

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020771.D
 Acq On : 06 Jun 2019 19:46
 Operator : HP/JU
 Sample : K3016-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51C1

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-BM060619MA.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	3.052	6	11	27	rVB	9395045	13355292	100.00%	19.659%
2	3.310	52	55	62	rVB	44100	61654	0.46%	0.091%
3	3.728	123	126	132	rVB	16626	23153	0.17%	0.034%
4	3.822	138	142	151	rVB	95418	127136	0.95%	0.187%
5	3.899	151	155	157	rBV2	11950	15192	0.11%	0.022%
6	3.940	157	162	167	rVB	71544	103552	0.78%	0.152%
7	4.034	176	178	182	rVB	14895	18737	0.14%	0.028%
8	4.404	238	241	245	rVB6	10130	14111	0.11%	0.021%
9	4.587	268	272	278	rVB3	24816	37505	0.28%	0.055%
10	4.934	327	331	341	rVV	67885	105158	0.79%	0.155%
11	5.040	345	349	356	rVB4	15234	25670	0.19%	0.038%
12	6.681	623	628	633	rBV4	9444	14601	0.11%	0.021%
13	6.975	665	678	689	rBV	715045	1262755	9.46%	1.859%
14	7.151	701	708	716	rBV	590544	923830	6.92%	1.360%
15	7.345	734	741	749	rBV	759318	1197195	8.96%	1.762%
16	7.816	814	821	827	rBV	912197	1451594	10.87%	2.137%
17	8.510	933	939	947	rBV	751625	1176169	8.81%	1.731%
18	8.639	955	961	966	rVV	16820	26945	0.20%	0.040%
19	8.975	1011	1018	1025	rBV	680979	1129908	8.46%	1.663%
20	9.357	1079	1083	1090	rVB	27250	39939	0.30%	0.059%
21	9.686	1132	1139	1146	rBV	504329	839657	6.29%	1.236%
22	10.222	1221	1230	1243	rBV	870258	1435231	10.75%	2.113%
23	10.604	1286	1295	1304	rBV	1202667	1965771	14.72%	2.894%
24	10.745	1311	1319	1334	rBV	332107	658894	4.93%	0.970%
25	11.398	1423	1430	1434	rBV5	7702	16110	0.12%	0.024%
26	12.186	1560	1564	1571	rVB3	15053	28031	0.21%	0.041%
27	13.586	1795	1802	1806	rBV2	17553	31496	0.24%	0.046%
28	13.857	1841	1848	1853	rBV	1608063	2197574	16.45%	3.235%
29	13.910	1853	1857	1865	rVB	209244	296429	2.22%	0.436%
30	14.139	1890	1896	1907	rVB	1704303	2496870	18.70%	3.675%
