

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
 Data File : BM021154.D
 Acq On : 25 Jun 2019 10:48
 Operator : HP/JU
 Sample : K3289-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFCL8

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-BM061419MA.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	3.022	3	6	16	rVB	503234	694229	8.32%	0.923%
2	3.287	48	51	53	rBV	49749	61097	0.73%	0.081%
3	3.316	53	56	66	rVB	230261	325008	3.90%	0.432%
4	6.939	666	672	683	rVB	188934	330212	3.96%	0.439%
5	7.110	695	701	713	rBV	709006	1072389	12.86%	1.425%
6	7.304	727	734	744	rVB	748683	1174854	14.09%	1.562%
7	7.769	807	813	820	rBV	811158	1284879	15.41%	1.708%
8	8.469	924	932	943	rBV	599966	987721	11.84%	1.313%
9	8.933	1003	1011	1023	rBV	934387	1553784	18.63%	2.065%
10	9.304	1069	1074	1079	rVB	16514	22980	0.28%	0.031%
11	9.645	1125	1132	1146	rBV	790309	1306969	15.67%	1.737%
12	10.080	1201	1206	1215	rBV2	18918	37460	0.45%	0.050%
13	10.180	1215	1223	1239	rVV	1215473	2096557	25.14%	2.787%
14	10.557	1278	1287	1295	rBV	1240724	2031423	24.36%	2.700%
15	10.710	1305	1313	1324	rBV	131582	255883	3.07%	0.340%
16	11.233	1396	1402	1410	rVB2	9463	18099	0.22%	0.024%
17	11.798	1494	1498	1502	rVB3	10143	16080	0.19%	0.021%
18	12.157	1552	1559	1566	rBV2	17317	31442	0.38%	0.042%
