

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
 Data File : BM020821.D
 Acq On : 08 Jun 2019 16:49
 Operator : HP/JU
 Sample : K3006-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFH78

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	3.046	5	10	29	rVB	9022207	11276138	100.00%	15.438%
2	3.310	51	55	66	rVB2	54961	83339	0.74%	0.114%
3	3.934	157	161	170	rVB	68701	98491	0.87%	0.135%
4	4.034	174	178	182	rVB3	18256	26013	0.23%	0.036%
5	4.934	326	331	339	rVB	64887	92565	0.82%	0.127%
6	5.910	493	497	505	rBV2	13993	27628	0.25%	0.038%
7	6.969	671	677	691	rVB	795844	1282647	11.37%	1.756%
8	7.145	701	707	722	rVB	631110	1008227	8.94%	1.380%
9	7.340	733	740	749	rBV	852213	1314785	11.66%	1.800%
10	7.810	813	820	827	rBV	1057320	1681354	14.91%	2.302%
11	7.869	827	830	835	rVB3	12819	18644	0.17%	0.026%
12	8.510	931	939	945	rBV	975581	1572810	13.95%	2.153%
13	8.563	945	948	954	rVV3	34270	59417	0.53%	0.081%
14	8.634	954	960	966	rVB	22953	35046	0.31%	0.048%
15	8.969	1010	1017	1026	rBV	764545	1261270	11.19%	1.727%
16	9.128	1038	1044	1050	rVB6	6714	12660	0.11%	0.017%
17	9.351	1077	1082	1087	rBV2	17444	25778	0.23%	0.035%
18	9.687	1132	1139	1149	rBV	590944	962355	8.53%	1.318%