31	14.451	1939	1949	1957	rBV2	1673942	2534807	18.98%	3.731%
32	14.639	1974	1981	1996	rBV	556073	834030	6.24%	1.228%
33	14.804	2004	2009	2014	rBV3	33754	52005	0.39%	0.077%
34	14.863	2014	2019	2026	rVB8	27265	57458	0.43%	0.085%

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35	15.439	2111	2117	2124	rBV	2160073	3185127	23.85%	4.688%
36	15.498	2125	2127	2131	rVB4	13547	16509	0.12%	0.024%
37	15.557	2131	2137	2144	rBV	503877	689042	5.16%	1.014%
38	15.680	2154	2158	2166	rVB3	27073	40743	0.31%	0.060%
39	16.157	2231	2239	2246	rBV7	12775	29561	0.22%	0.044%
40	16.227	2246	2251	2256	rVB4	11652	18143	0.14%	0.027%
41	16.498	2288	2297	2302	rBV7	16798	38147	0.29%	0.056%
42	16.592	2309	2313	2319	rVB2	17954	23071	0.17%	0.034%
43	16.733	2333	2337	2340	rBV4	11111	15589	0.12%	0.023%
44	16.851	2353	2357	2363	rVB3	11092	14779	0.11%	0.022%
45	16.910	2363	2367	2372	rBV4	31379	39006	0.29%	0.057%
46	17.010	2381	2384	2388	rVB3	14208	22573	0.17%	0.033%
47	17.192	2409	2415	2420	rBV2	2099854	3040914	22.77%	4.476%
48	17.233	2420	2422	2426	rVV	184423	236041	1.77%	0.347%
49	17.292	2426	2432	2441	rVV	2241761	3129143	23.43%	4.606%
50	17.362	2441	2444	2451	rVB8	16132	29981	0.22%	0.044%
51	17.692	2496	2500	2502	rBV3	10661	14834	0.11%	0.022%
52	17.774	2509	2514	2518	rVB3	16983	24630	0.18%	0.036%
53	17.957	2541	2545	2553	rBV7	21343	42142	0.32%	0.062%
54	18.021	2553	2556	2559	rBV4	14909	22758	0.17%	0.033%
55	18.086	2560	2567	2571	rBV	527781	815589	6.11%	1.201%
56	18.256	2592	2596	2600	rBV2	54647	97208	0.73%	0.143%
57	18.298	2600	2603	2607	rVB	52008	66583	0.50%	0.098%
58	18.380	2613	2617	2620	rBV6	15861	22629	0.17%	0.033%
59	18.568	2644	2649	2652	rBV5	38996	55016	0.41%	0.081%
60	18.609	2652	2656	2663	rVB5	31963	60859	0.46%	0.090%
61	18.986	2715	2720	2724	rBV2	90965	149360	1.12%	0.220%
62	19.074	2733	2735	2739	rVB	24632	26418	0.20%	0.039%
63	19.127	2740	2744	2750	rBV6	33070	67193	0.50%	0.099%
64	19.215	2755	2759	2761	rBV3	64108	83698	0.63%	0.123%