19	13.821	1834	1842	1847	rBV	2628419	3804541	45.62%	5.057%
20	13.868	1847	1850	1860	rVB	176447	246683	2.96%	0.328%
21	14.104	1883	1890	1900	rBV	3115665	4507677	54.05%	5.991%
22	14.410	1935	1942	1953	rVB2	2104379	3164804	37.95%	4.207%
23	14.627	1972	1979	1994	rBV	128195	276568	3.32%	0.368%
24	14.827	2008	2013	2016	rBV6	9867	14973	0.18%	0.020%
25	15.204	2073	2077	2082	rVV	24933	31551	0.38%	0.042%
26	15.251	2082	2085	2091	rVB5	7171	8702	0.10%	0.012%
27	15.404	2105	2111	2122	rBV	4146693	5953570	71.39%	7.913%
28	15.533	2126	2133	2147	rBV	1112610	1613515	19.35%	2.145%
29	15.645	2147	2152	2159	rVB	50389	76600	0.92%	0.102%
30	16.115	2228	2232	2235	rBV4	12047	14573	0.17%	0.019%
31	16.186	2240	2244	2251	rVB7	6689	10494	0.13%	0.014%
32	16.562	2303	2308	2314	rBV7	8822	17512	0.21%	0.023%
33	16.909	2364	2367	2370	rBV5	8881	10950	0.13%	0.015%
34	16.951	2370	2374	2378	rVB	11389	19010	0.23%	0.025%

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35	17.156	2403	2409	2416	rBV2	3031120	4167311	49.97%	5.539%
36	17.256	2420	2426	2435	rBV	4927756	6838572	82.00%	9.090%
37	17.539	2472	2474	2478	rBV5	7114	9608	0.12%	0.013%
38	17.645	2488	2492	2498	rBV5	11916	21322	0.26%	0.028%
39	17.921	2536	2539	2542	rVB5	7796	9126	0.11%	0.012%
40	18.045	2556	2560	2570	rBV	182528	276877	3.32%	0.368%
41	18.339	2607	2610	2616	rBV4	17679	21631	0.26%	0.029%
