

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014923.D
 Acq On : 02 May 2018 15:19
 Operator : SJ/JU
 Sample : J2631-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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	3.334	4	8	28	rVB	2743842	3794165	40.63%	3.232%
2	3.640	56	60	72	rVB	128081	181609	1.94%	0.155%
3	5.481	366	373	383	rVB	156025	250293	2.68%	0.213%
4	6.505	542	547	554	rBV	66342	108821	1.17%	0.093%
5	7.616	728	736	751	rBV	2071774	3429446	36.72%	2.921%
6	7.799	760	767	779	rBV	1685364	2640580	28.27%	2.249%
7	8.010	796	803	812	rBV	2134581	3450300	36.95%	2.939%
8	8.493	878	885	898	rBV	1526485	2502381	26.79%	2.131%
9	8.622	901	907	914	rBV	193494	294287	3.15%	0.251%
10	9.193	996	1004	1014	rBV	2270455	3712424	39.75%	3.162%
11	9.675	1078	1086	1095	rBV	1995405	3381460	36.21%	2.880%
12	10.404	1202	1210	1228	rBV	1564012	2661910	28.50%	2.267%
13	10.940	1292	1301	1315	rBV	2348744	4028392	43.14%	3.431%
14	11.210	1338	1347	1360	rBV	62783	126742	1.36%	0.108%
15	11.340	1360	1369	1377	rBV	2010484	3525596	37.75%	3.003%