65	19.245	2761	2764	2771	rVB	316344	456997	3.42%	0.673%
66	19.362	2779	2784	2789	rBV	246143	347978	2.61%	0.512%
67	19.586	2816	2822	2834	rVB	2715973	4129538	30.92%	6.079%
68	19.686	2837	2839	2842	rVB2	29081	31027	0.23%	0.046%
69	19.845	2863	2866	2873	rVB8	18293	32179	0.24%	0.047%
70	19.927	2877	2880	2888	rBV6	33486	85081	0.64%	0.125%
71	20.103	2906	2910	2912	rBV3	33186	51819	0.39%	0.076%

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72	20.262	2934	2937	2941	rVB	51964	66699	0.50%	0.098%
73	20.403	2958	2961	2964	rBV	31732	36137	0.27%	0.053%
74	20.450	2966	2969	2972	rVB2	40373	48543	0.36%	0.071%
75	20.621	2995	2998	3001	rVB2	44562	51880	0.39%	0.076%
76	21.080	3072	3076	3084	rBV	531080	769876	5.76%	1.133%
77	21.368	3119	3125	3130	rBV	2705387	3639296	27.25%	5.357%
78	21.521	3148	3151	3156	rBV2	165506	196930	1.47%	0.290%
79	21.962	3223	3226	3228	rBV	284308	363360	2.72%	0.535%
80	22.433	3302	3306	3314	rBV	378949	547780	4.10%	0.806%
81	22.568	3325	3329	3338	rVB	348829	500639	3.75%	0.737%
82	22.956	3390	3395	3400	rBV2	562078	927763	6.95%	1.366%
83	23.509	3482	3489	3503	rVB2	1805624	4334232	32.45%	6.380%
84	23.650	3507	3513	3522	rVB2	1755488	3357775	25.14%	4.943%
85	24.197	3601	3606	3615	rVB	407061	796563	5.96%	1.173%
86	24.968	3733	3737	3746	rVB	232379	492348	3.69%	0.725%

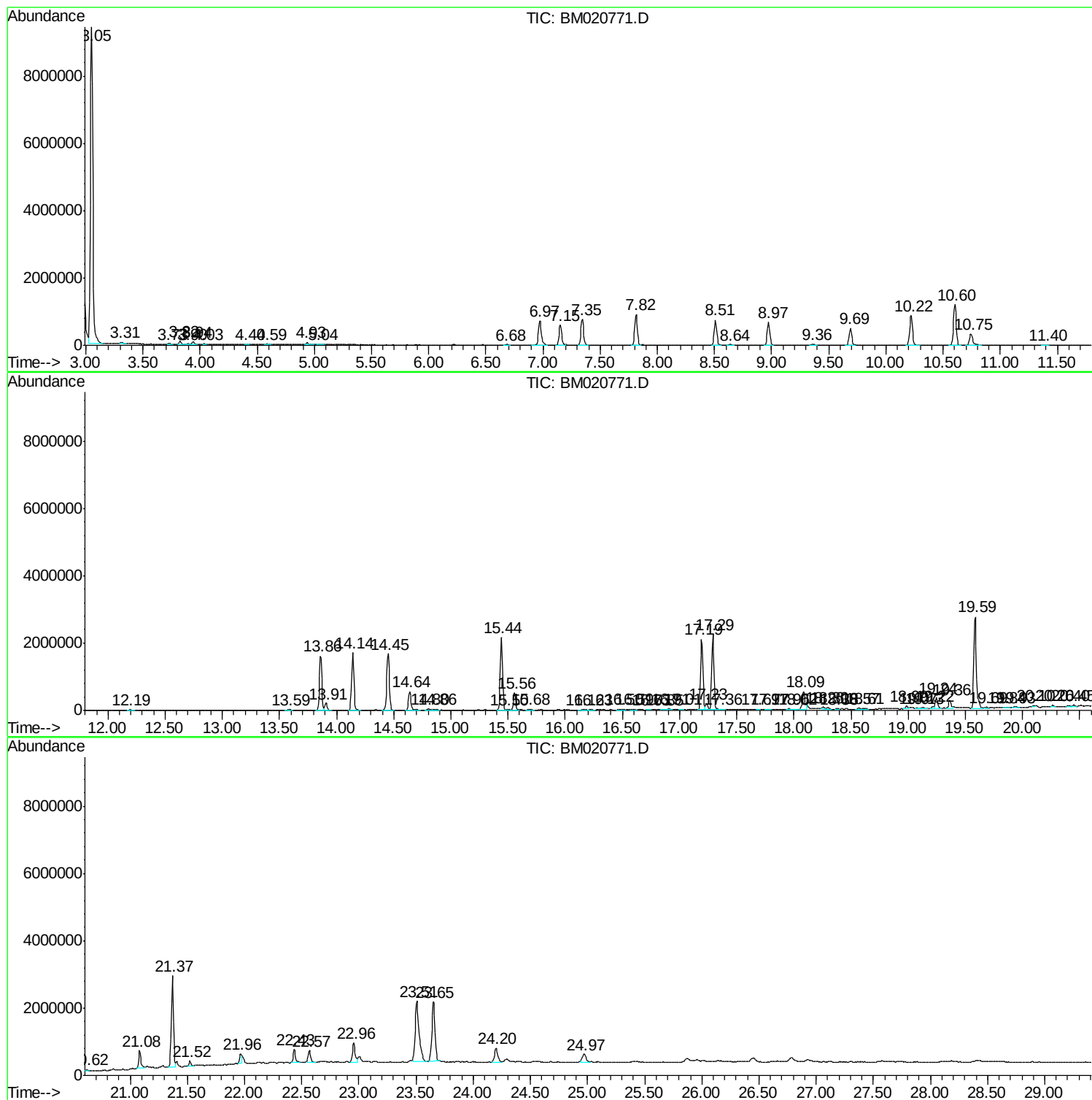
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



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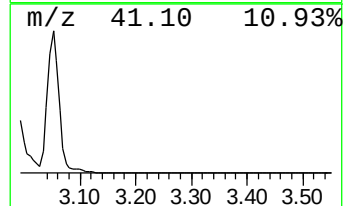
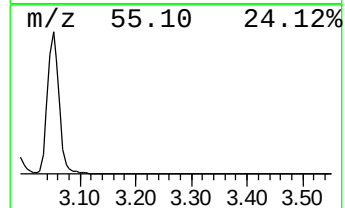
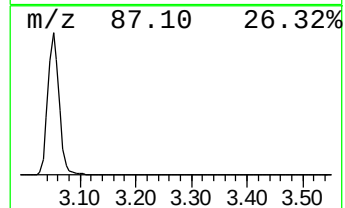
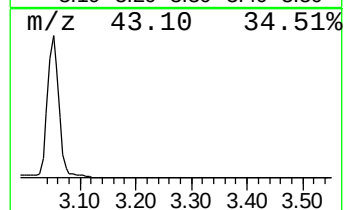
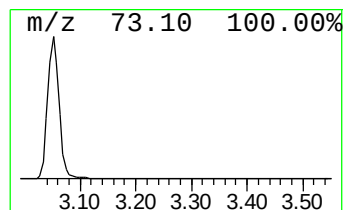
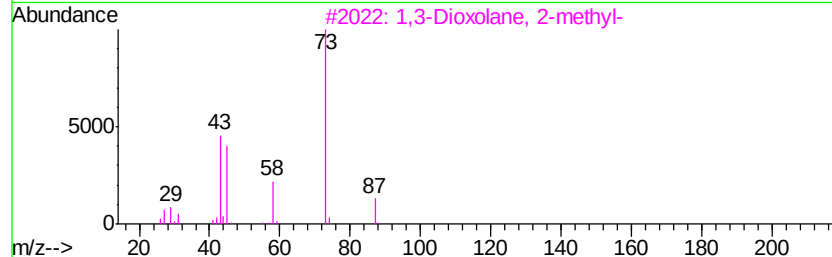
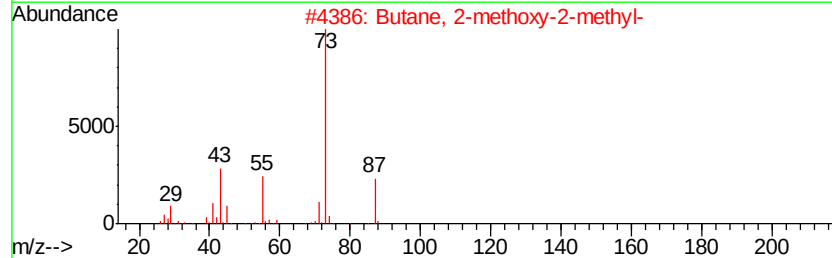
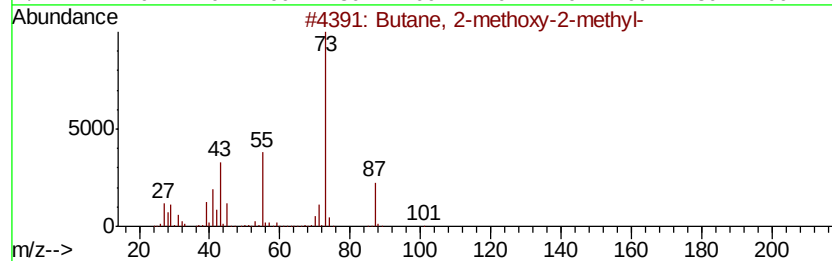
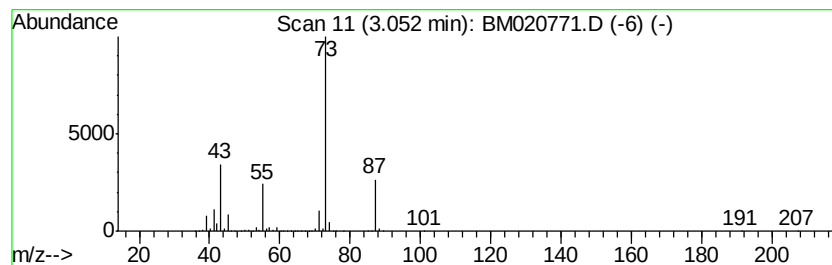
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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.