42	18.974	2714	2718	2723	rVB	37438	44903	0.54%	0.060%
43	19.186	2749	2754	2770	rBV2	101740	232746	2.79%	0.309%
44	19.327	2774	2778	2787	rBV	77436	132168	1.58%	0.176%
45	19.439	2794	2797	2800	rVB2	42767	48848	0.59%	0.065%
46	19.550	2810	2816	2821	rBV	6170250	8339222	100.00%	11.084%
47	19.592	2821	2823	2827	rVB	102498	109314	1.31%	0.145%
48	20.086	2904	2907	2913	rVB	135941	156975	1.88%	0.209%
49	20.456	2967	2970	2978	rBV9	55076	85065	1.02%	0.113%
50	20.586	2988	2992	2995	rBV	301289	328122	3.93%	0.436%
51	20.621	2996	2998	3002	rVB3	47093	43445	0.52%	0.058%
52	21.050	3067	3071	3077	rBV	584371	708073	8.49%	0.941%
53	21.344	3115	3121	3129	rBV	3353146	4599278	55.15%	6.113%
54	21.486	3141	3145	3149	rBV	524078	605188	7.26%	0.804%
55	21.921	3216	3219	3228	rBV	542613	667186	8.00%	0.887%
56	22.391	3295	3299	3315	rVB	667053	1102644	13.22%	1.466%
57	22.521	3317	3321	3327	rVB	653529	904654	10.85%	1.202%
58	22.903	3382	3386	3391	rBV	505027	721367	8.65%	0.959%
59	23.474	3476	3483	3491	rBV	3989645	7433664	89.14%	9.881%
60	23.615	3501	3507	3521	rVB	2116893	3912464	46.92%	5.200%
61	24.132	3591	3595	3605	rVB	337719	642296	7.70%	0.854%

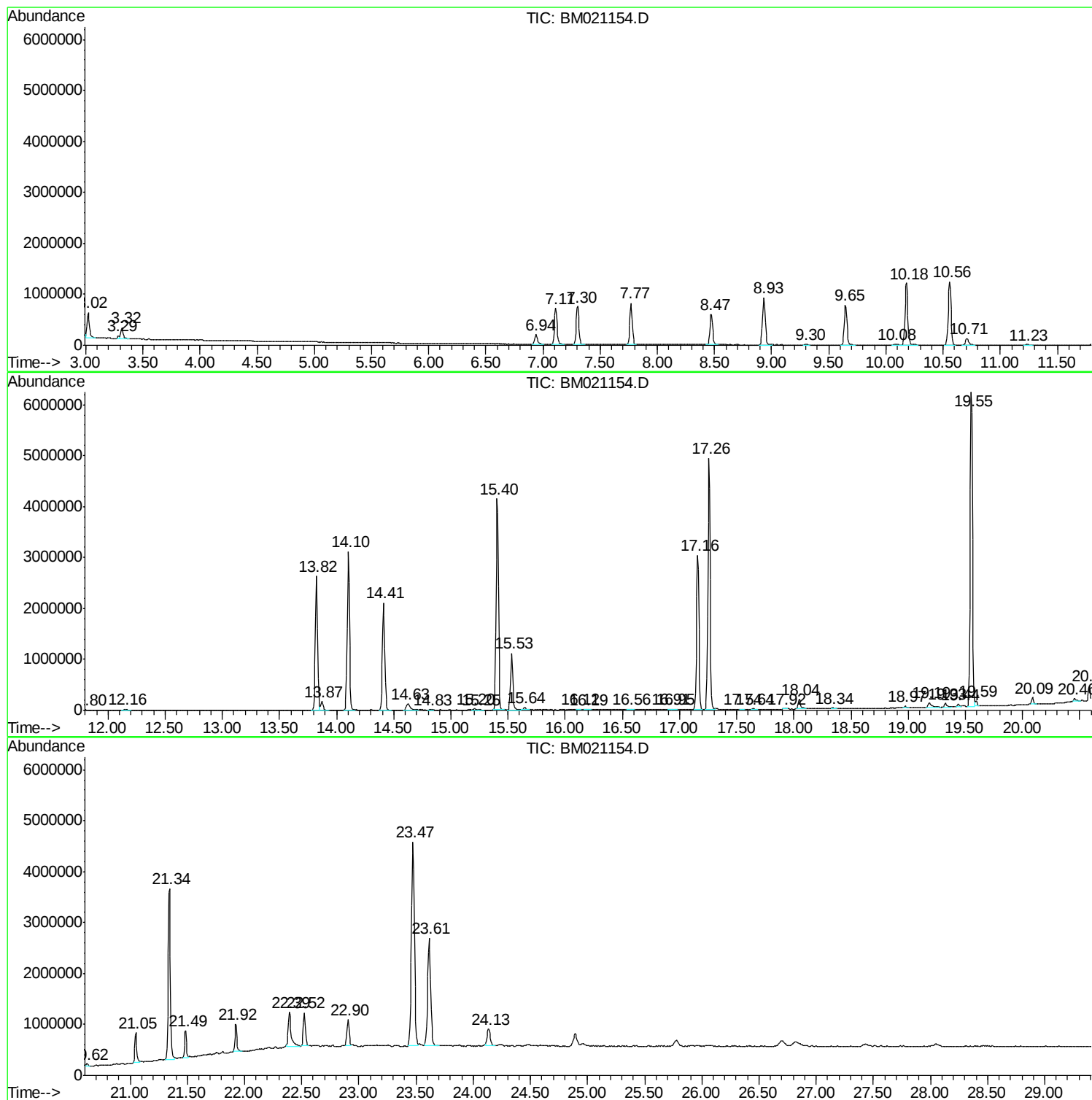
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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ClientSampleId :
