LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.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	2.716	3	5	24	rVB	44193888	60186223	92.38%	36.455%
2	2.899	32	36	41	rVB	144877	178922	0.27%	0.108%
3	2.951	41	45	46	rVV	319019	358427	0.55%	0.217%
4	2.987	46	51	60	rVV	42898408	65151377	100.00%	39.463%
5	3.051	60	62	75	rVV	1992285	3057060	4.69%	1.852%
6	3.146	75	78	81	rVV	155891	191868	0.29%	0.116%
7	3.199	85	87	90	rVV	100185	113794	0.17%	0.069%
8	3.234	90	93	101	rVB	95610	120178	0.18%	0.073%
9	4.951	379	385	393	rBV	86888	130544	0.20%	0.079%
10	6.987	724	731	744	rVB	619744	1088220	1.67%	0.659%
11	7.157	753	760	770	rBV	453577	673532	1.03%	0.408%
12	7.357	786	794	801	rBV	613207	974873	1.50%	0.590%
13	7.828	866	874	880	rBV	566059	894109	1.37%	0.542%
14	8.522	985	992	1000	rBV	728943	1141634	1.75%	0.691%
15	8.980	1063	1070	1081	rBV	578141	940399	1.44%	0.570%
16	9.698	1183	1192	1204	rBV	456268	771373	1.18%	0.467%
17	10.233	1276	1283	1292	rBV	710570	1172367	1.80%	0.710%
18	10.616	1341	1348	1359	rVB	700432	1175796	1.80%	0.712%
19	10.751	1364	1371	1379	rBV	604260	1016322	1.56%	0.616%
20	13.868	1895	1901	1905	rBV	1247201	1663945	2.55%	1.008%
21	13.915	1905	1909	1919	rVB	359844	501545	0.77%	0.304%
22	14.157	1943	1950	1961	rVB	1223155	1811485	2.78%	1.097%
23	14.462	1996	2002	2009	rBV	1022236	1499520	2.30%	0.908%
24	14.651	2027	2034	2044	rBV	429990	709033	1.09%	0.429%
25	14.733	2044	2048	2054	rVB2	43297	68571	0.11%	0.042%
26	15.457	2164	2171	2179	rBV	1540797	2294438	3.52%	1.390%
27	15.568	2183	2190	2199	rBV	443489	622953	0.96%	0.377%
28	15.821	2227	2233	2238	rBV	128195	174981	0.27%	0.106%
29	17.203	2462	2468	2478	rBV	1276301	1796425	2.76%	1.088%
30	17.303	2478	2485	2495	rVV	1745128	2494150	3.83%	1.511%
31	18.092	2614	2619	2629	rBV2	197006	293035	0.45%	0.177%
32	19.233	2808	2813	2821	rBV4	28851	69653	0.11%	0.042%
33	19.374	2832	2837	2845	rBV3	97012	155042	0.24%	0.094%
34	19.597	2869	2875	2880	rBV	2008918	2693149	4.13%	1.631%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Title : SVOA CALIBRATION

35	19.645	2880	2883	2894	rVB3	51690	84598	0.13%	0.051%
36	21.091	3125	3129	3143	rBV	883642	1199826	1.84%	0.727%
37	21.303	3161	3165	3171	rVB	89855	105293	0.16%	0.064%
38	21.391	3174	3180	3192	rBV	1611752	2071918	3.18%	1.255%
39	21.980	3276	3280	3282	rBV2	48808	71630	0.11%	0.043%
40	22.450	3356	3360	3365	rBV3	56233	76183	0.12%	0.046%
41	22.968	3444	3448	3453	rVB3	61014	83812	0.13%	0.051%
42	23.538	3537	3545	3556	rBV	1417166	2752921	4.23%	1.667%
43	23.685	3562	3570	3579	rVB2	995750	2012367	3.09%	1.219%
44	24.209	3656	3659	3664	rVB4	65520	109993	0.17%	0.067%
45	24.297	3669	3674	3687	rBV6	136954	342966	0.53%	0.208%