3.05	184.01 ng/ul	13355300	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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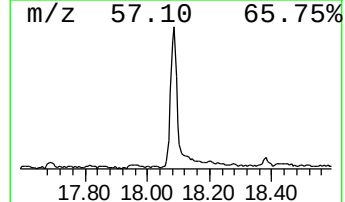
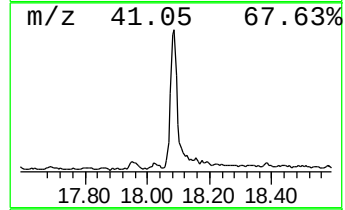
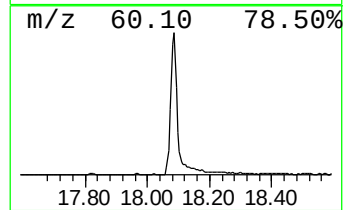
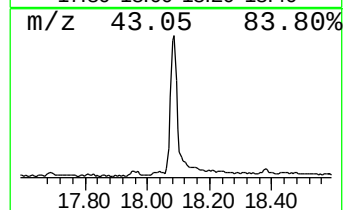
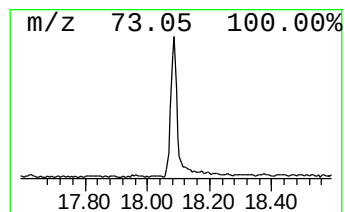
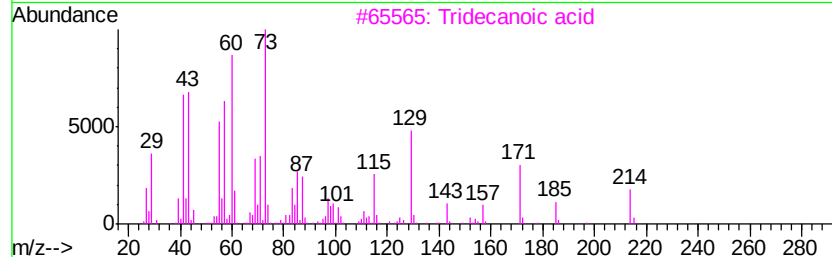
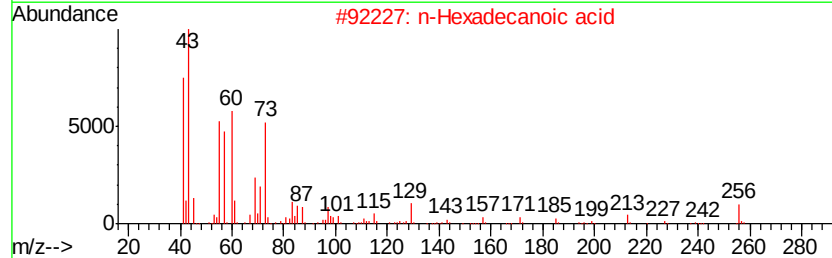
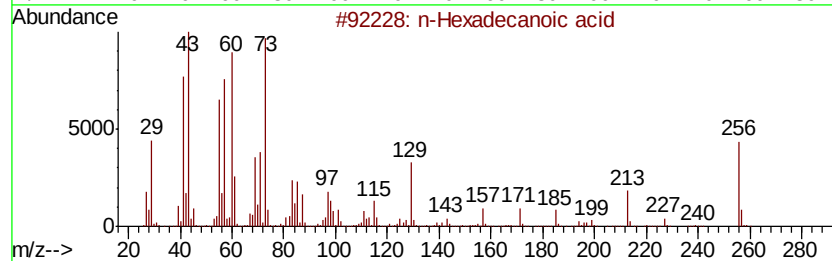
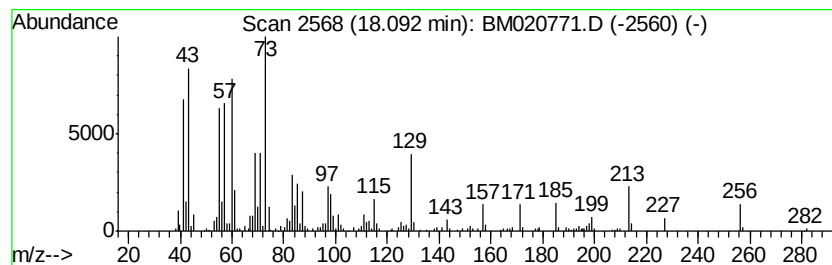
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	5.36 ng/ul	815589	Phenanthrene-d10	17.19		
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	Tridecanoic acid	214	C13H26O2	000638-53-9	92	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86	



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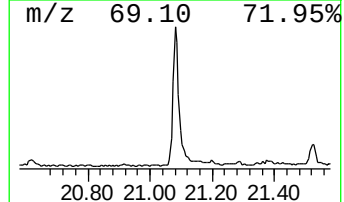
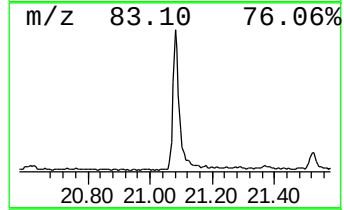
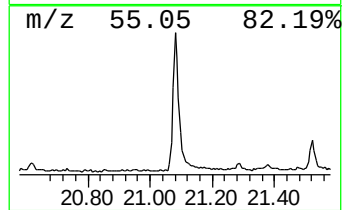
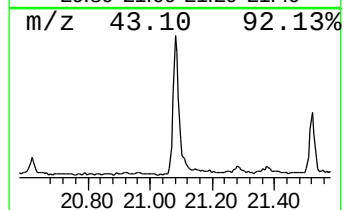
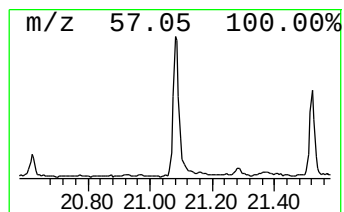