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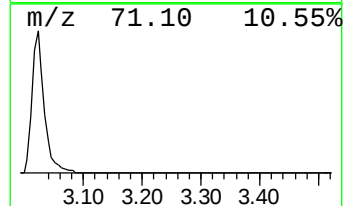
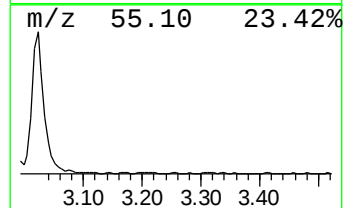
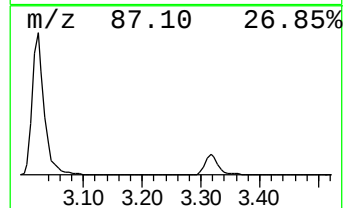
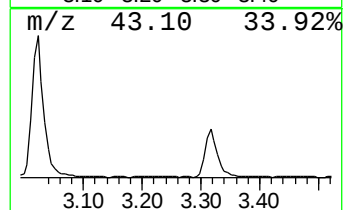
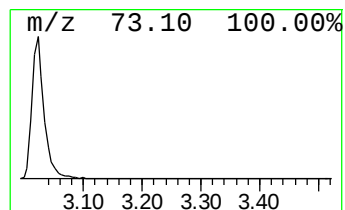
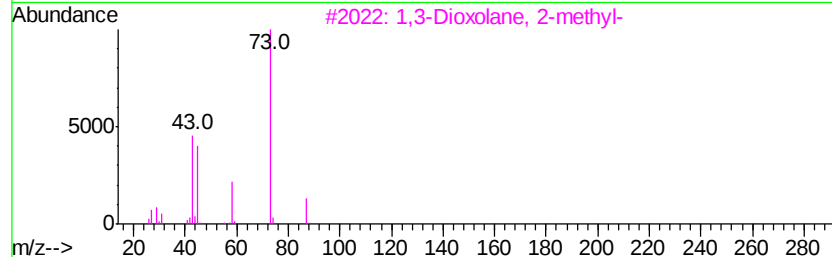
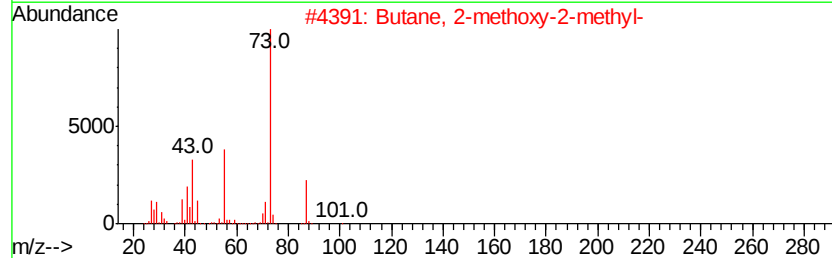
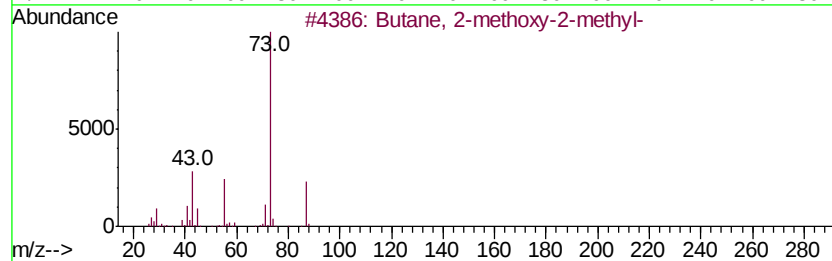
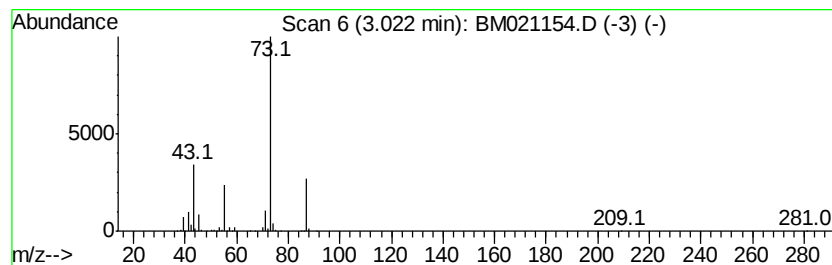
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	10.81 ng/ul	694229	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	50
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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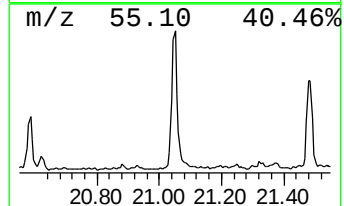
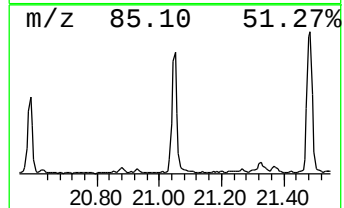
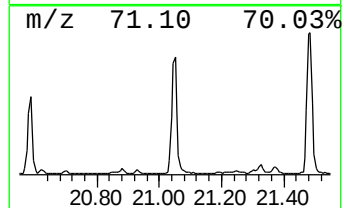
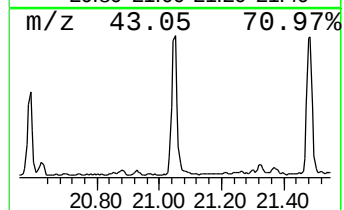
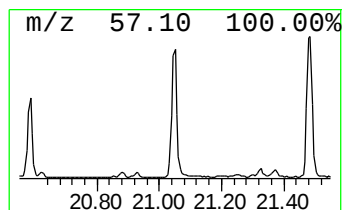
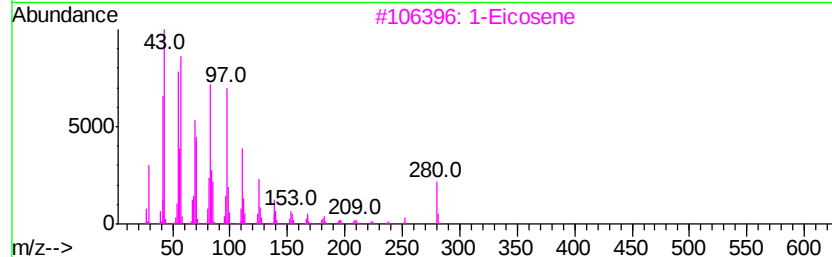
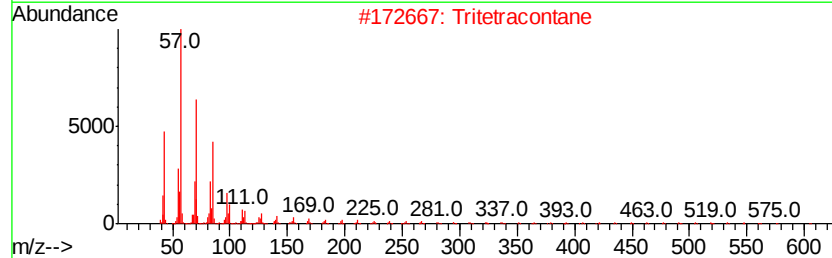
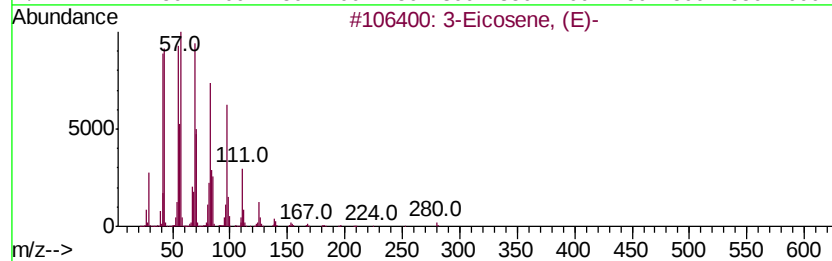
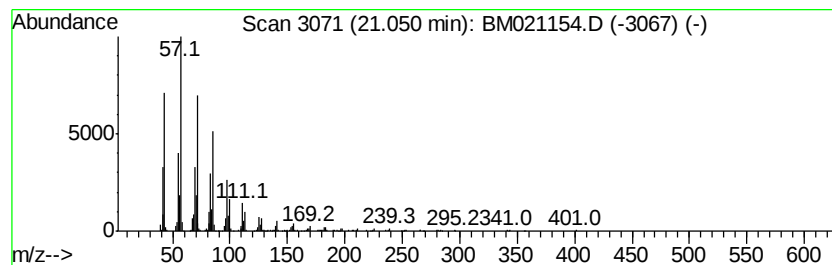
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	3.08 ng/ul	708073	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2		Tritetracontane	605	C43H88	007098-21-7	87
3		1-Eicosene	280	C20H40	003452-07-1	86
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	83