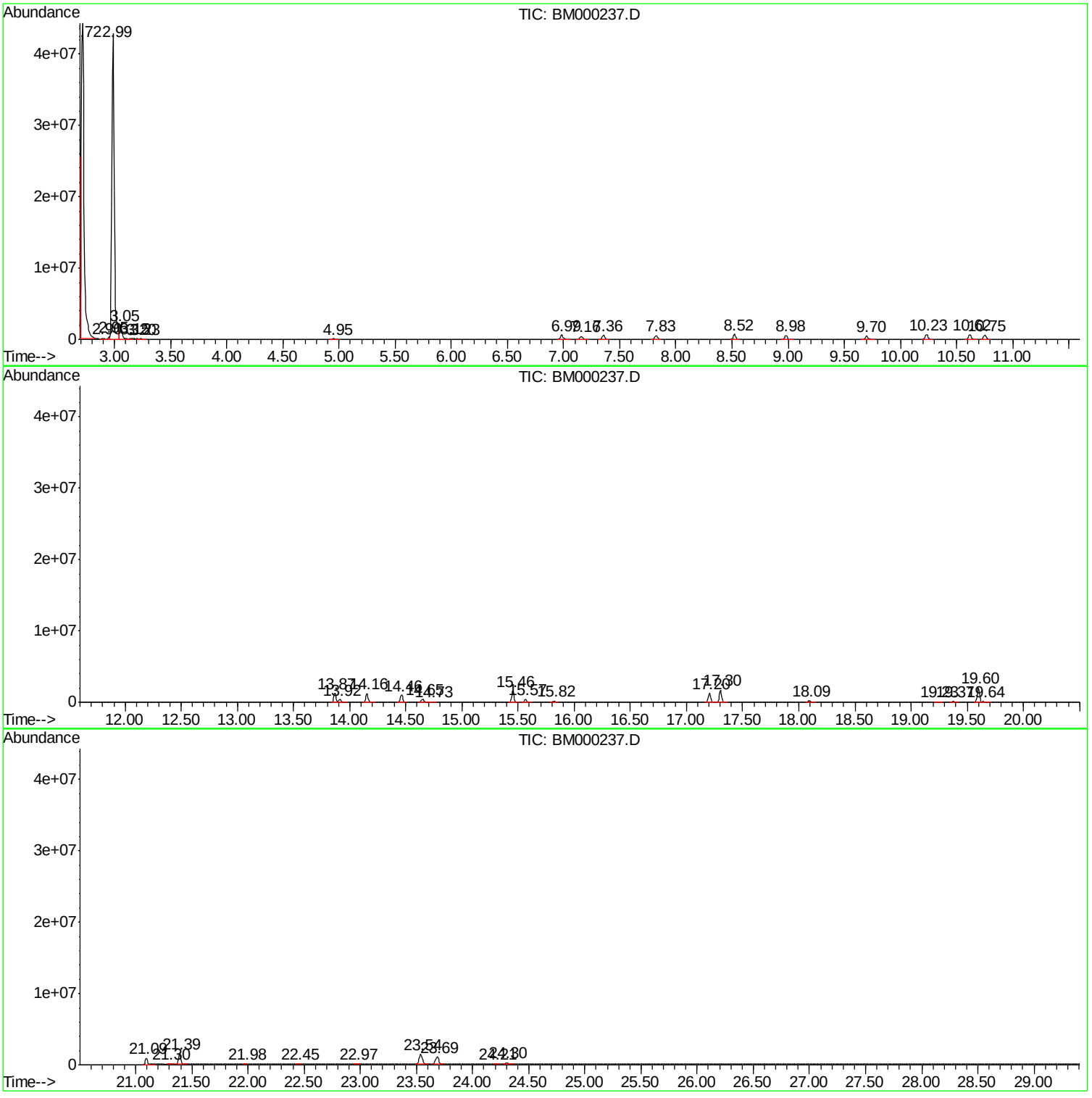
Sum of corrected areas: 165096450

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

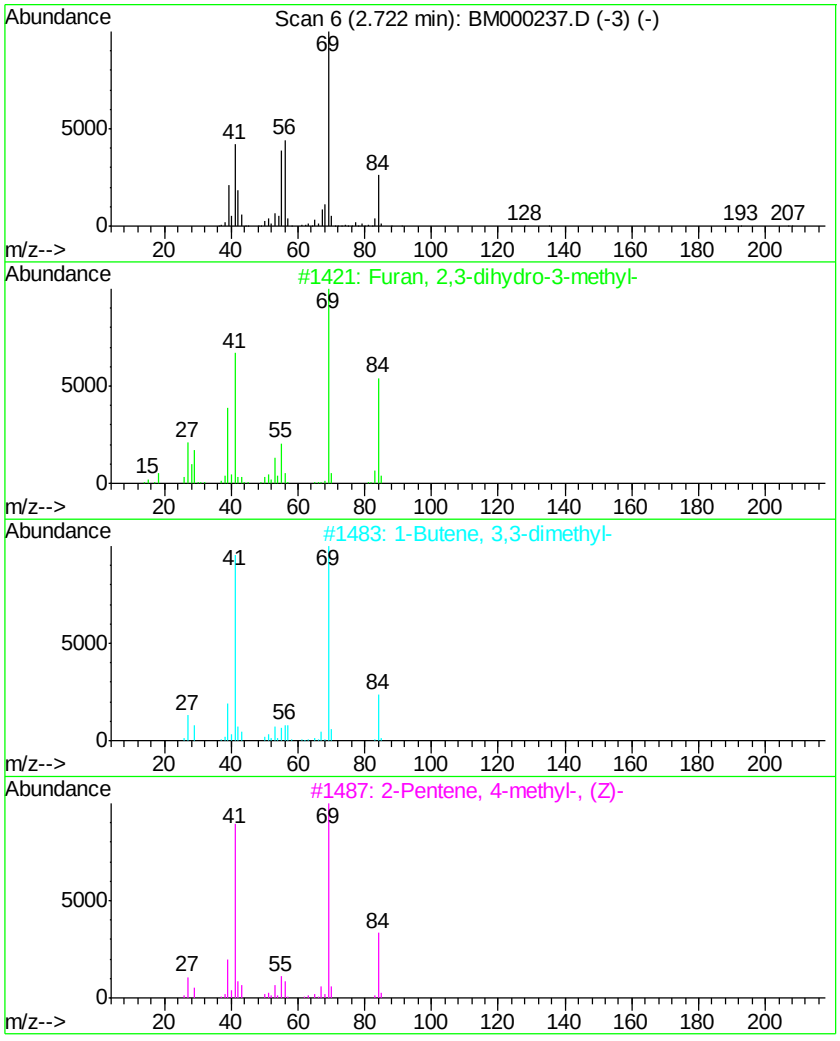
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

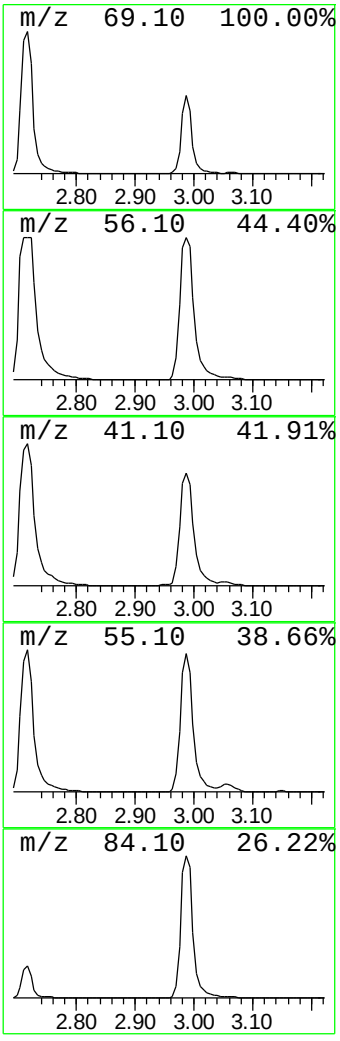
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Furan, 2,3-dihydro-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	1346.28 ng/ul	60186200	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	58
2	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	53
3	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	53
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	50
5	2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

