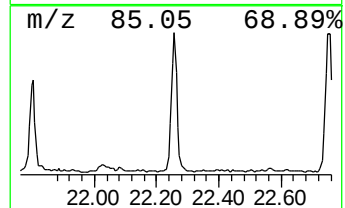
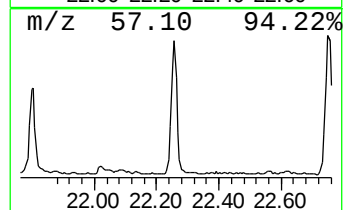
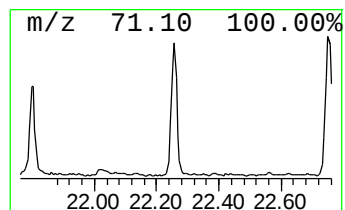
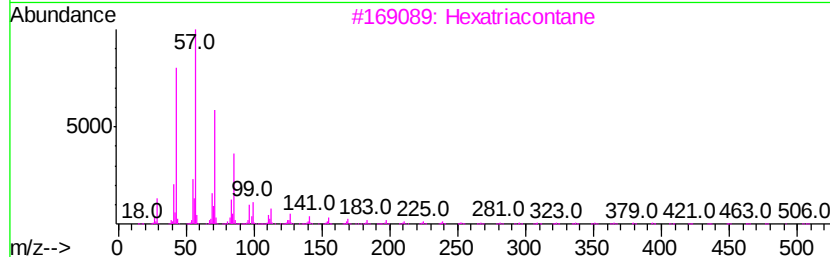
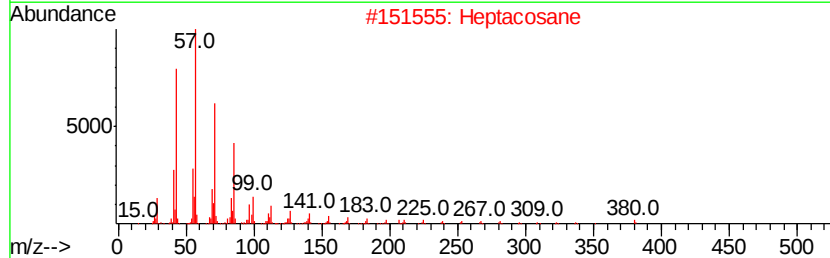
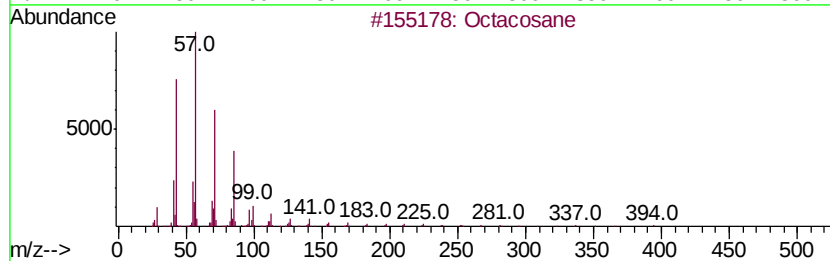
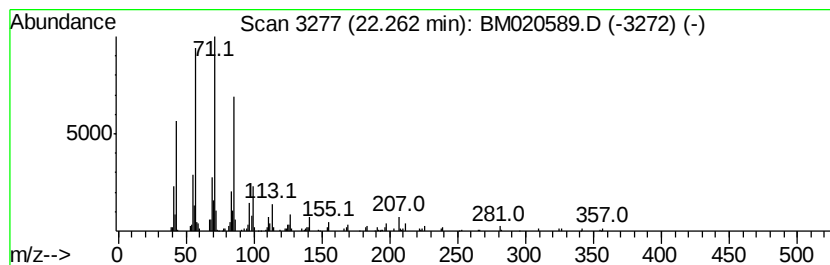
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.26	4.03 ng/ul	320221	Chrysene-d12	21.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Hexatriacontane	507	C36H74	000630-06-8	86
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5	Nonacosane	408	C29H60	000630-03-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
Data File : BM020589.D
Acq On : 28 May 2019 22:54
Operator : JU/SJ
Sample : K2692-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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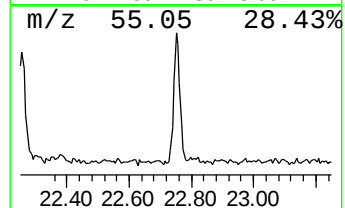
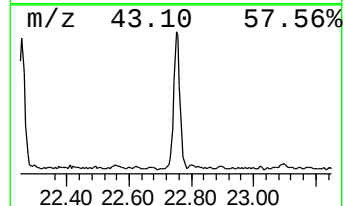
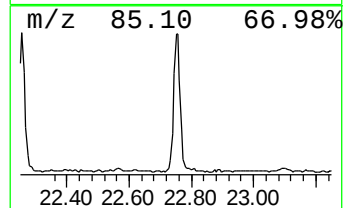
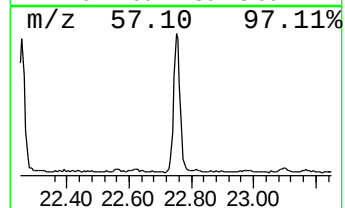