5		Heneicosane	296	C21H44	000629-94-7	76



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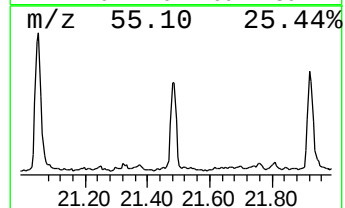
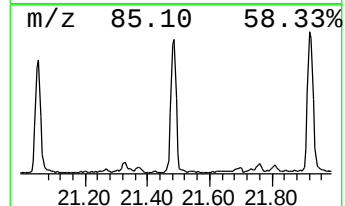
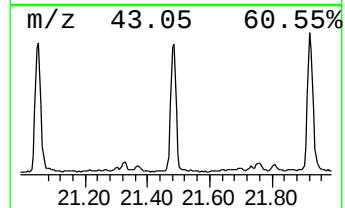
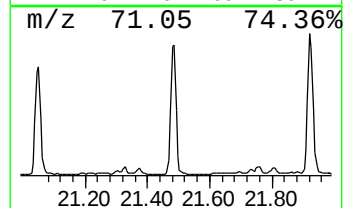
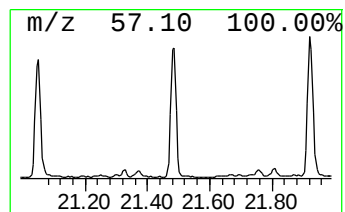
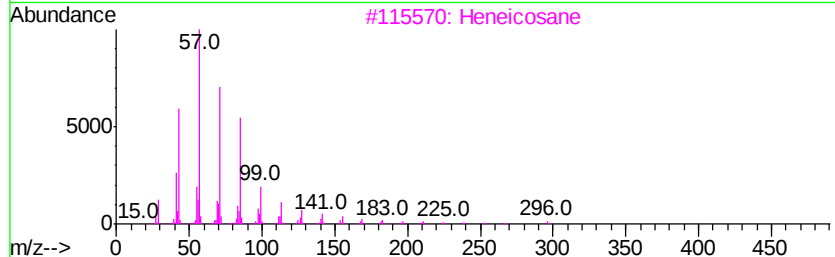
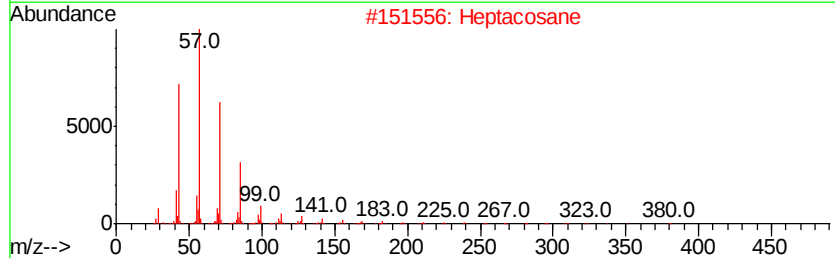
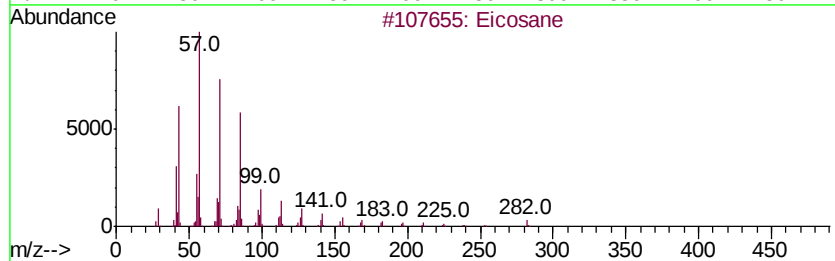
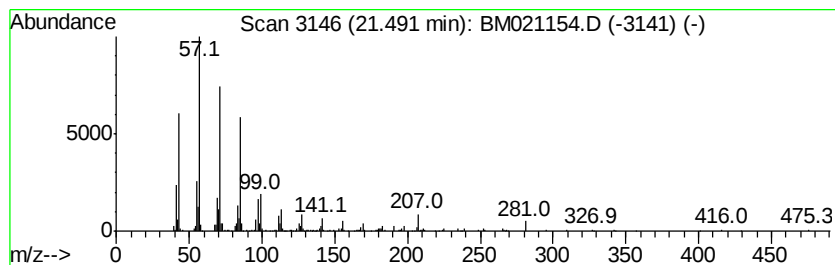
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.63 ng/ul	605188	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 97
2	Heptacosane		380 C27H56	000593-49-7 90
3	Heneicosane		296 C21H44	000629-94-7 90
4	Triacontane		422 C30H62	000638-68-6 90
5	Octadecane, 2-methyl-		268 C19H40	001560-88-9 90



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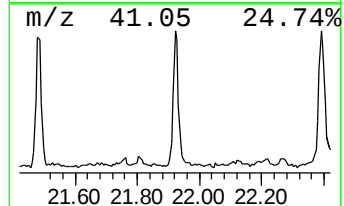
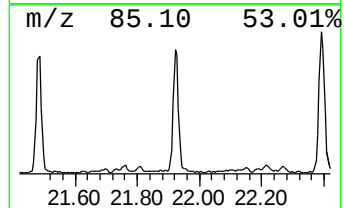
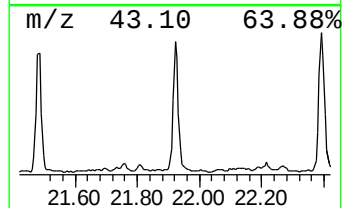
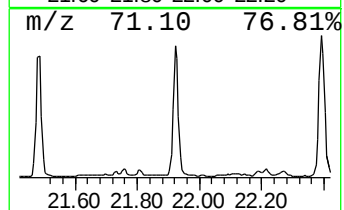
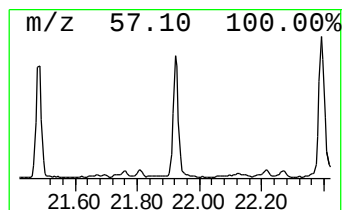
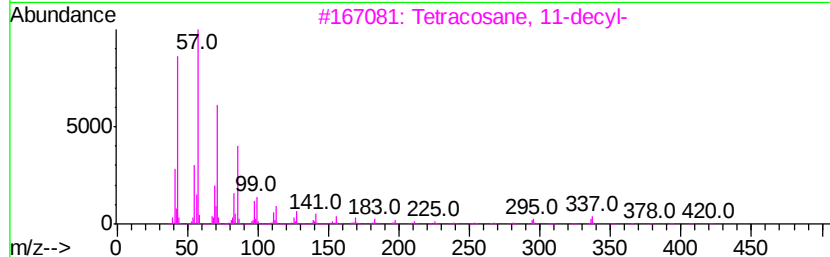
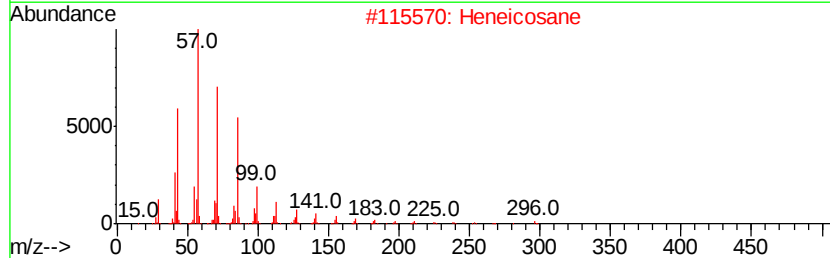
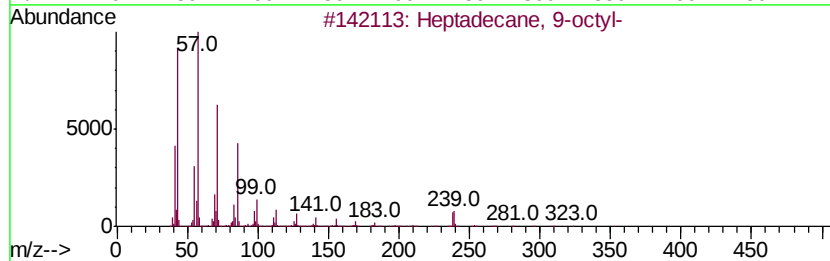
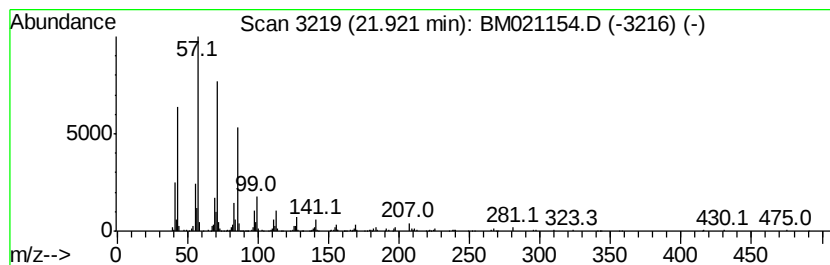
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	2.90 ng/ul	667186	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4		triacontane	422	C30H62	000638-68-6	91