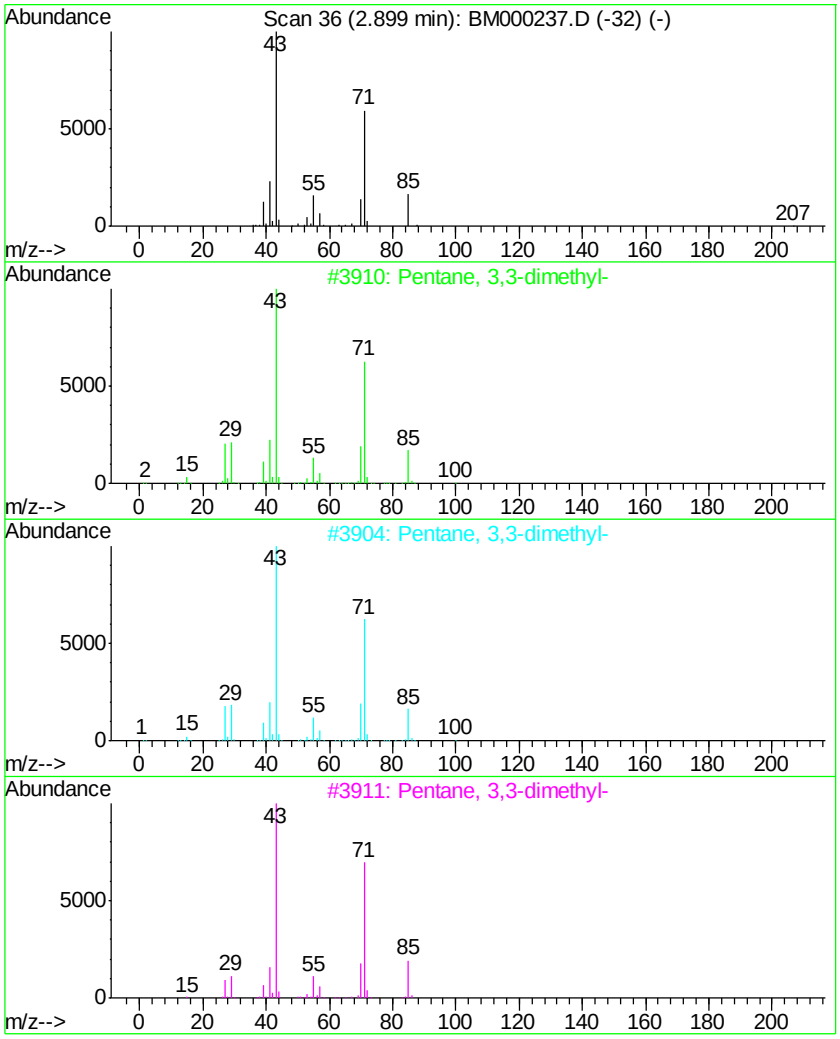
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

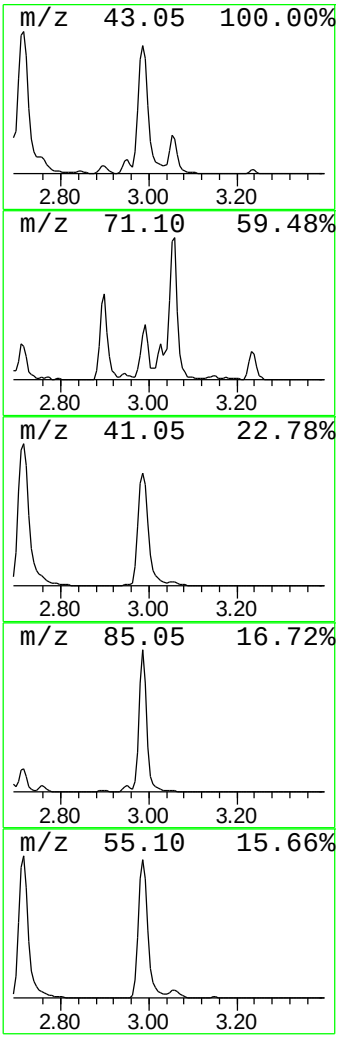
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chain Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	4.00 ng/ul	178922	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	72
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64
4	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	53
5	Ether, 3-butenyl pentyl	142	C9H18O	034061-78-4	45