19	10.216	1222	1229	1241	rBV	998330	1641462	14.56%	2.247%
20	10.598	1286	1294	1302	rBV	1408786	2364845	20.97%	3.238%
21	10.739	1308	1318	1328	rBV	928086	1568077	13.91%	2.147%
22	12.186	1556	1564	1569	rBV2	16085	27384	0.24%	0.037%
23	13.051	1707	1711	1718	rBV6	6927	13591	0.12%	0.019%
24	13.857	1842	1848	1852	rBV	1895929	2639844	23.41%	3.614%
25	13.904	1852	1856	1866	rVB	864847	1184725	10.51%	1.622%
26	14.139	1889	1896	1906	rVB	1955941	2853146	25.30%	3.906%
27	14.451	1939	1949	1957	rBV2	2010957	3136502	27.82%	4.294%
28	14.639	1974	1981	1993	rBV	563003	904025	8.02%	1.238%
29	14.857	2013	2018	2030	rVB6	33202	68423	0.61%	0.094%
30	15.245	2077	2084	2088	rBV2	13874	23190	0.21%	0.032%
31	15.292	2088	2092	2096	rVB5	8726	12684	0.11%	0.017%
32	15.439	2111	2117	2127	rBV	2659908	3732308	33.10%	5.110%
33	15.557	2132	2137	2146	rBV	347918	507778	4.50%	0.695%
34	15.680	2153	2158	2166	rBV2	33642	48001	0.43%	0.066%

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35	16.221	2246	2250	2254	rVB5	11829	17229	0.15%	0.024%
36	16.974	2377	2378	2384	rVB2	9390	12827	0.11%	0.018%
37	17.192	2409	2415	2423	rBV2	2617887	3658035	32.44%	5.008%
38	17.292	2425	2432	2441	rVV	2949926	4015745	35.61%	5.498%