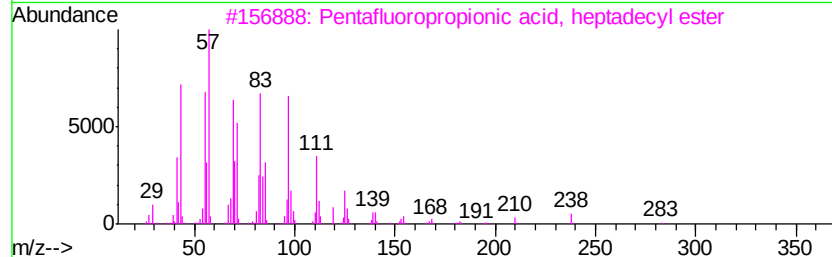
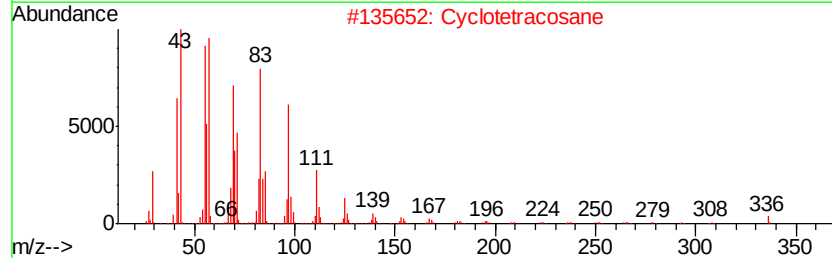
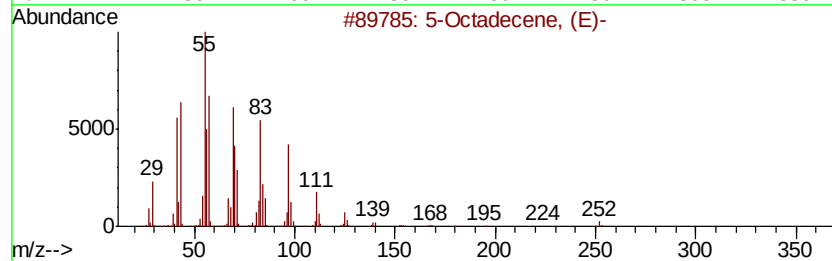
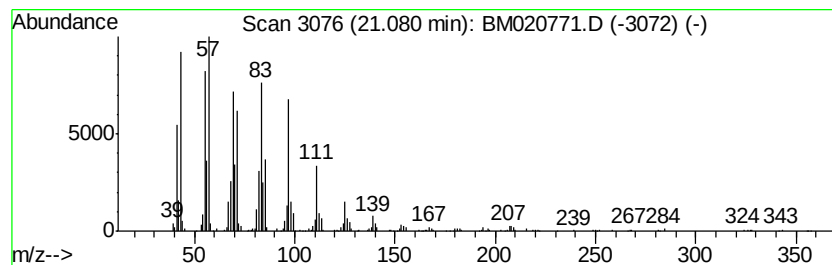
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic21.08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	4.23 ng/ul	769876	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2		Cyclotetracosane	336	C24H48	000297-03-0	91
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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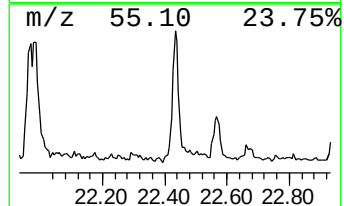
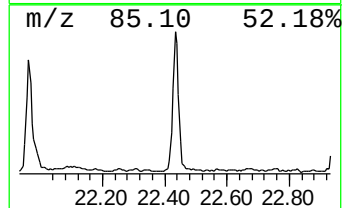
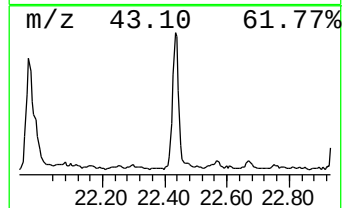
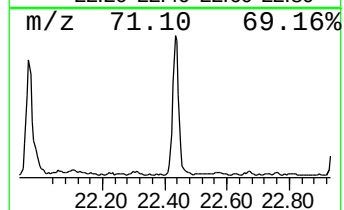
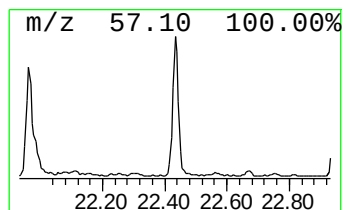
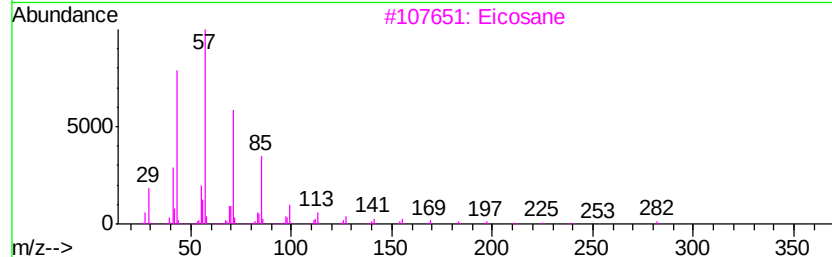
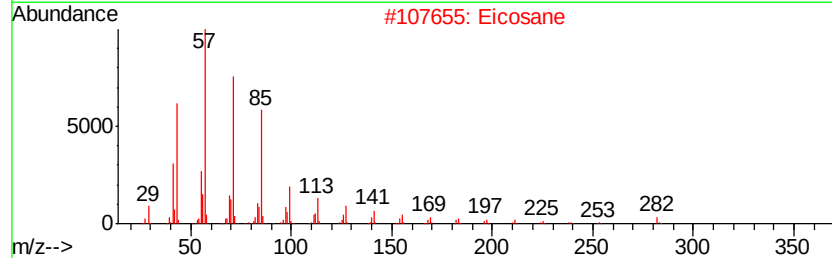
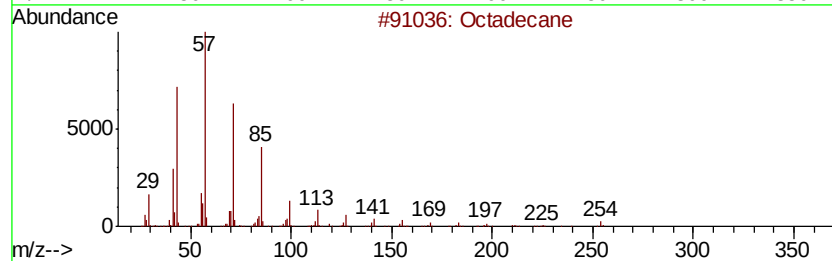
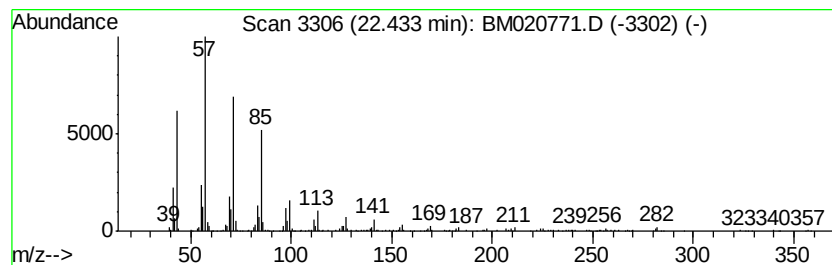
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	3.01 ng/ul	547780	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Eicosane	282	C20H42	000112-95-8	93
3		Eicosane	282	C20H42	000112-95-8	93