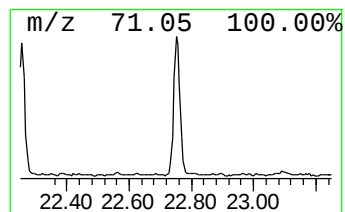
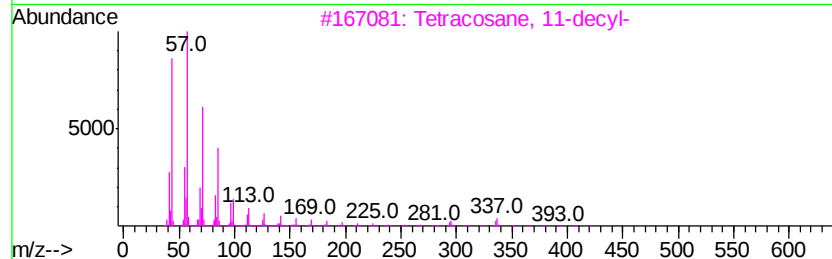
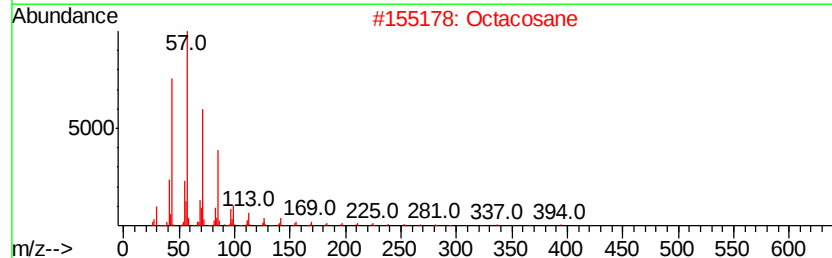
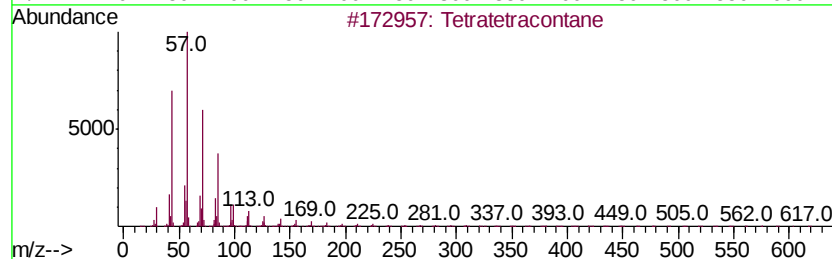
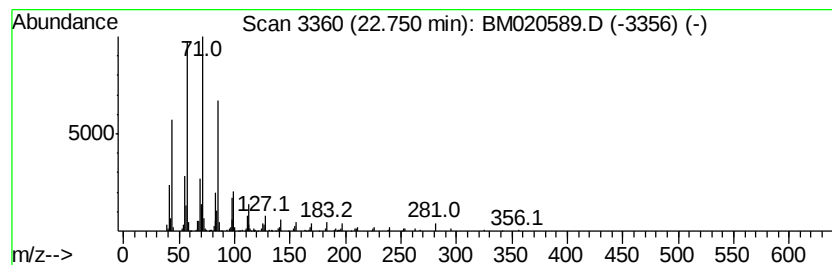
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	4.77 ng/ul	388520	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
4		Tetratriacontane	479	C34H70	014167-59-0	76
5		Nonacosane	408	C29H60	000630-03-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
Data File : BM020589.D
Acq On : 28 May 2019 22:54
Operator : JU/SJ
Sample : K2692-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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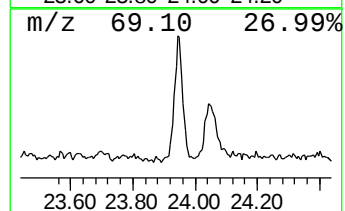
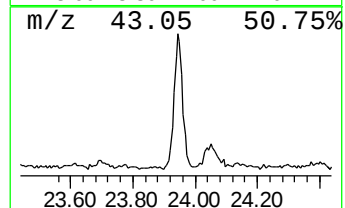
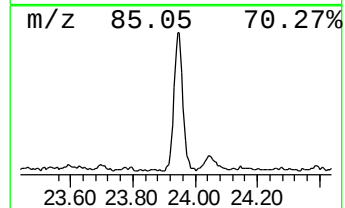
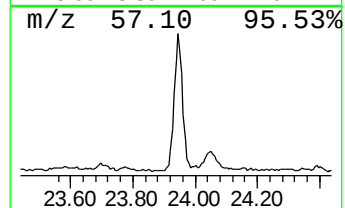
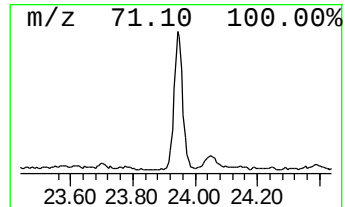
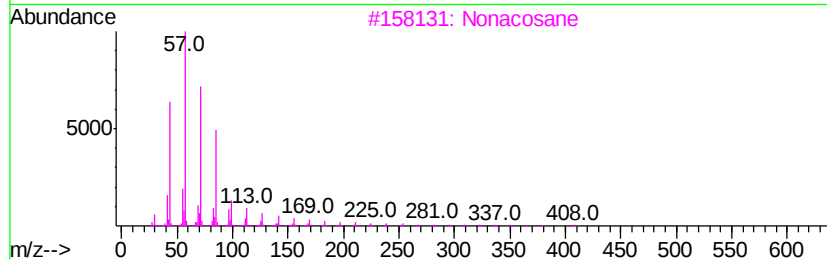
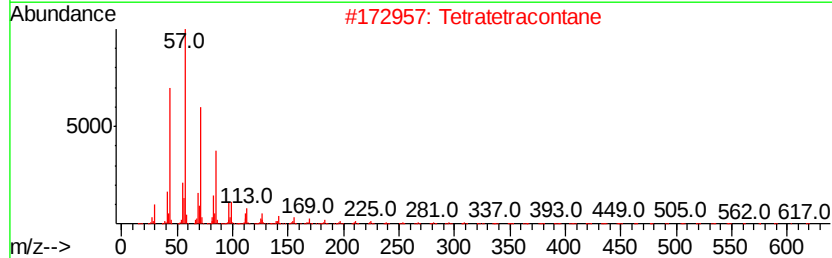
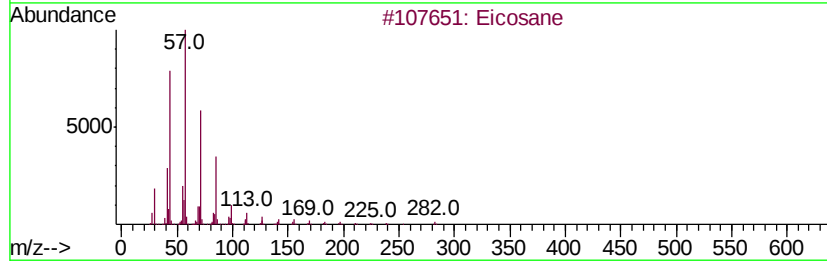