16	11.463	1383	1390	1406	rBV	2250307	3887173	41.62%	3.311%
17	12.145	1498	1506	1512	rBV	98148	159815	1.71%	0.136%
18	14.492	1895	1905	1909	rBV	4081332	5721083	61.26%	4.873%
19	14.533	1909	1912	1918	rVB	570087	796844	8.53%	0.679%
20	14.798	1950	1957	1968	rBV	4693436	6912109	74.01%	5.887%
21	14.951	1976	1983	1989	rVB	233396	288620	3.09%	0.246%
22	15.098	2000	2008	2016	rBV2	2831569	4349374	46.57%	3.704%
23	15.257	2029	2035	2053	rBV	1613129	2470701	26.46%	2.104%
24	15.886	2138	2142	2148	rVB	344038	433828	4.65%	0.370%
25	16.075	2167	2174	2181	rBV	5792983	8386757	89.80%	7.143%
26	16.175	2186	2191	2202	rBV	1578733	2213828	23.71%	1.886%
27	16.292	2204	2211	2213	rBV2	81514	171759	1.84%	0.146%
28	16.739	2282	2287	2297	rBV	304280	497829	5.33%	0.424%
29	17.522	2416	2420	2424	rBV	145492	176921	1.89%	0.151%
30	17.810	2463	2469	2475	rBV2	3274886	4837588	51.80%	4.120%
31	17.910	2480	2486	2498	rVB	5981179	8635350	92.47%	7.355%
32	18.645	2605	2611	2620	rBV	922220	1344917	14.40%	1.146%