39	17.368	2443	2445	2450	rVV6	11242	17192	0.15%	0.024%
40	17.439	2454	2457	2468	rVB8	12427	27785	0.25%	0.038%
41	17.604	2483	2485	2490	rVB3	10473	13026	0.12%	0.018%
42	17.957	2541	2545	2551	rBV9	10718	20168	0.18%	0.028%
43	18.080	2561	2566	2576	rBV	296028	435622	3.86%	0.596%
44	18.374	2611	2616	2619	rBV6	11901	20219	0.18%	0.028%
45	18.427	2620	2625	2630	rVB5	13467	23600	0.21%	0.032%
46	18.574	2647	2650	2655	rVB6	8498	12840	0.11%	0.018%
47	18.621	2655	2658	2661	rBV5	8009	12289	0.11%	0.017%
48	19.215	2755	2759	2772	rBV	45421	91114	0.81%	0.125%
49	19.362	2779	2784	2794	rBV3	147939	260283	2.31%	0.356%
50	19.474	2799	2803	2807	rVB	27614	40473	0.36%	0.055%
51	19.580	2816	2821	2828	rBV	3242783	4463240	39.58%	6.111%
52	20.486	2973	2975	2978	rBV3	29467	30725	0.27%	0.042%
53	20.621	2995	2998	3001	rVB3	40098	40372	0.36%	0.055%
54	21.080	3072	3076	3081	rBV2	193733	251858	2.23%	0.345%
55	21.368	3120	3125	3131	rBV	3352382	4148114	36.79%	5.679%
56	21.515	3147	3150	3156	rBV	230864	255228	2.26%	0.349%
57	21.962	3222	3226	3231	rBV	416325	486561	4.31%	0.666%
58	22.433	3302	3306	3313	rVB	614525	797449	7.07%	1.092%
59	22.950	3389	3394	3400	rVB	658304	954728	8.47%	1.307%