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91



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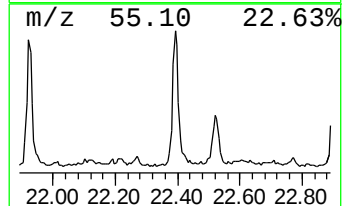
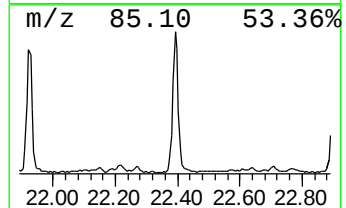
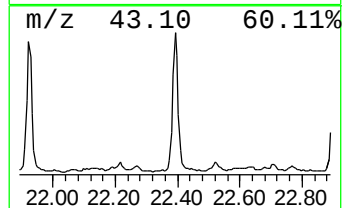
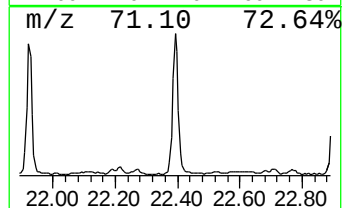
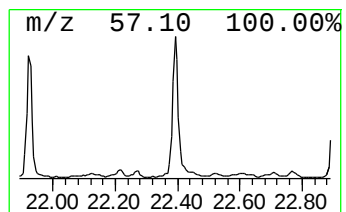
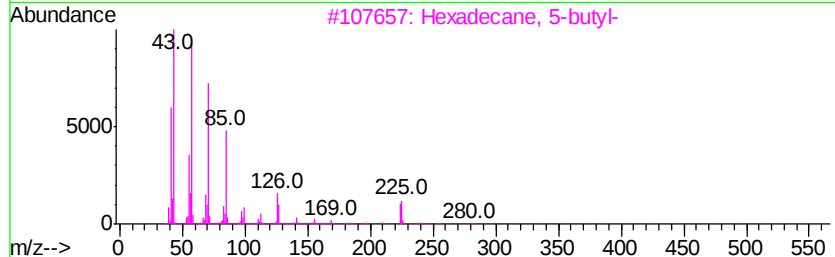
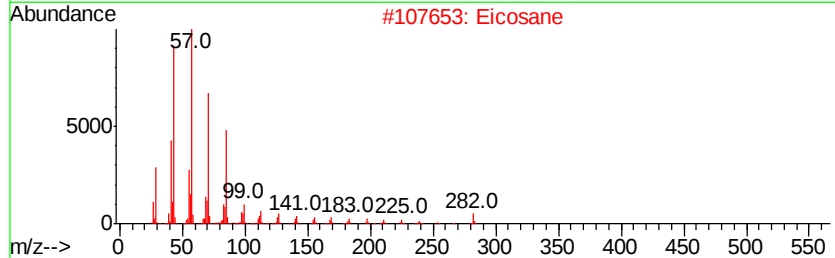
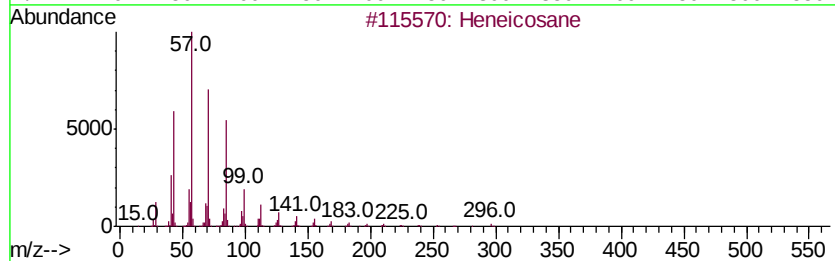
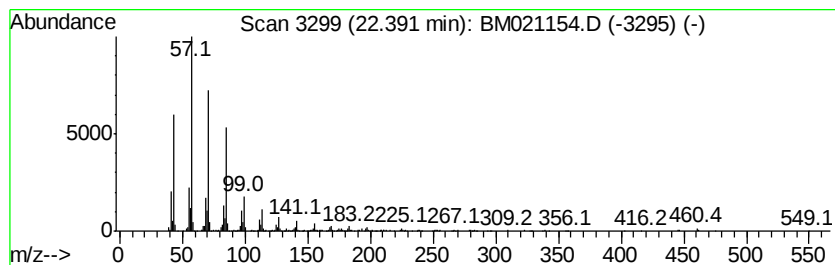
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	4.79 ng/ul	1102640	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Eicosane	282	C20H42	000112-95-8	90
3		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021154.D
Acq On : 25 Jun 2019 10:48
Operator : HP/JU
Sample : K3289-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFCL8

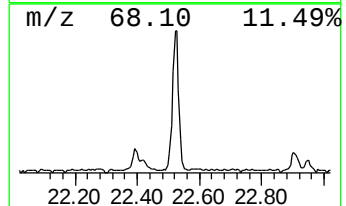
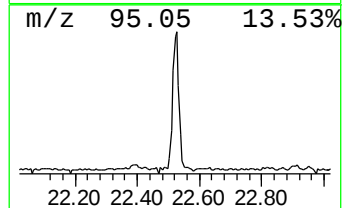
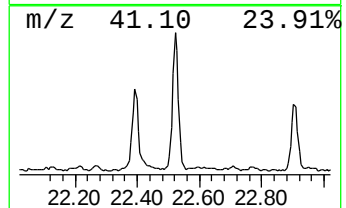
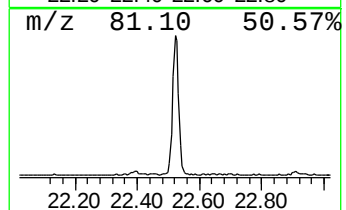
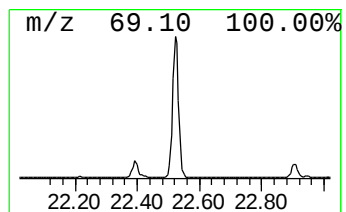
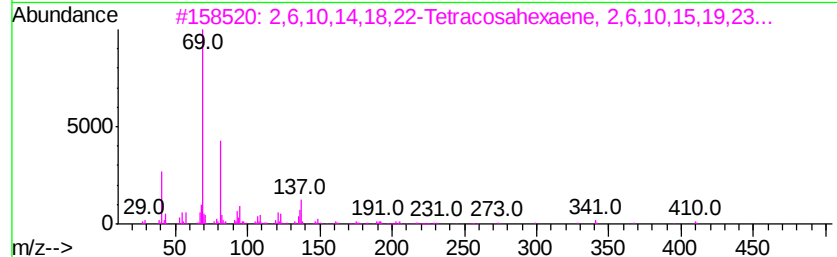
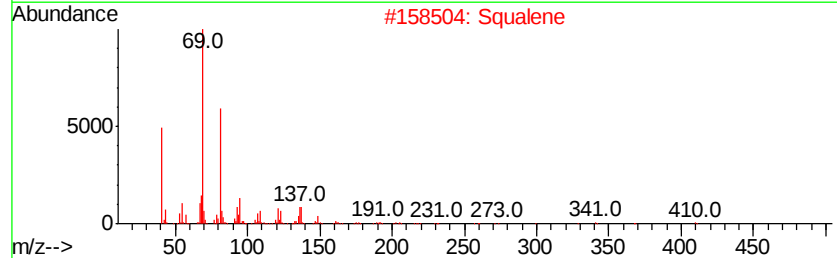
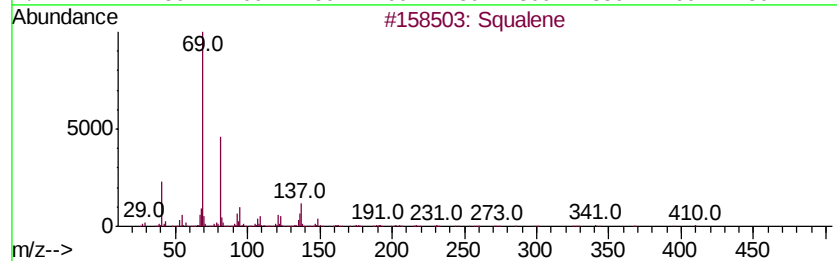
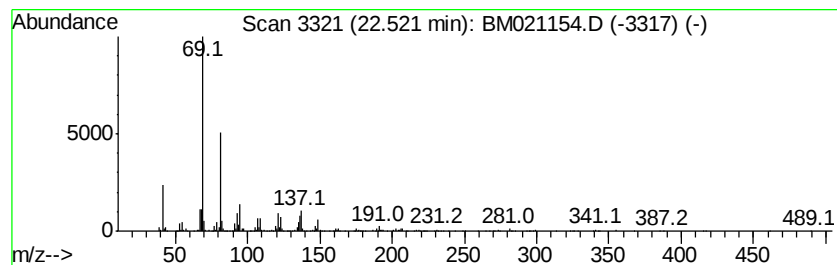