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020771.D
Acq On : 06 Jun 2019 19:46
Operator : HP/JU
Sample : K3016-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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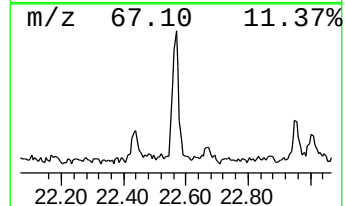
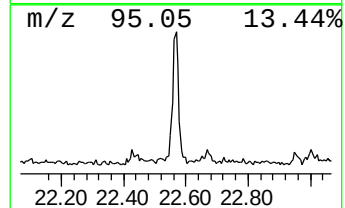
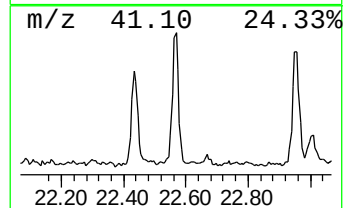
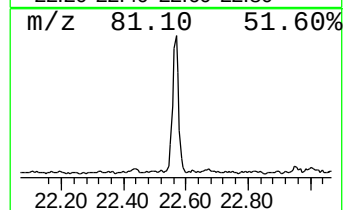
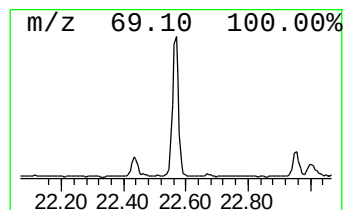
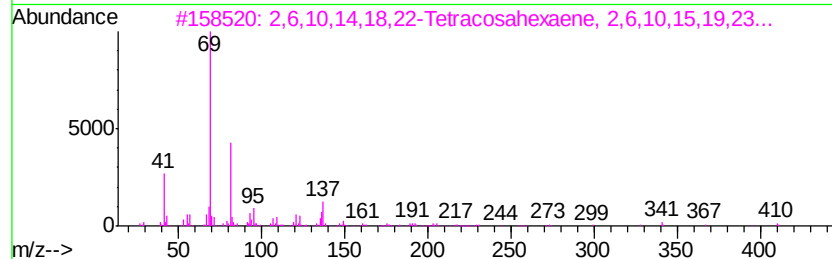
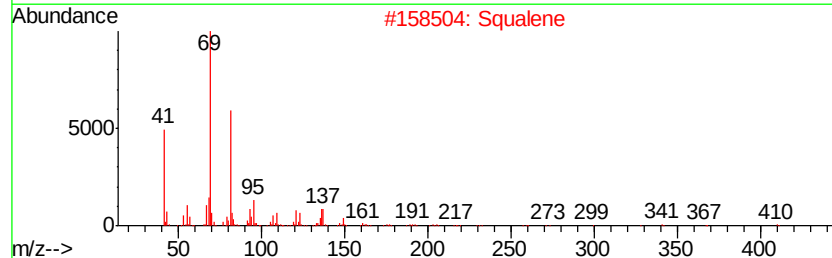
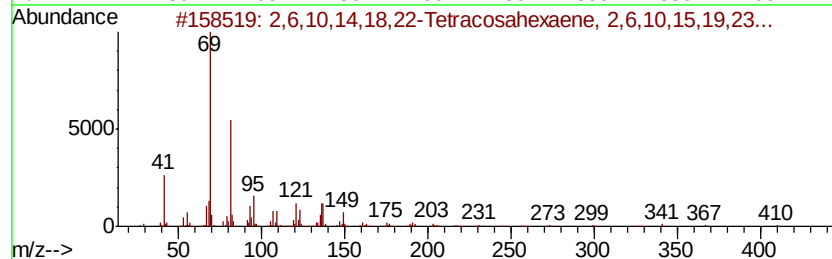
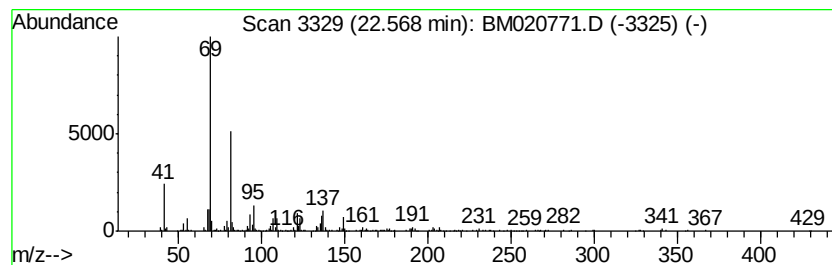
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	2.98 ng/ul	500639	Perylene-d12	23.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91		
2	Squalene	410	C30H50	007683-64-9	91		
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91		
4	Squalene	410	C30H50	007683-64-9	91		
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87		



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020771.D
Acq On : 06 Jun 2019 19:46