60	23.509	3482	3489	3501	rBV2	2573047	5583784	49.52%	7.645%
61	23.656	3507	3514	3522	rVB	2224669	4259991	37.78%	5.832%
62	24.191	3600	3605	3612	rVB	440111	802470	7.12%	1.099%
63	24.962	3731	3736	3745	rVB2	324034	721010	6.39%	0.987%

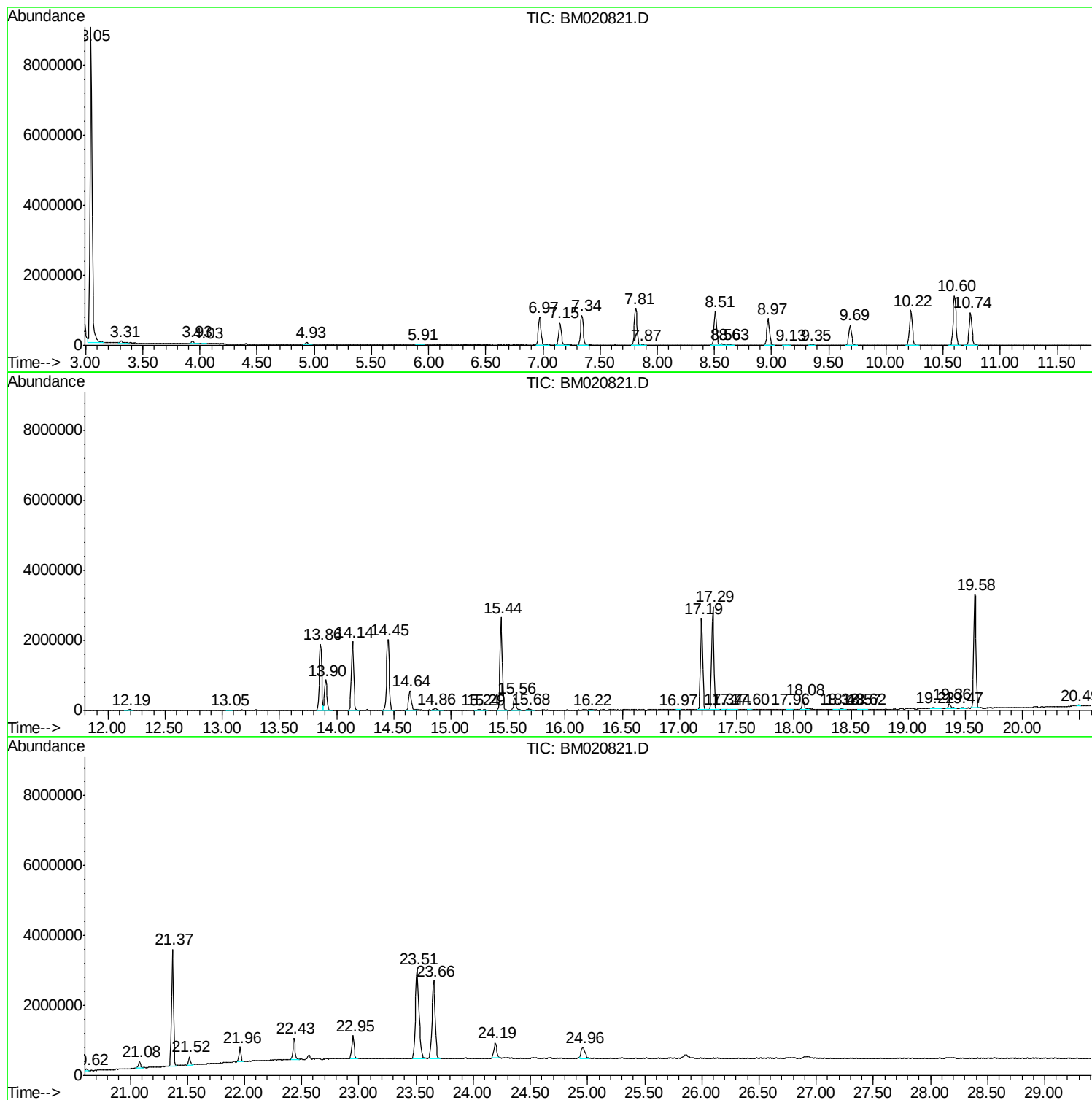
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Quant Title : SVOA CALIBRATION

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



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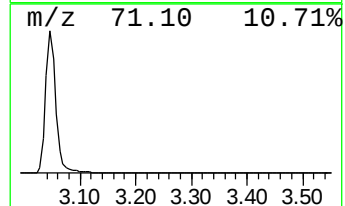
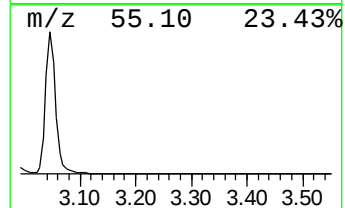
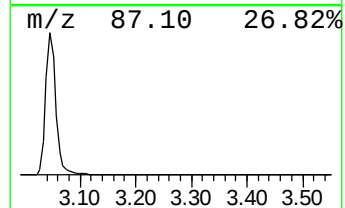
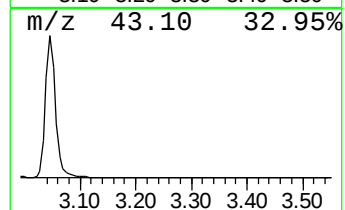
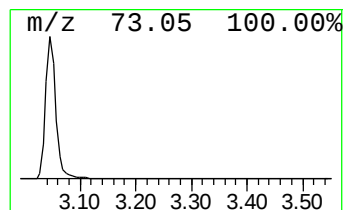
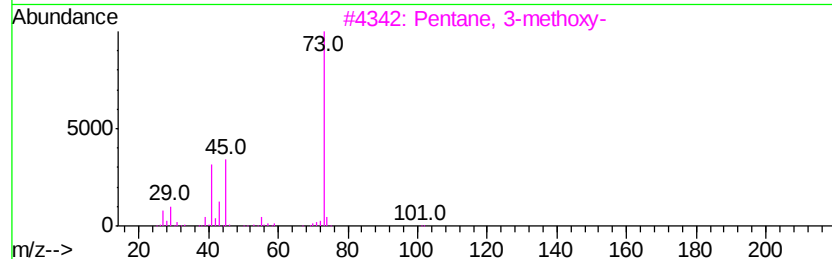
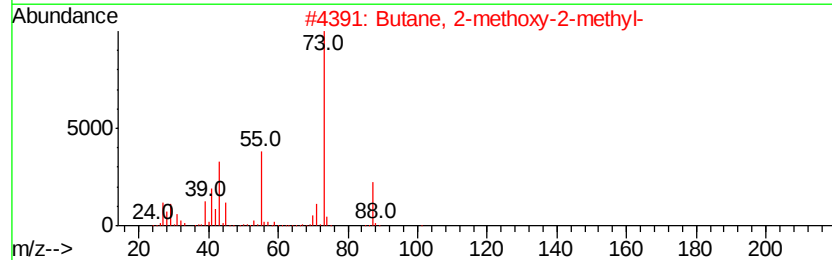
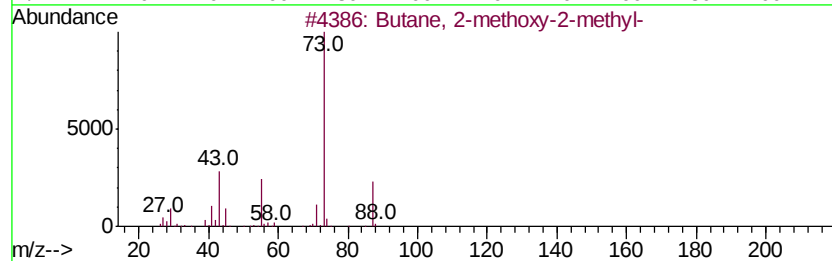
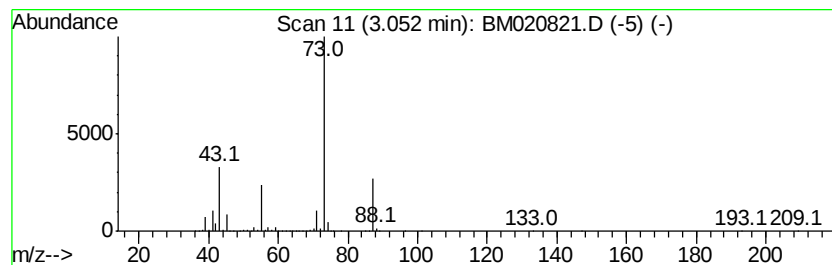
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	134.13 ng/ul	11276100	1,4-Dichlorobenzene-d4	7.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102 C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88 C4H12Si	000075-76-3	17
5	N-Ethylformamide	73 C3H7NO	000627-45-2	9



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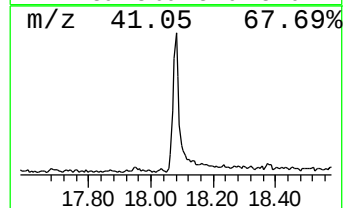