33	19.739	2794	2797	2800	rBV2	70205	96912	1.04%	0.083%
34	19.821	2808	2811	2816	rVB	141472	182914	1.96%	0.156%

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35	19.880	2816	2821	2831	rBV	619384	953434	10.21%	0.812%
36	20.039	2845	2848	2855	rVB	74221	97667	1.05%	0.083%
37	20.151	2861	2867	2878	rVB	6975692	9339017	100.00%	7.954%
38	20.745	2965	2968	2974	rVB7	71583	97299	1.04%	0.083%
39	21.562	3103	3107	3114	rBV	447417	693787	7.43%	0.591%
40	21.662	3121	3124	3133	rVB6	158284	249277	2.67%	0.212%
41	21.768	3138	3142	3148	rVV	2059794	2250309	24.10%	1.917%
42	21.904	3157	3165	3176	rBV	3578466	5629633	60.28%	4.795%
43	24.221	3552	3559	3573	rVB	4047131	8214863	87.96%	6.997%
44	24.380	3579	3586	3596	rVB2	2076262	4229958	45.29%	3.603%

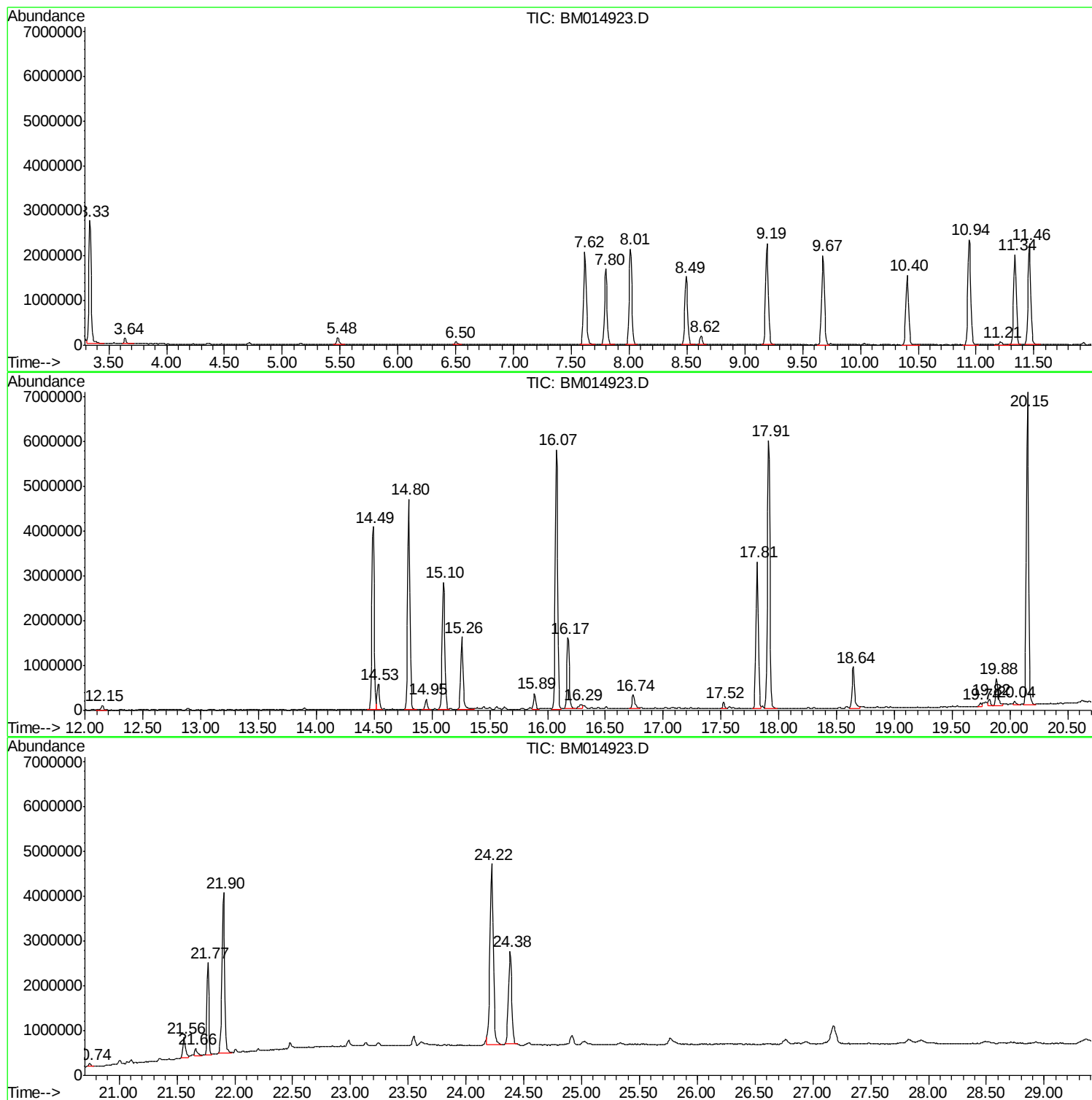
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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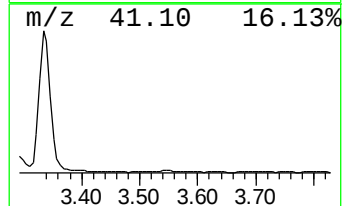
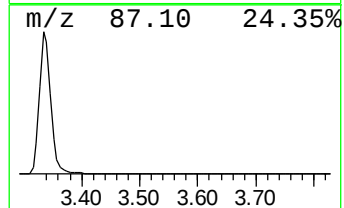
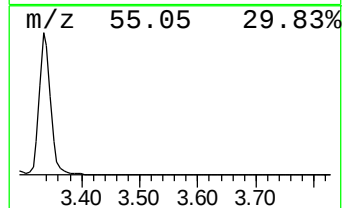
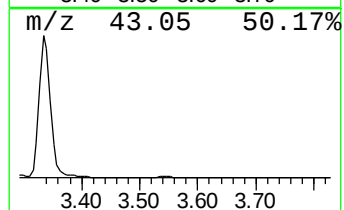