Operator : HP/JU
Sample : K3016-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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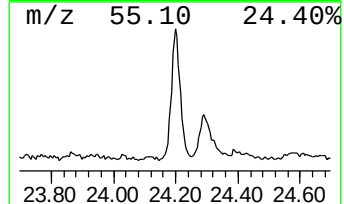
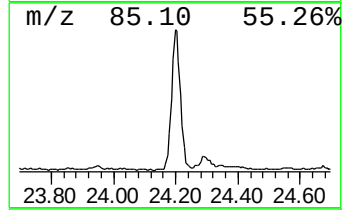
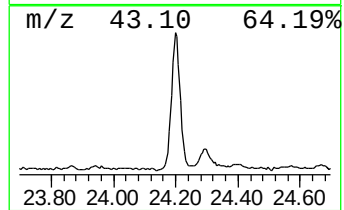
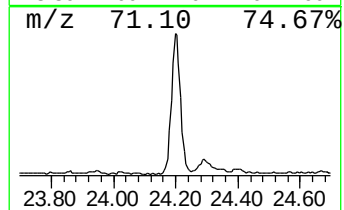
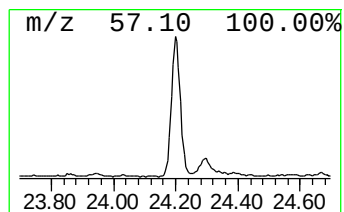
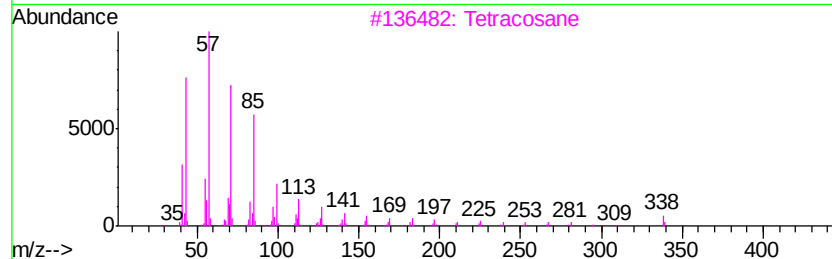
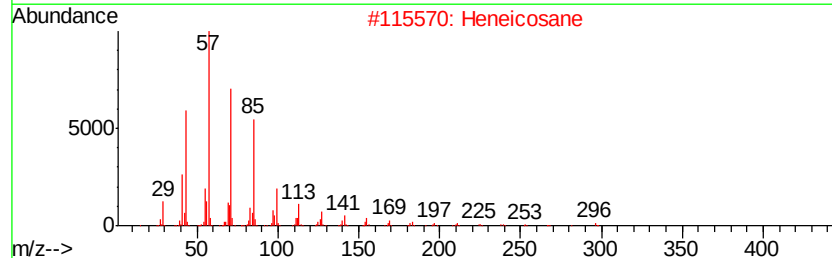
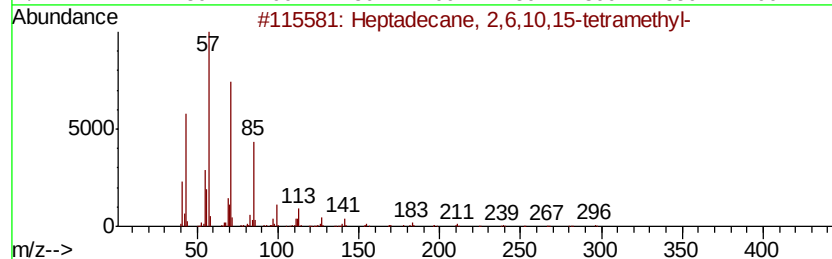
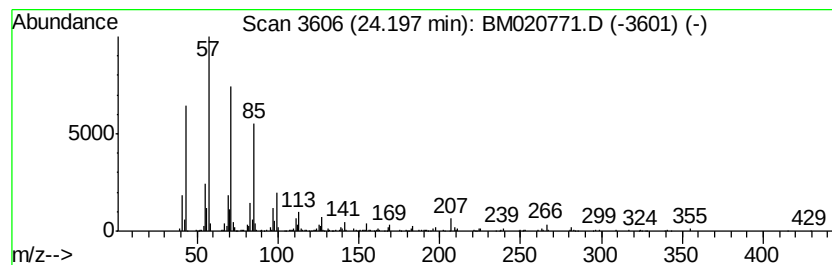
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	4.74 ng/ul	796563	Perylene-d12	23.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020771.D
Acq On : 06 Jun 2019 19:46
Operator : HP/JU
Sample : K3016-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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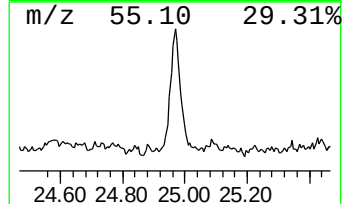
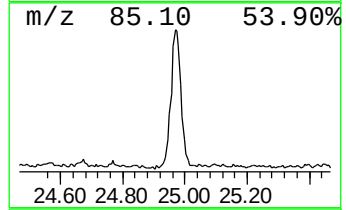
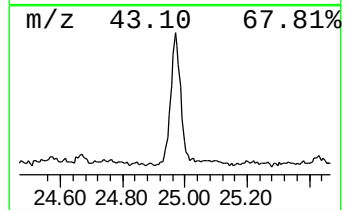
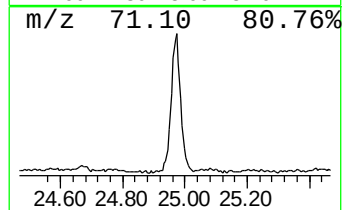
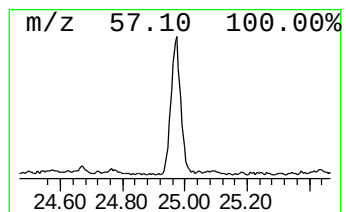