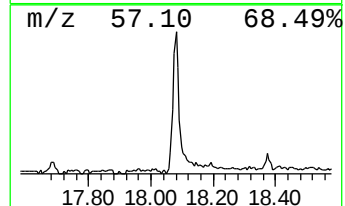
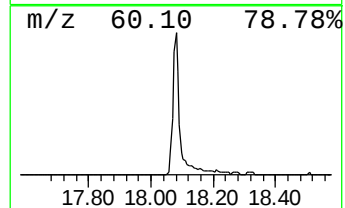
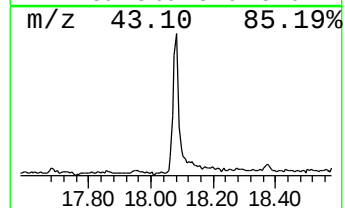
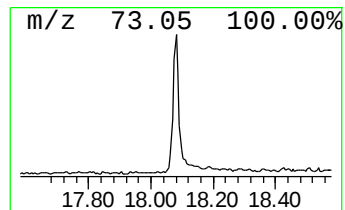
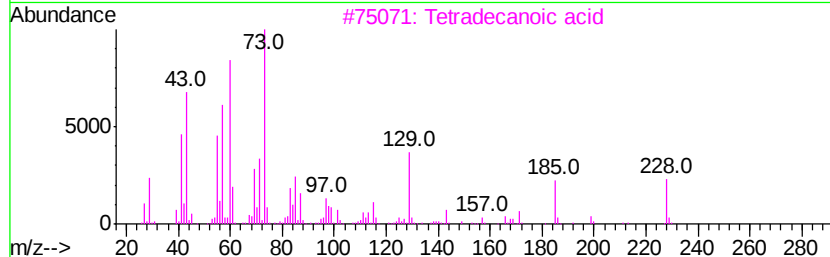
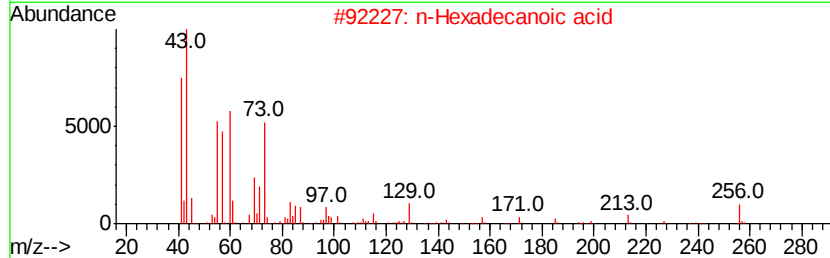
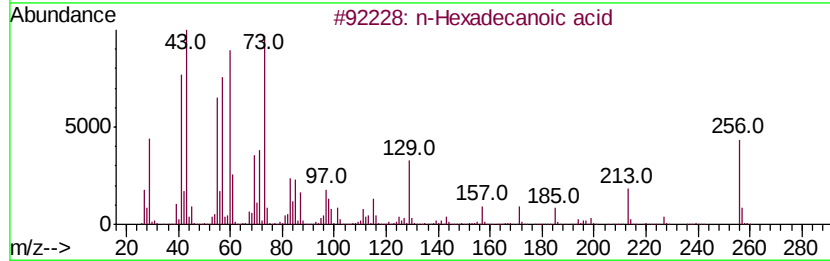
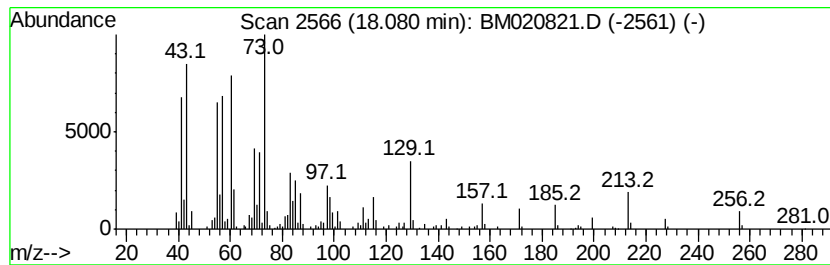
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.08	2.38 ng/ul	435622	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	96	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	



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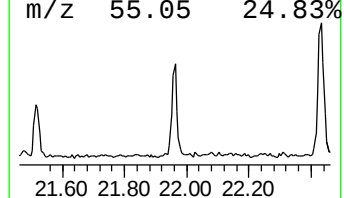
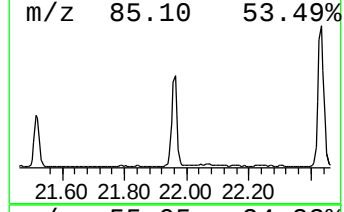
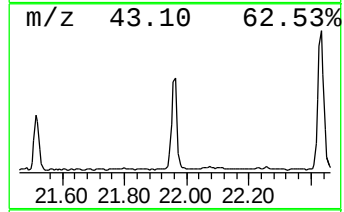
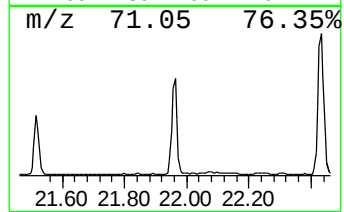
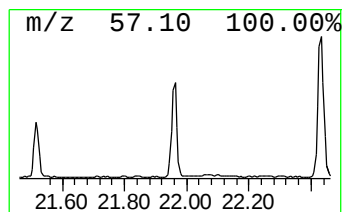
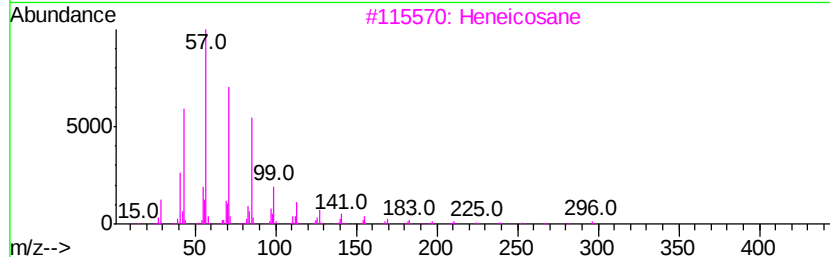
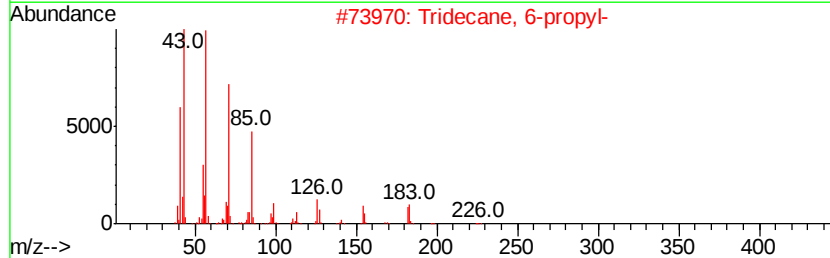
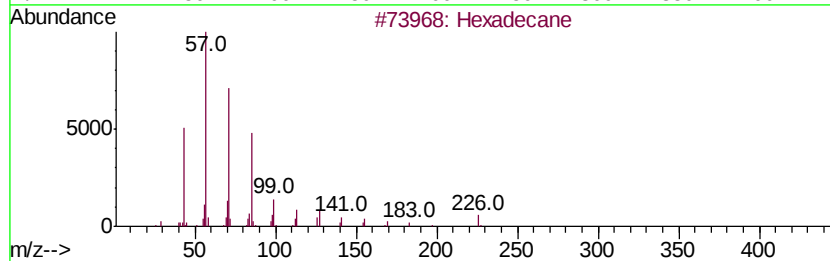
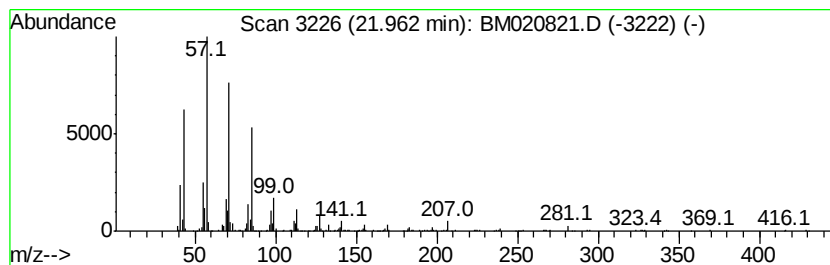
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	2.35 ng/ul	486561	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



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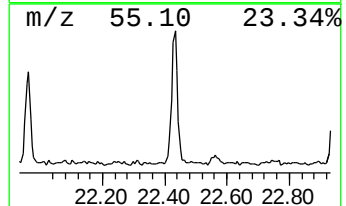
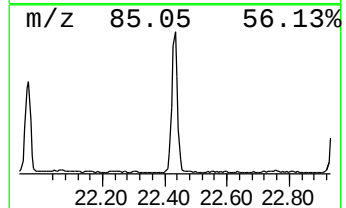