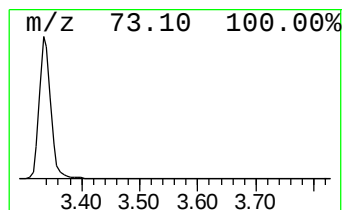
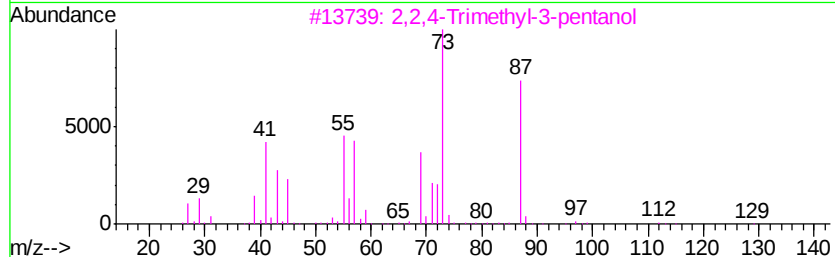
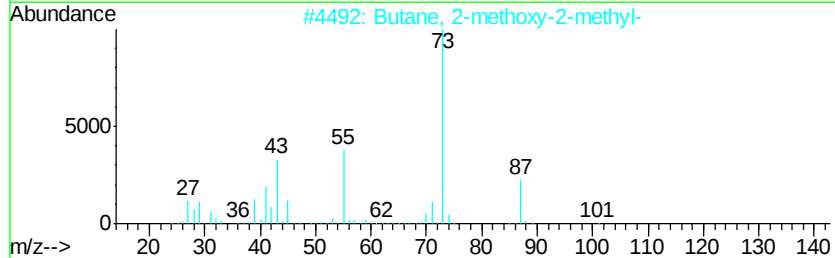
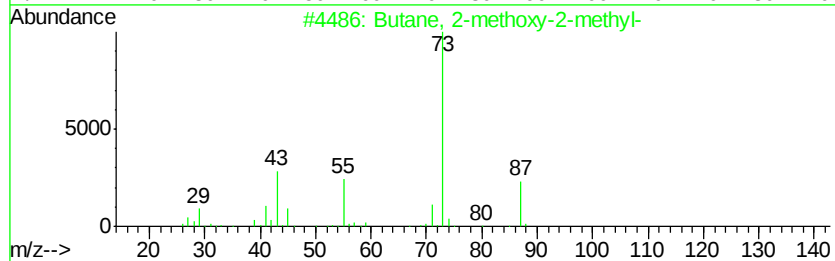
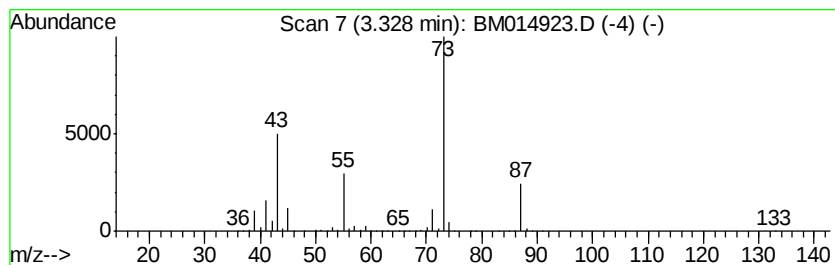
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
3.33	30.32 ng/ul	3794170	1,4-Dichlorobenzene-d4	8.49

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	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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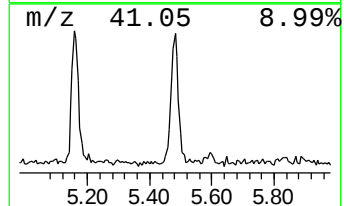
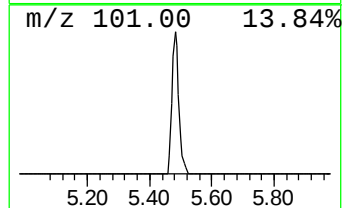
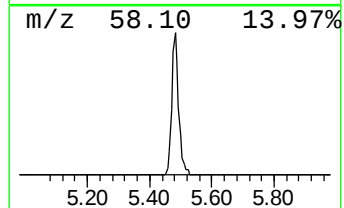
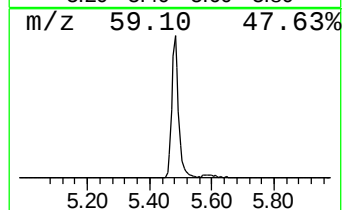
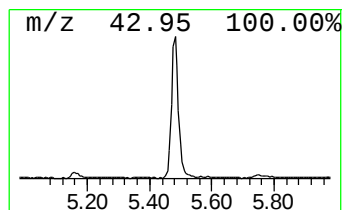
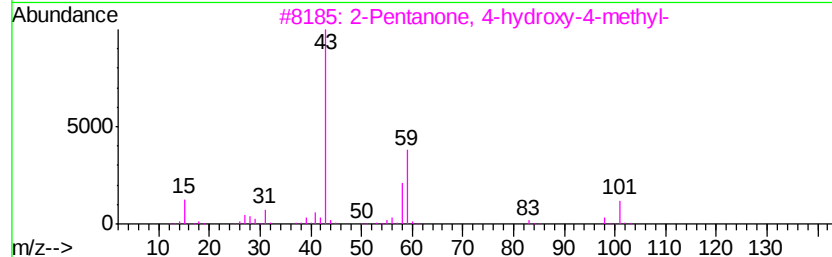
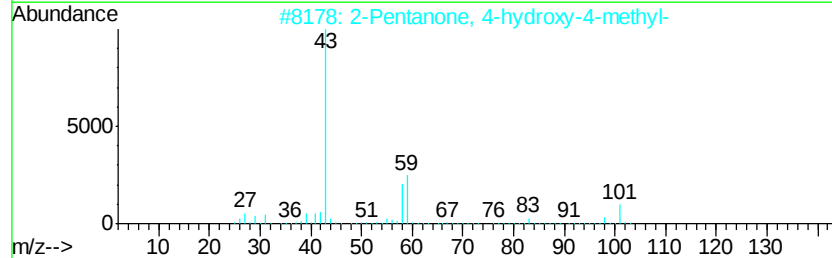
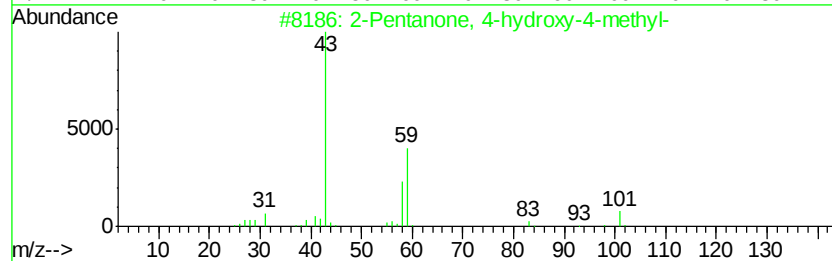
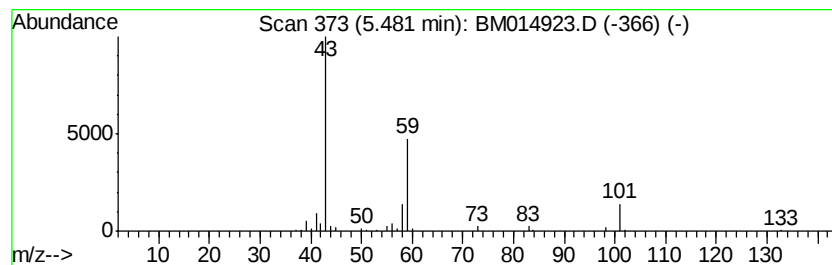
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	2.00 ng/ul	250293	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25



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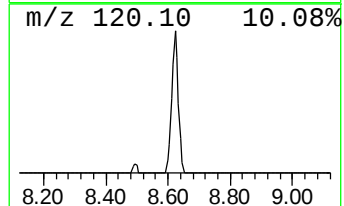