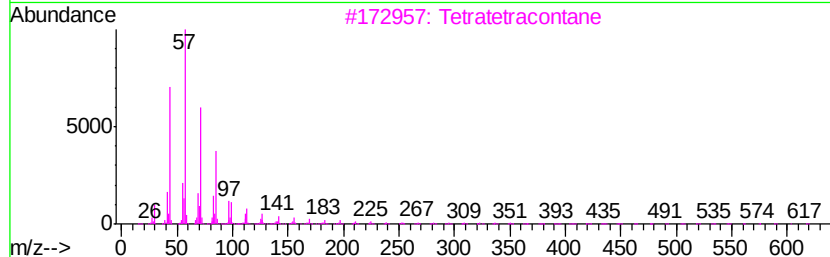
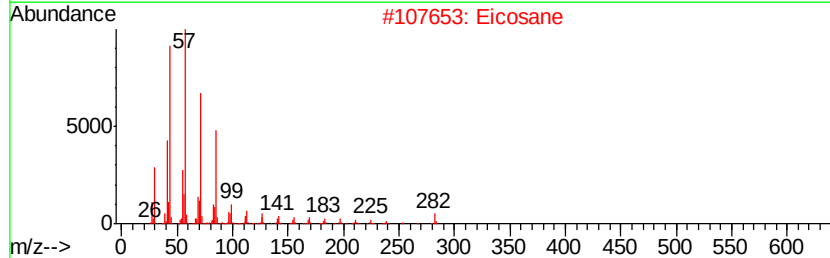
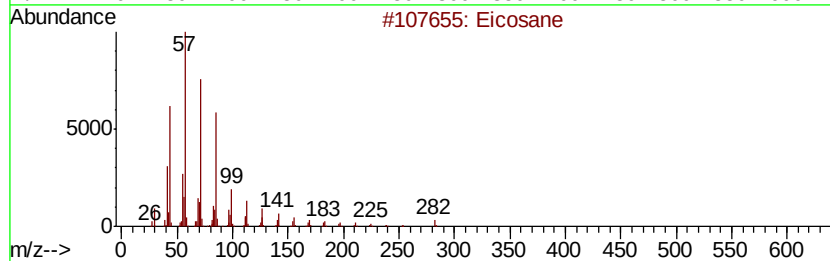
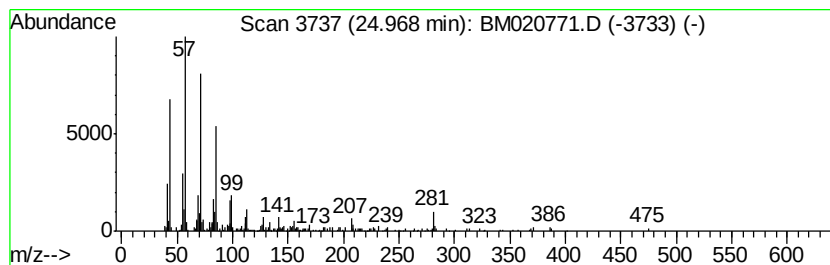
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	2.93 ng/ul	492348	Perylene-d12	23.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Triacontane	422	C30H62	000638-68-6	87
5		Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060619\
Data File : BM020771.D
Acq On : 06 Jun 2019 19:46
Operator : HP/JU
Sample : K3016-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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...	3.05	184.0	ng/ul	13355300	1	7.82	1451590	20.0
n-Hexadecanoic acid	18.09	5.4	ng/ul	815589	4	17.19	3040910	20.0
(DEL) Alkane: Cyc...	21.08	4.2	ng/ul	769876	5	21.37	3639300	20.0
(DEL) Alkane: Str...	22.43	3.0	ng/ul	547780	5	21.37	3639300	20.0
2,6,10,14,18,22-T...	22.57	3.0	ng/ul	500639	6	23.65	3357780	20.0
(DEL) Alkane: Str...	24.20	4.7	ng/ul	796563	6	23.65	3357780	20.0
(DEL) Alkane: Str...	24.97	2.9	ng/ul	492348	6	23.65	3357780	20.0