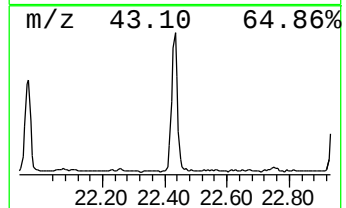
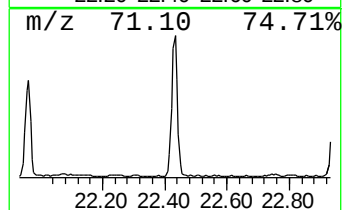
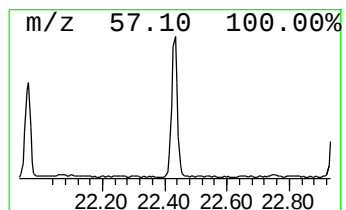
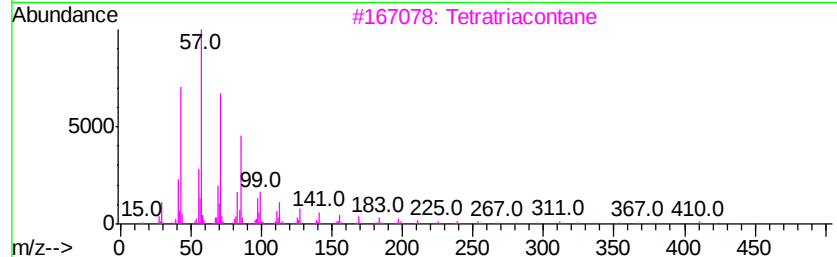
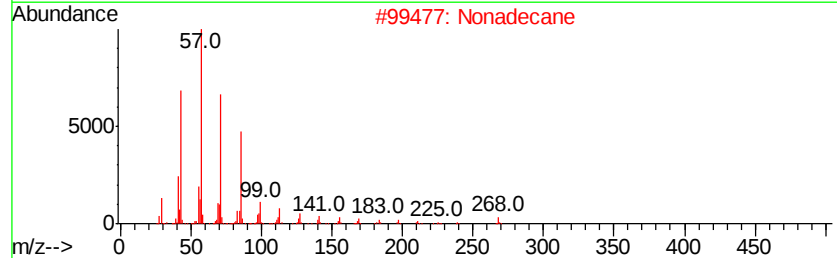
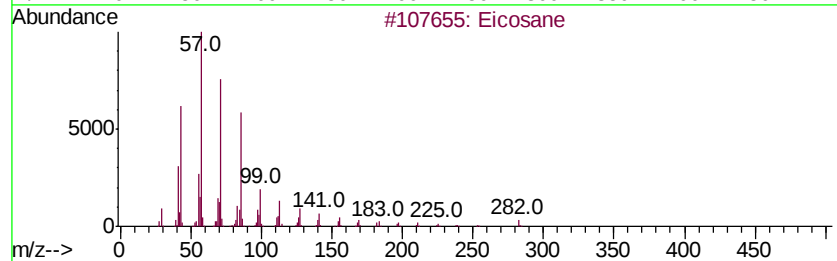
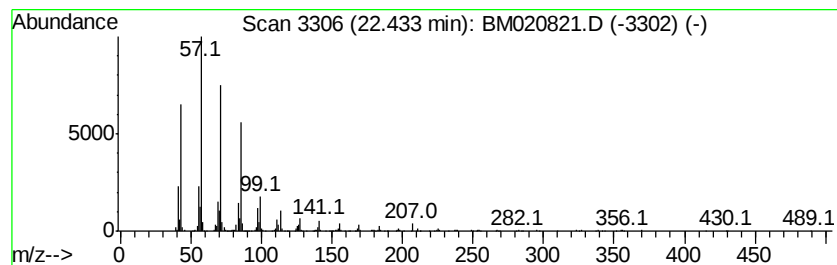
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	3.84 ng/ul	797449	Chrysene-d12	21.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	98
2			Nonadecane	268	C19H40	000629-92-5	94
3			Tetratriacontane	479	C34H70	014167-59-0	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Heptacosane	380	C27H56	000593-49-7	91



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BFH78

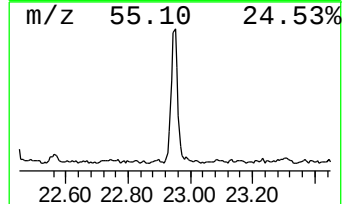
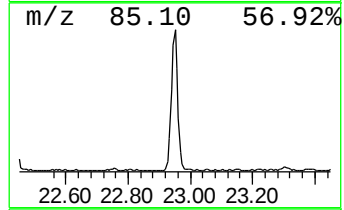
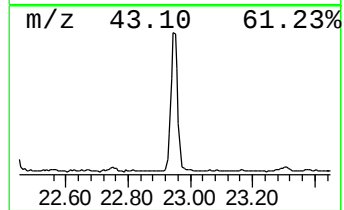
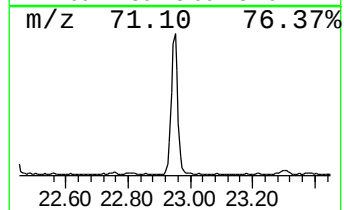
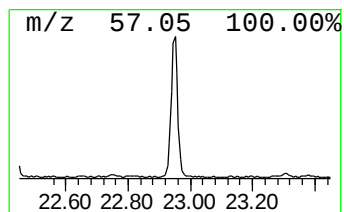
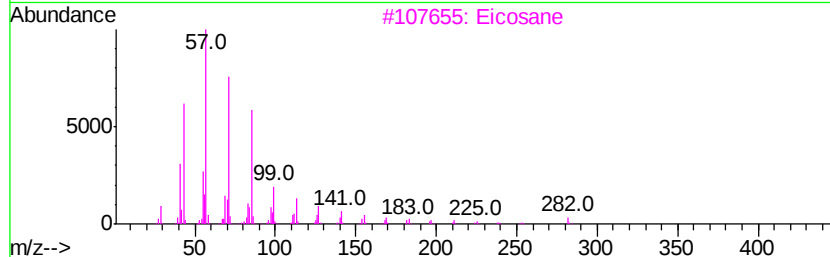
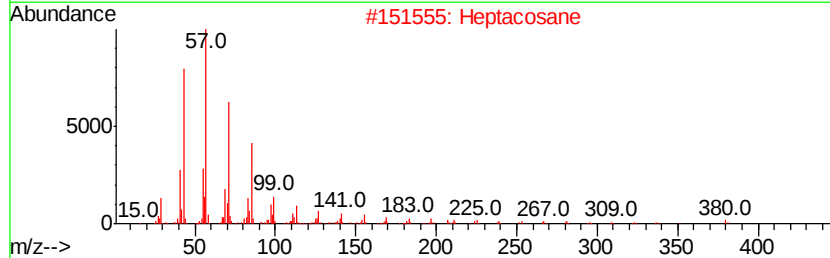
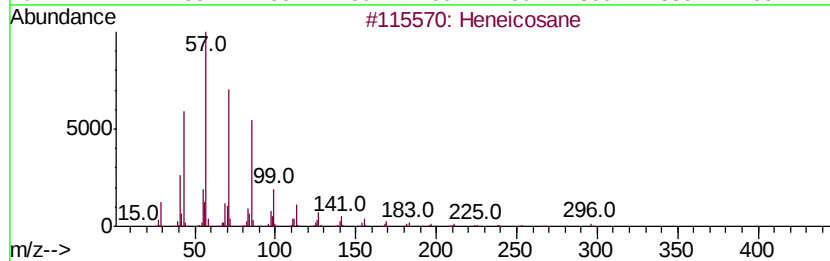
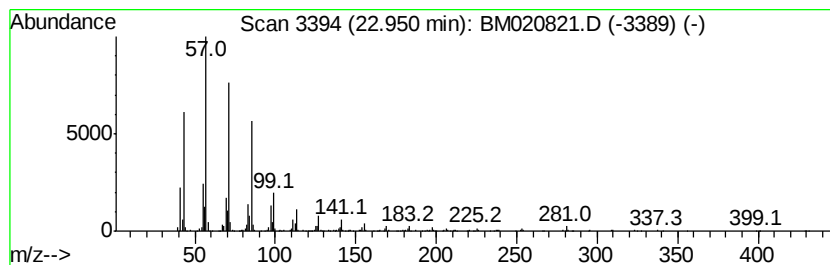
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Quant Title : SVOA CALIBRATION

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.