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

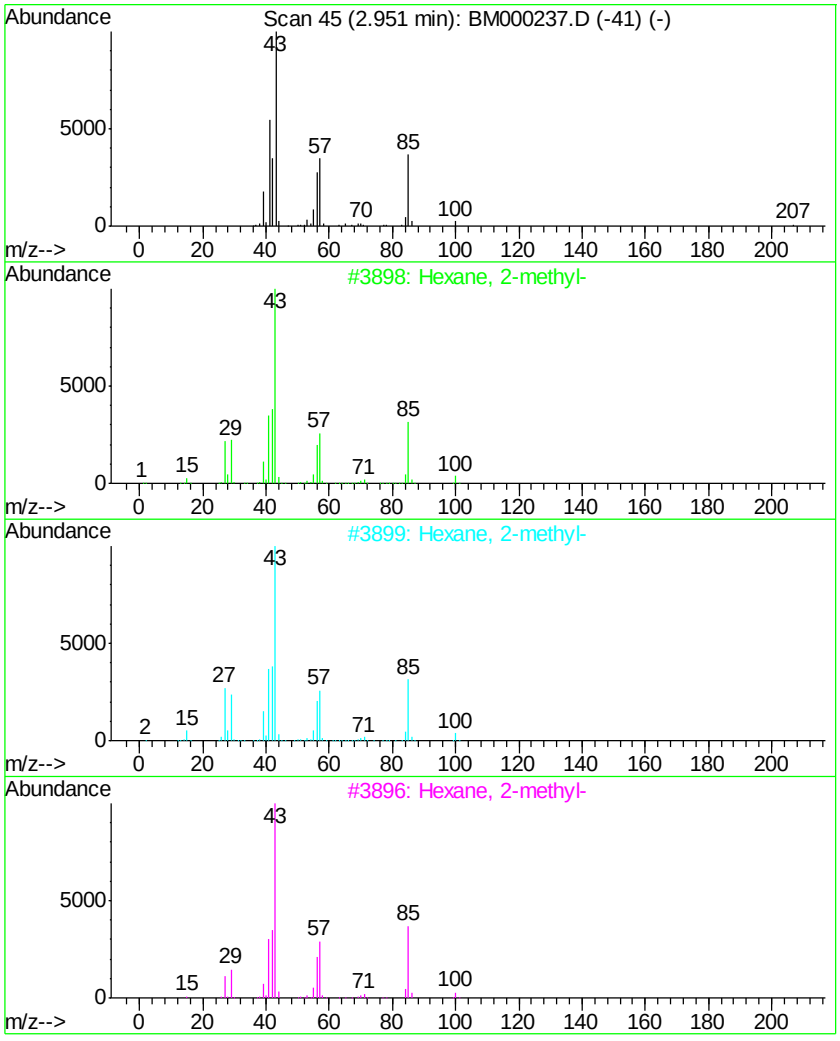
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

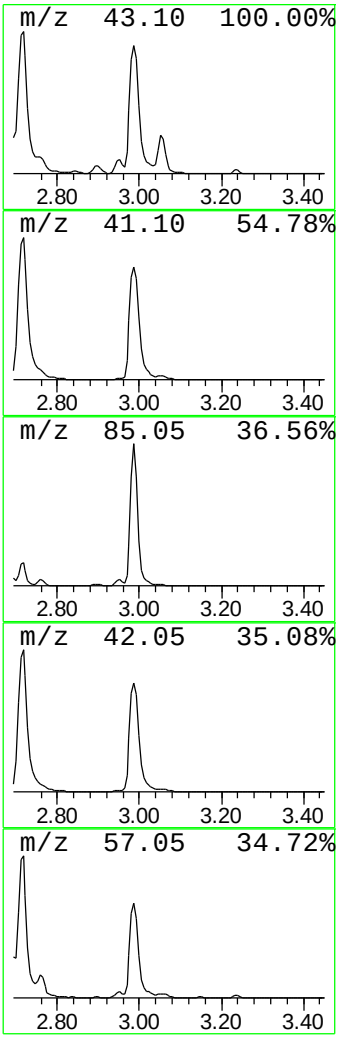
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chain Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	8.02 ng/ul	358427	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	90
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	90
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	74
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	56