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	4.62 ng/ul	904654	Perylene-d12	23.61

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		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5		2,6,10-Dodecatriene, 3(E),7(E),1...	236	C16H28O	1000159-57-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021154.D
Acq On : 25 Jun 2019 10:48
Operator : HP/JU
Sample : K3289-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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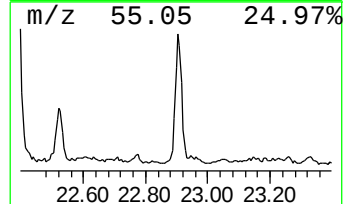
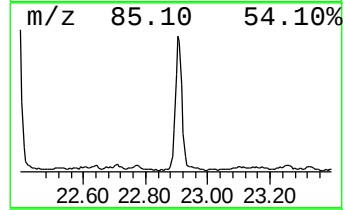
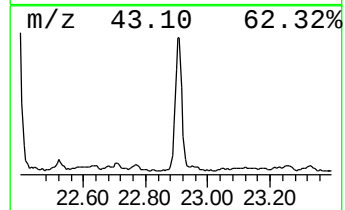
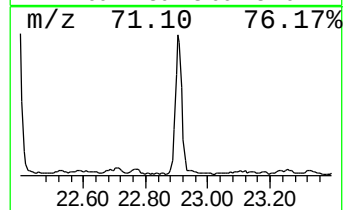
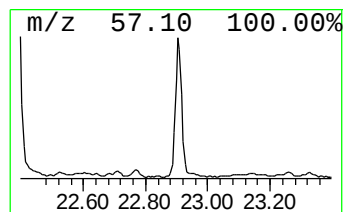
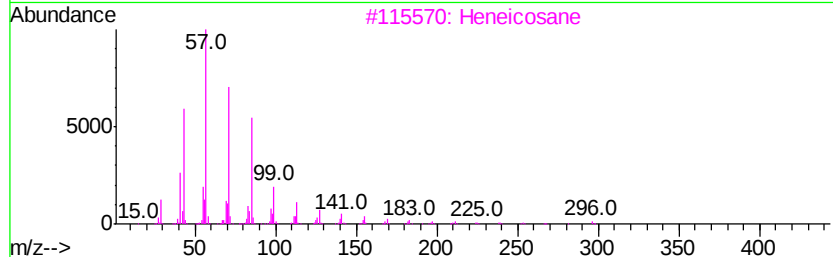
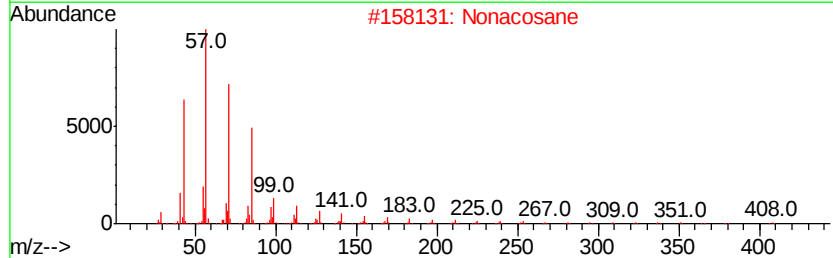
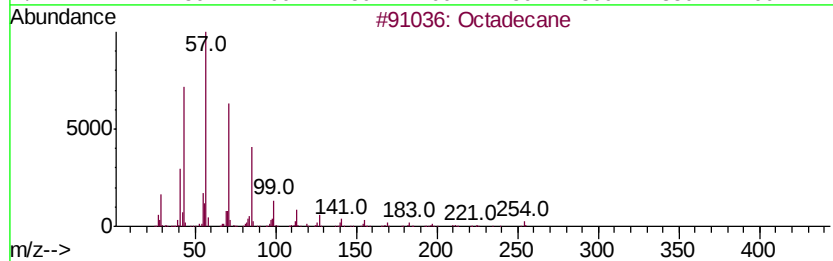
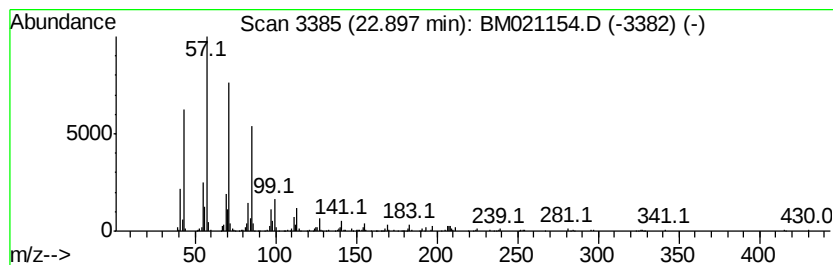
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	3.69 ng/ul	721367	Perylene-d12	23.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	96
2			Nonacosane	408	C29H60	000630-03-5	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021154.D
Acq On : 25 Jun 2019 10:48
Operator : HP/JU
Sample : K3289-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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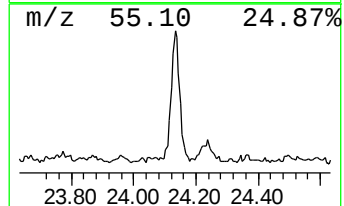