22.95	4.48 ng/ul	954728	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Nonacosane	408	C29H60	000630-03-5	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020821.D
Acq On : 08 Jun 2019 16:49
Operator : HP/JU
Sample : K3006-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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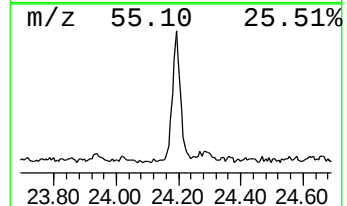
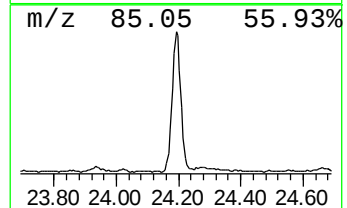
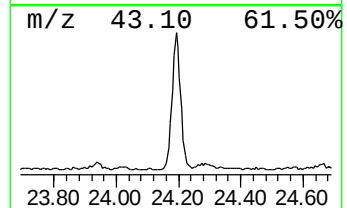
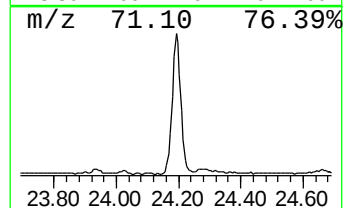
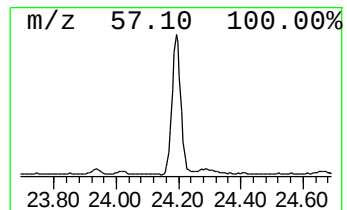
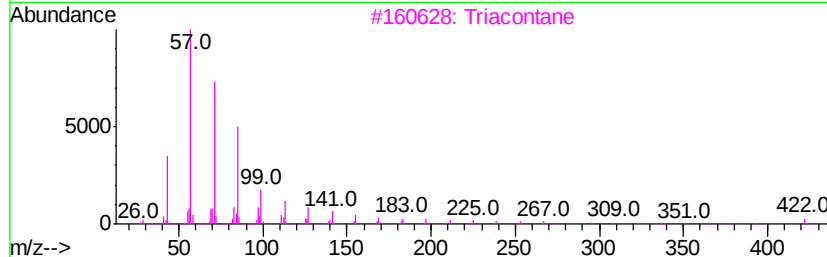
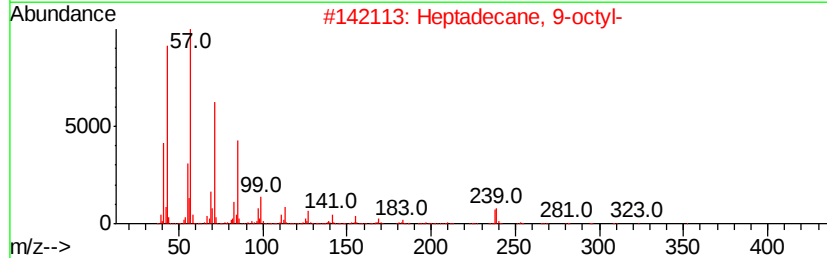
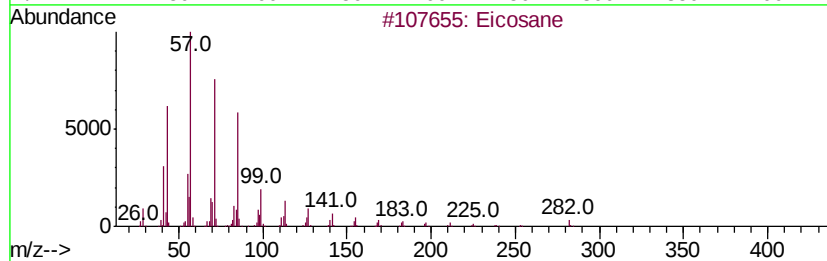
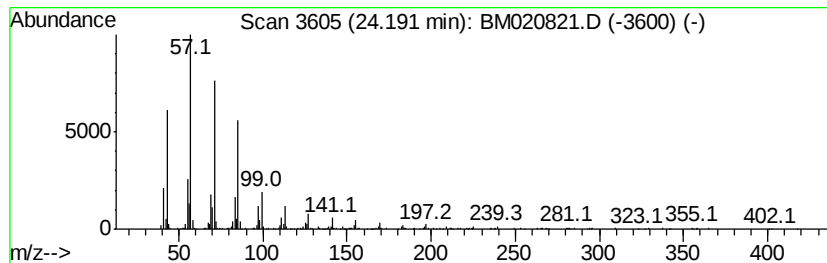
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	3.77 ng/ul	802470	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020821.D
Acq On : 08 Jun 2019 16:49
Operator : HP/JU
Sample : K3006-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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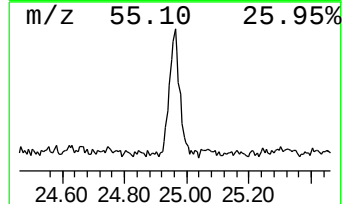