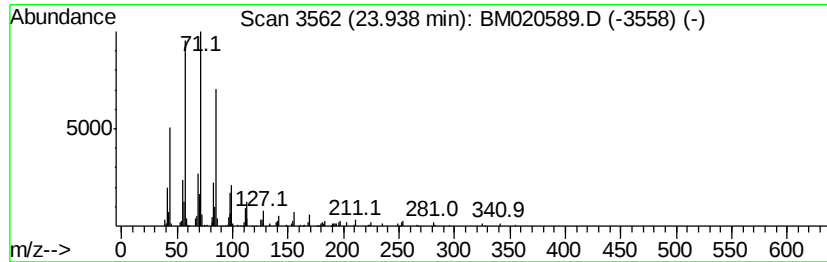
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	4.17 ng/ul	340244	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Nonacosane	408	C29H60	000630-03-5	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Hexatriacontane	507	C36H74	000630-06-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
Data File : BM020589.D
Acq On : 28 May 2019 22:54
Operator : JU/SJ
Sample : K2692-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

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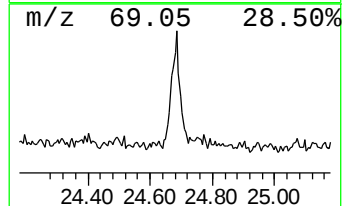
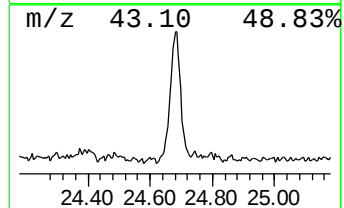
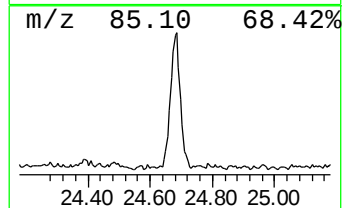
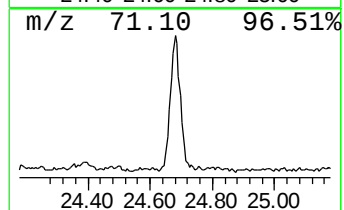
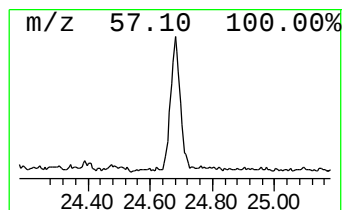
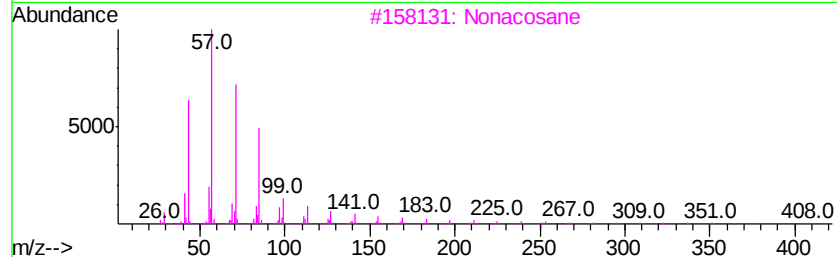
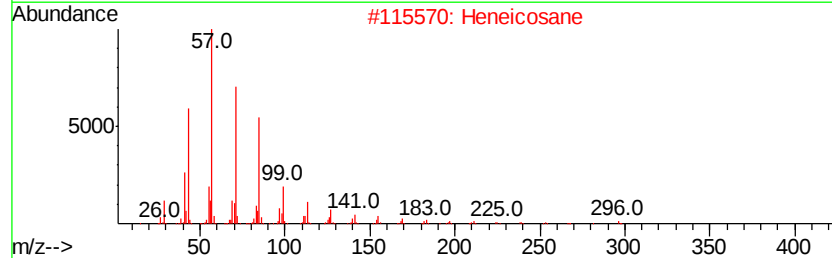
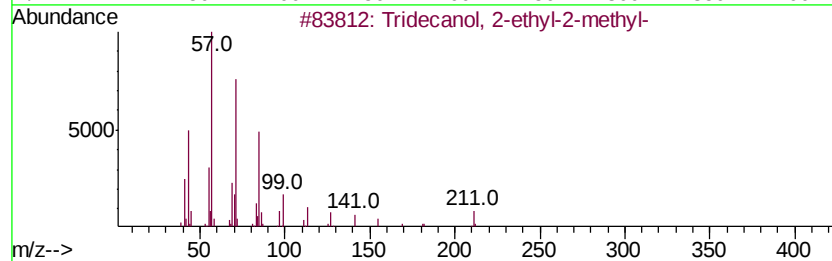
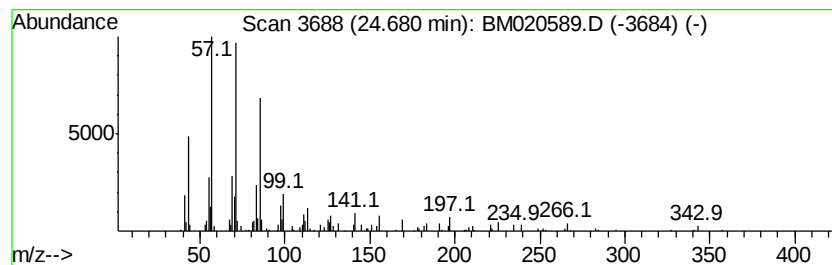
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.68	2.54 ng/ul	207384	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	87
2		Heneicosane	296	C21H44	000629-94-7	87
3		Nonacosane	408	C29H60	000630-03-5	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052919\
Data File : BM020589.D
Acq On : 28 May 2019 22:54
Operator : JU/SJ
Sample : K2692-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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
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Pentadecanoic acid	19.22	2.5	ng/ul	195108	5	21.24	1590670	20.0
9-Octadecenamide, ...	20.37	4.7	ng/ul	370247	5	21.24	1590670	20.0
(DEL) Alkane: Str...	20.94	4.8	ng/ul	379366	5	21.24	1590670	20.0
(DEL) Alkane: Str...	21.80	2.6	ng/ul	206414	5	21.24	1590670	20.0
(DEL) Alkane: Str...	22.26	4.0	ng/ul	320221	5	21.24	1590670	20.0
(DEL) Alkane: Str...	22.75	4.8	ng/ul	388520	6	23.46	1629990	20.0
(DEL) Alkane: Str...	23.94	4.2	ng/ul	340244	6	23.46	1629990	20.0
Tridecanol, 2-eth...	24.68	2.5	ng/ul	207384	6	23.46	1629990	20.0