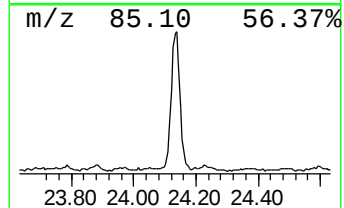
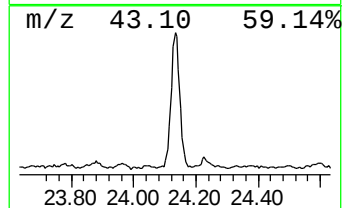
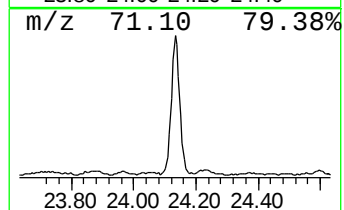
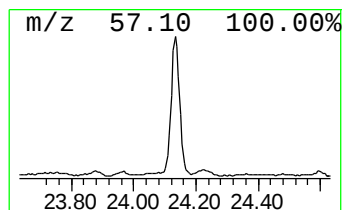
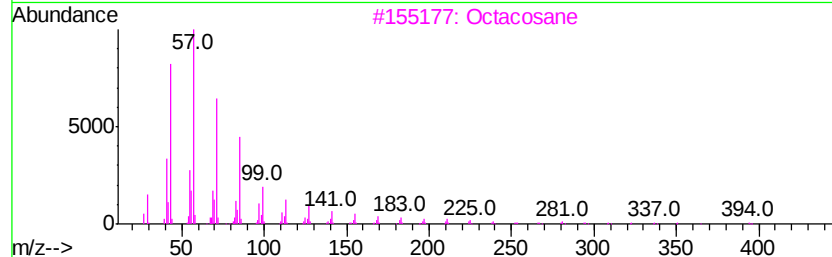
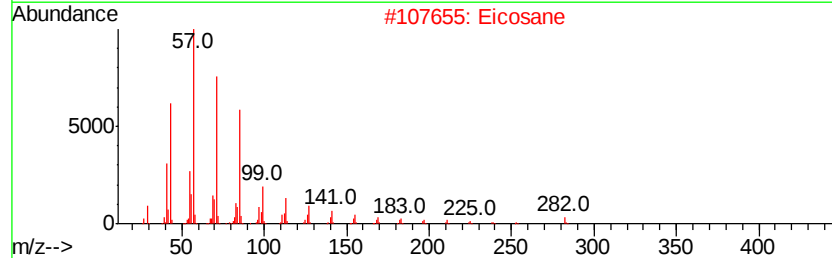
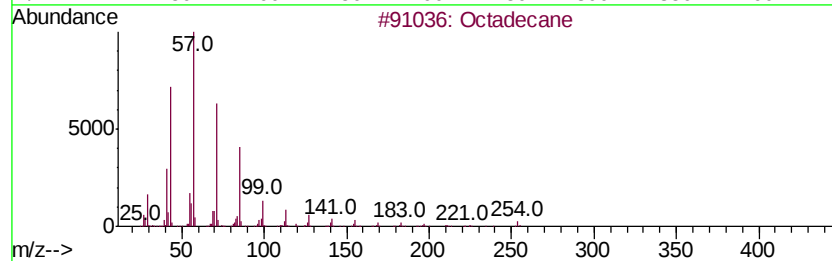
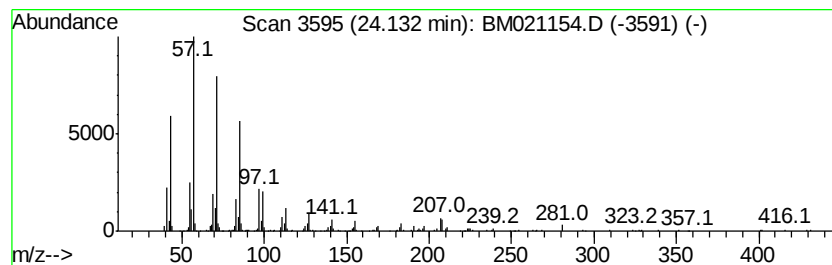
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Quant Title : SVOA CALIBRATION

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.
24.13	3.28 ng/ul	642296	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Eicosane	282	C20H42	000112-95-8	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021154.D
Acq On : 25 Jun 2019 10:48
Operator : HP/JU
Sample : K3289-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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
Butane, 2-methoxy...	3.02	10.8	ng/ul	694229	1	7.77	1284880	20.0
(DEL) Alkane: Cyc...	21.05	3.1	ng/ul	708073	5	21.34	4599280	20.0
(DEL) Alkane: Str...	21.49	2.6	ng/ul	605188	5	21.34	4599280	20.0
(DEL) Alkane: Str...	21.92	2.9	ng/ul	667186	5	21.34	4599280	20.0
(DEL) Alkane: Str...	22.39	4.8	ng/ul	1102640	5	21.34	4599280	20.0
Squalene	22.52	4.6	ng/ul	904654	6	23.61	3912460	20.0
(DEL) Alkane: Str...	22.90	3.7	ng/ul	721367	6	23.61	3912460	20.0
(DEL) Alkane: Str...	24.13	3.3	ng/ul	642296	6	23.61	3912460	20.0