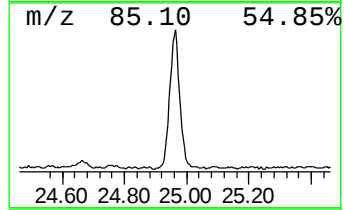
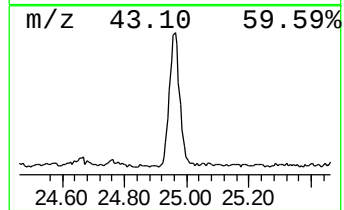
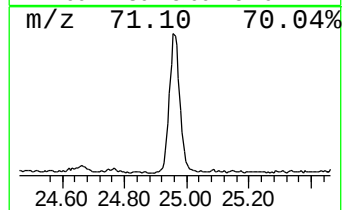
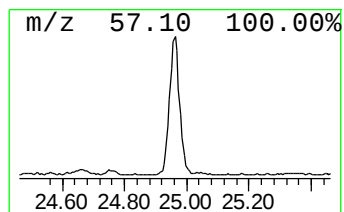
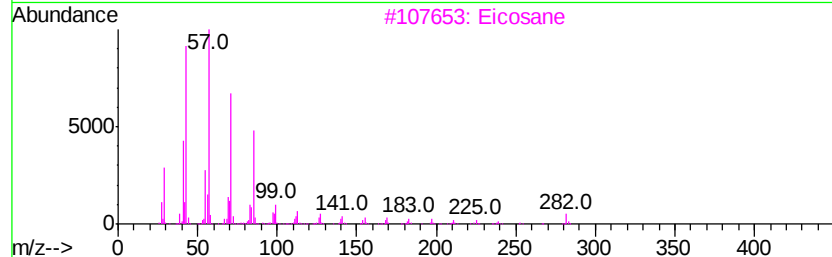
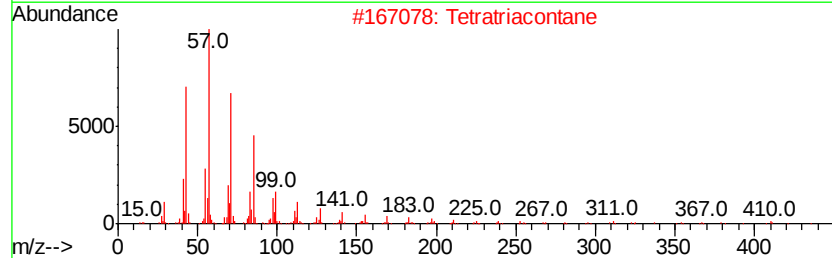
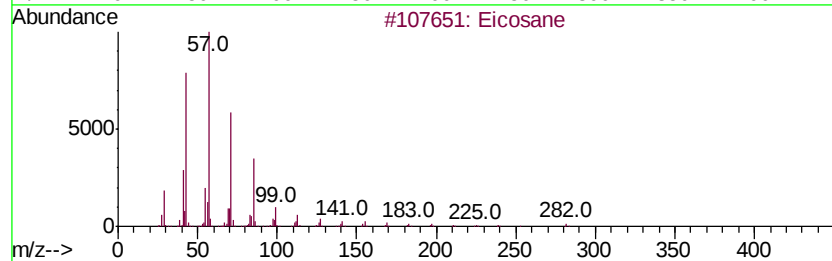
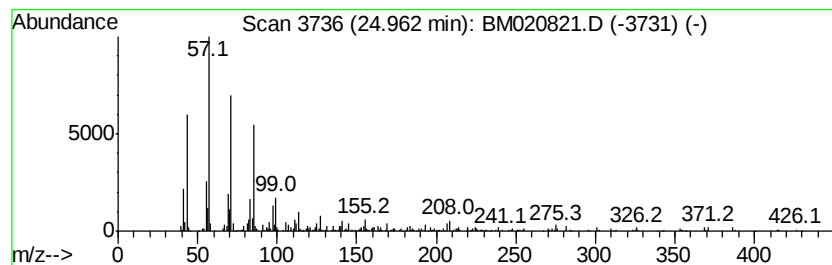
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	3.39 ng/ul	721010	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060819\
Data File : BM020821.D
Acq On : 08 Jun 2019 16:49
Operator : HP/JU
Sample : K3006-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFH78

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	134.1	ng/ul	11276100	1	7.81	1681350	20.0
n-Hexadecanoic acid	18.08	2.4	ng/ul	435622	4	17.19	3658040	20.0
(DEL) Alkane: Str...	21.96	2.4	ng/ul	486561	5	21.37	4148110	20.0
(DEL) Alkane: Str...	22.43	3.8	ng/ul	797449	5	21.37	4148110	20.0
(DEL) Alkane: Str...	22.95	4.5	ng/ul	954728	6	23.66	4259990	20.0
(DEL) Alkane: Str...	24.19	3.8	ng/ul	802470	6	23.66	4259990	20.0
(DEL) Alkane: Str...	24.96	3.4	ng/ul	721010	6	23.66	4259990	20.0