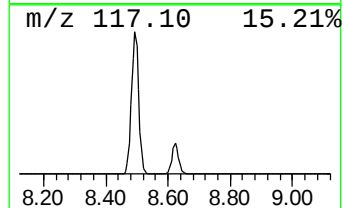
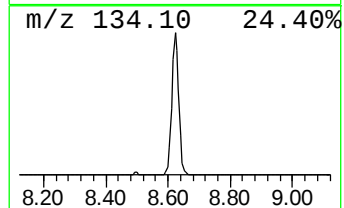
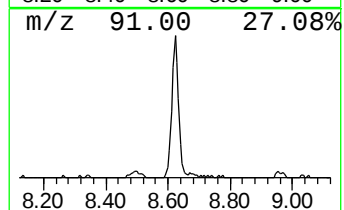
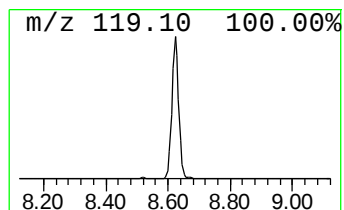
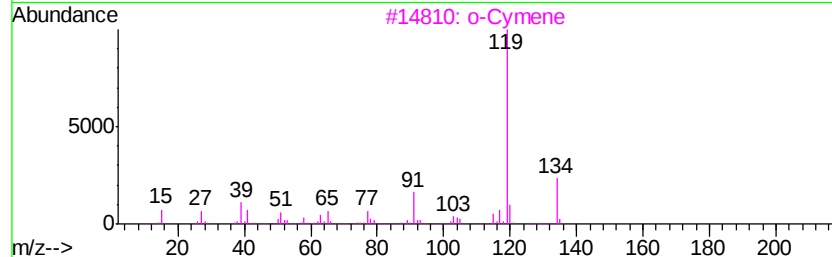
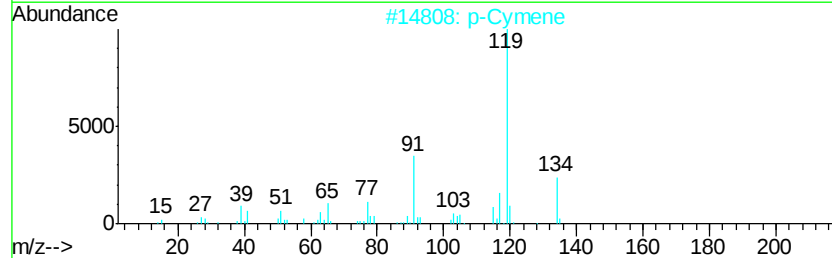
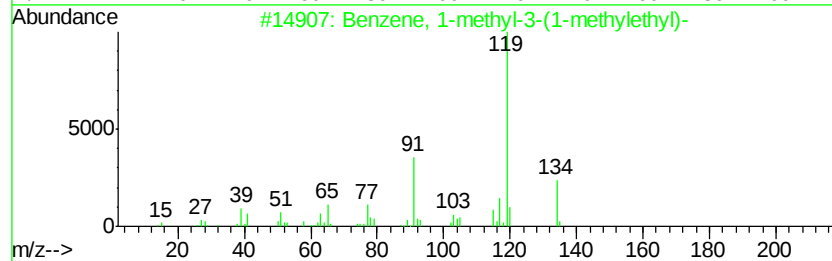
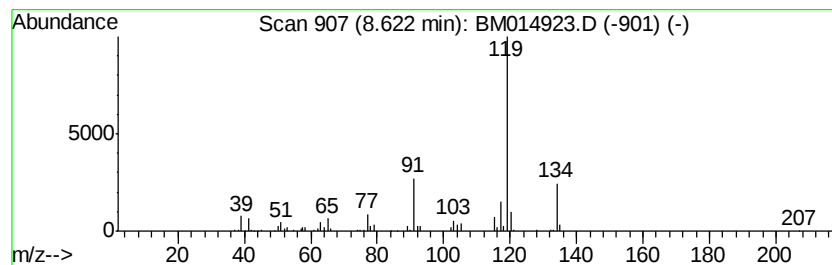
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	2.35 ng/ul	294287	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2		p-Cymene	134	C10H14	000099-87-6	95
3		o-Cymene	134	C10H14	000527-84-4	94
4		p-Cymene	134	C10H14	000099-87-6	94
5		o-Cymene	134	C10H14	000527-84-4	94



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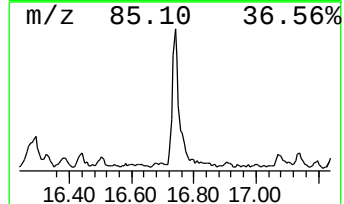
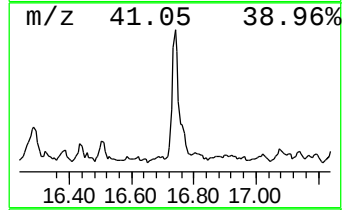
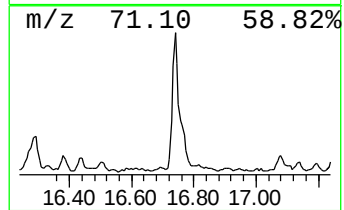
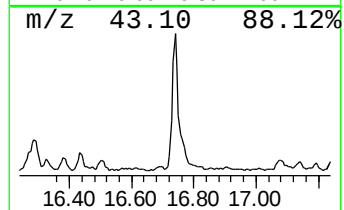
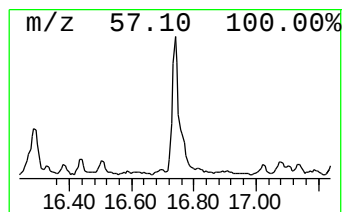
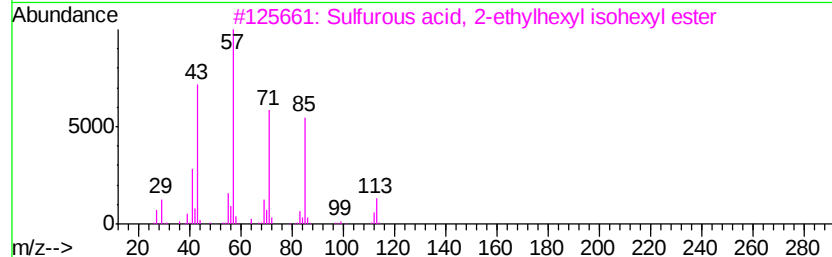
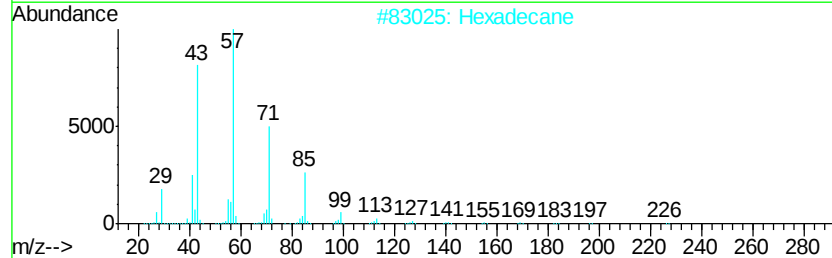
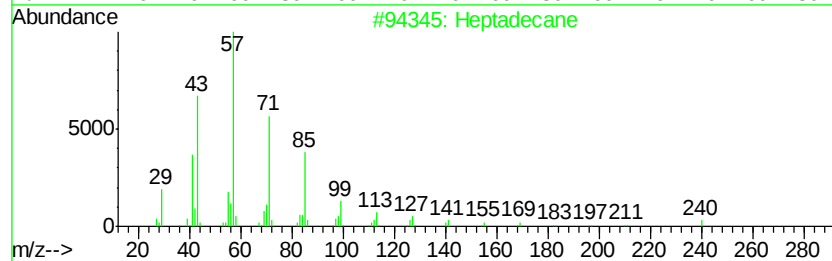
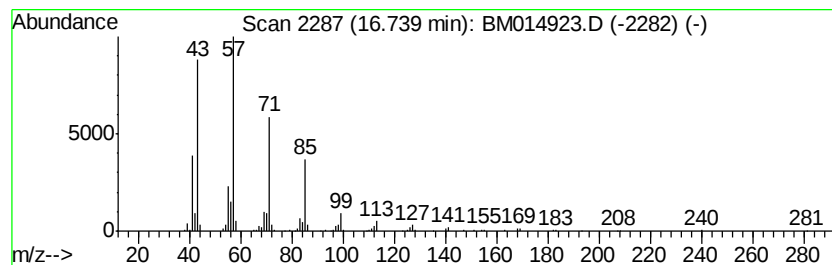
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.06 ng/ul	497829	Phenanthrene-d10	17.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	90
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	86



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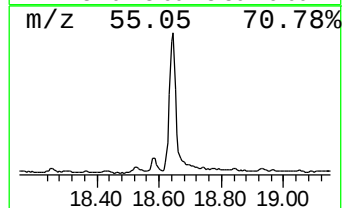
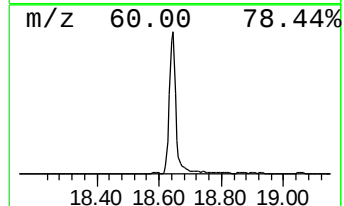
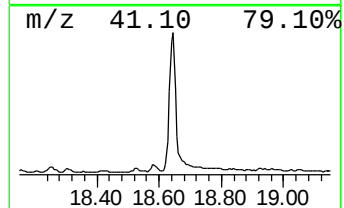
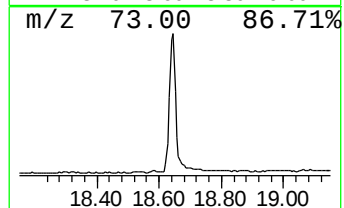
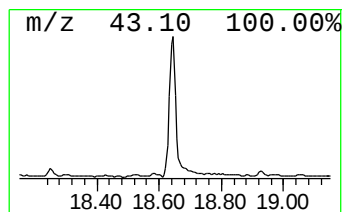
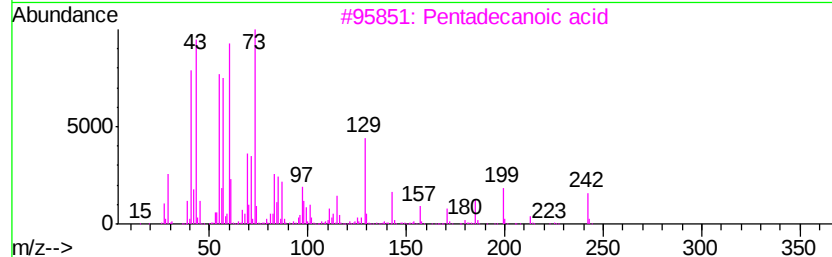
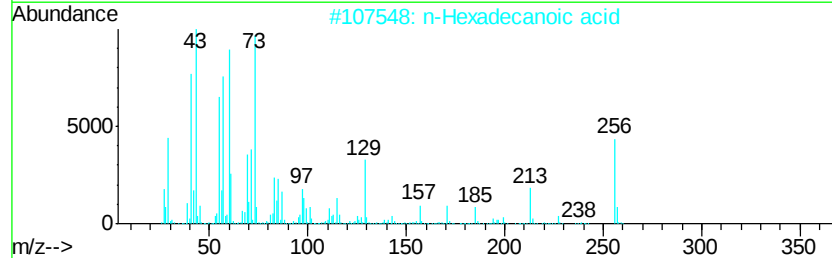
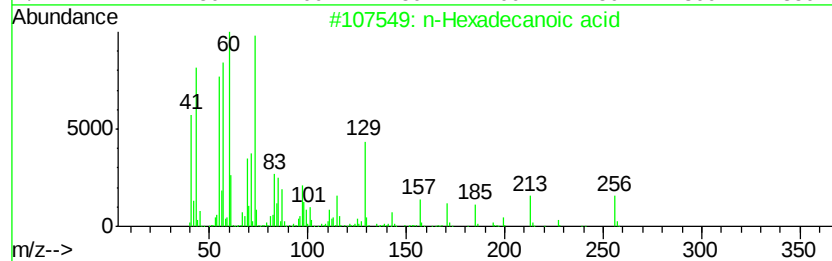
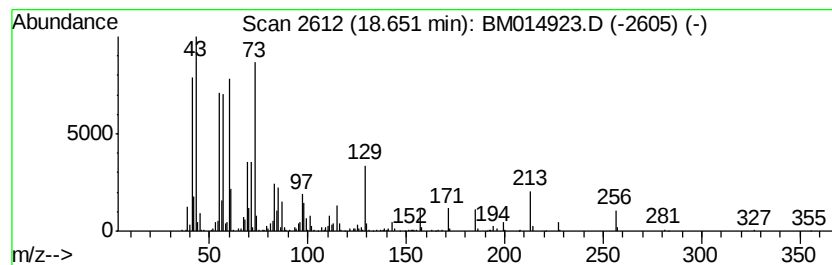
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	5.56 ng/ul	1344920	Phenanthrene-d10	17.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014923.D
Acq On : 02 May 2018 15:19
Operator : SJ/JU
Sample : J2631-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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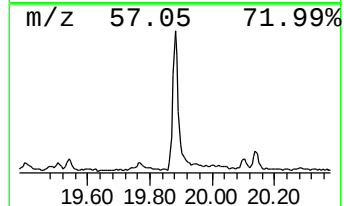
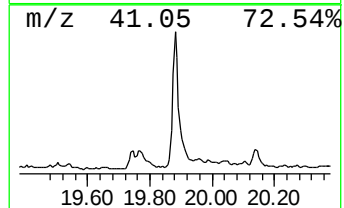
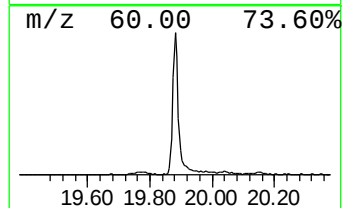
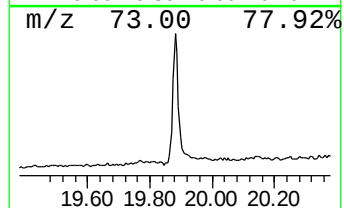
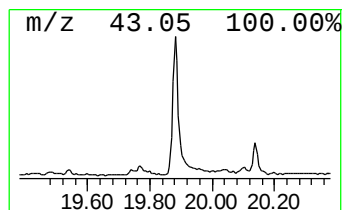
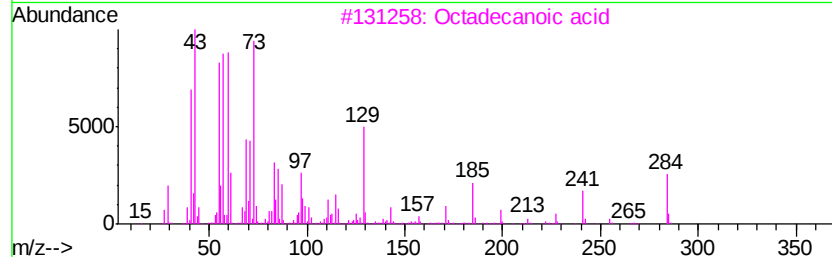
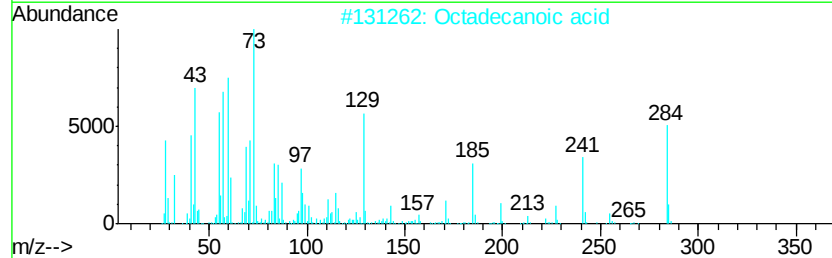
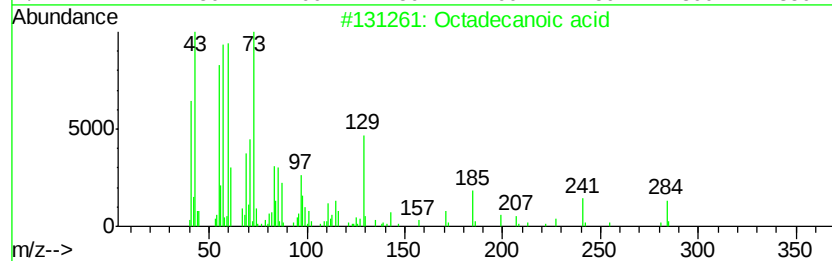
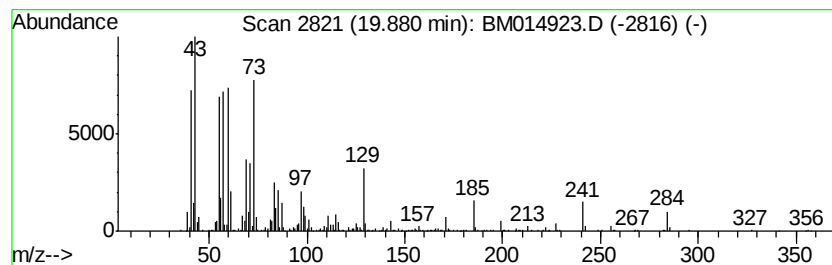
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.88	3.39 ng/ul	953434	Chrysene-d12		21.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	95
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014923.D
Acq On : 02 May 2018 15:19
Operator : SJ/JU
Sample : J2631-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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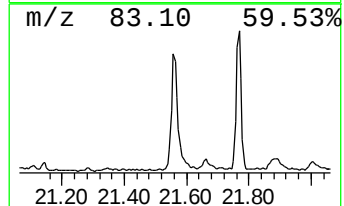
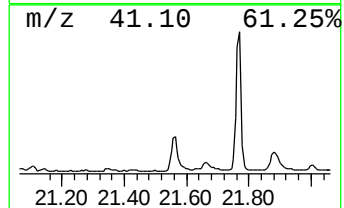
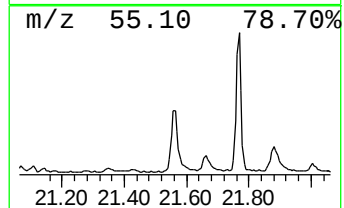
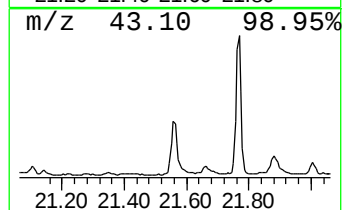
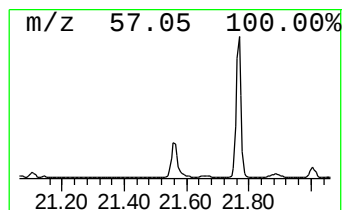
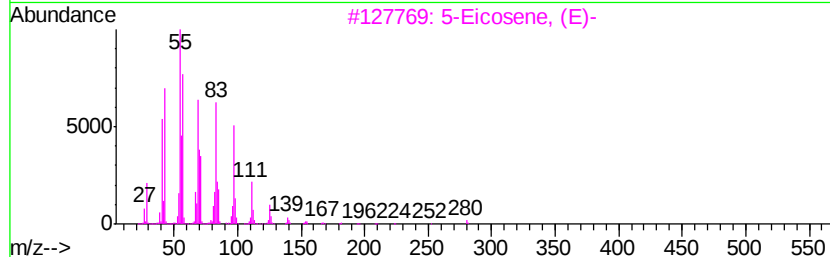
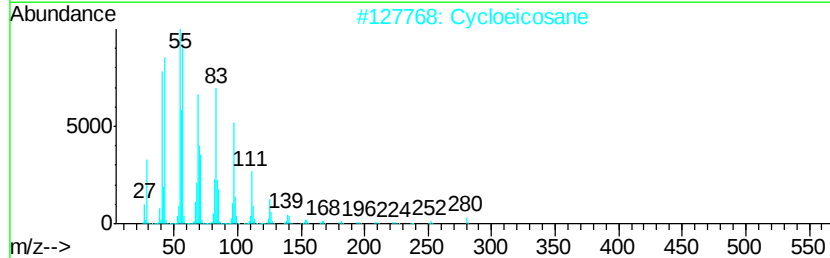
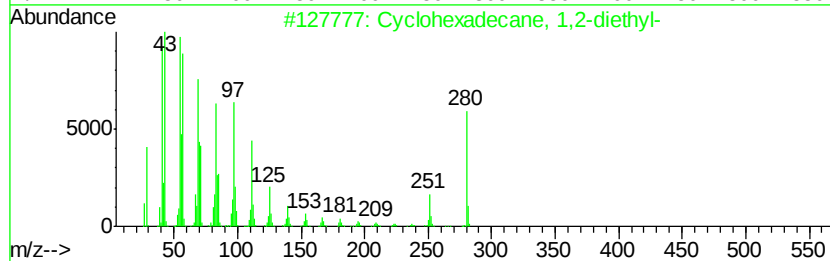
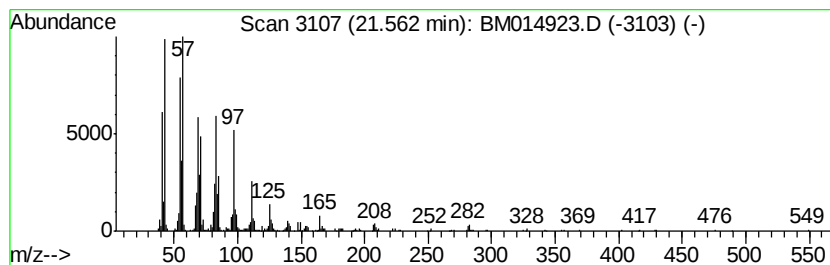
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic21.56 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	2.46 ng/ul	693787	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	96
2		Cycloeicosane	280	C20H40	000296-56-0	96
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4		1-Eicosene	280	C20H40	003452-07-1	95
5		1-Eicosene	280	C20H40	003452-07-1	92



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Acq On : 02 May 2018 15:19
Operator : SJ/JU
Sample : J2631-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.33	30.3	ng/ul	3794170	1	8.49	2502380	20.0
2-Pentanone, 4-hy...	5.48	2.0	ng/ul	250293	1	8.49	2502380	20.0
Benzene, 1-methyl...	8.62	2.4	ng/ul	294287	1	8.49	2502380	20.0
(DEL) Alkane: Str...	16.74	2.1	ng/ul	497829	4	17.81	4837590	20.0
n-Hexadecanoic acid	18.65	5.6	ng/ul	1344920	4	17.81	4837590	20.0
Octadecanoic acid	19.88	3.4	ng/ul	953434	5	21.90	5629630	20.0
(DEL) Alkane: Cyc...	21.56	2.5	ng/ul	693787	5	21.90	5629630	20.0