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

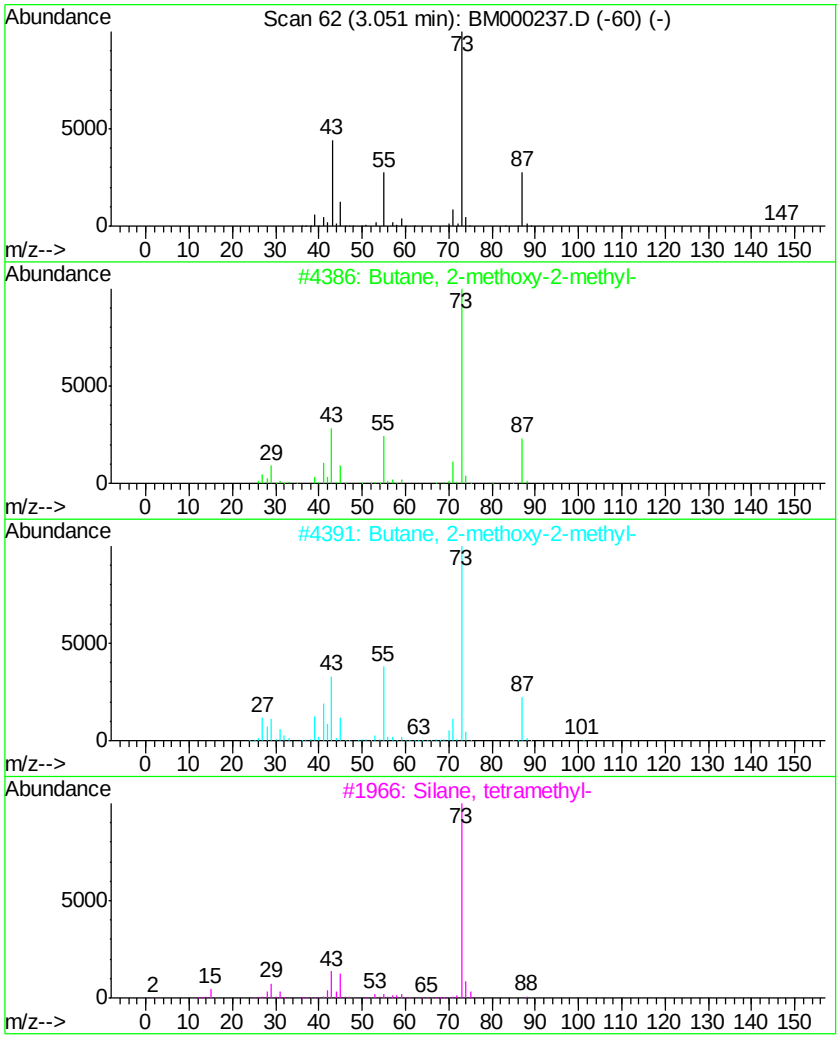
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

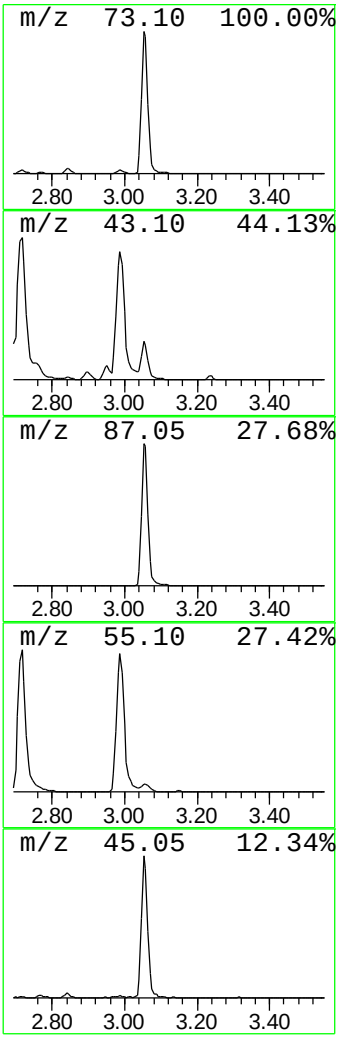
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	68.38 ng/ul	3057060	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

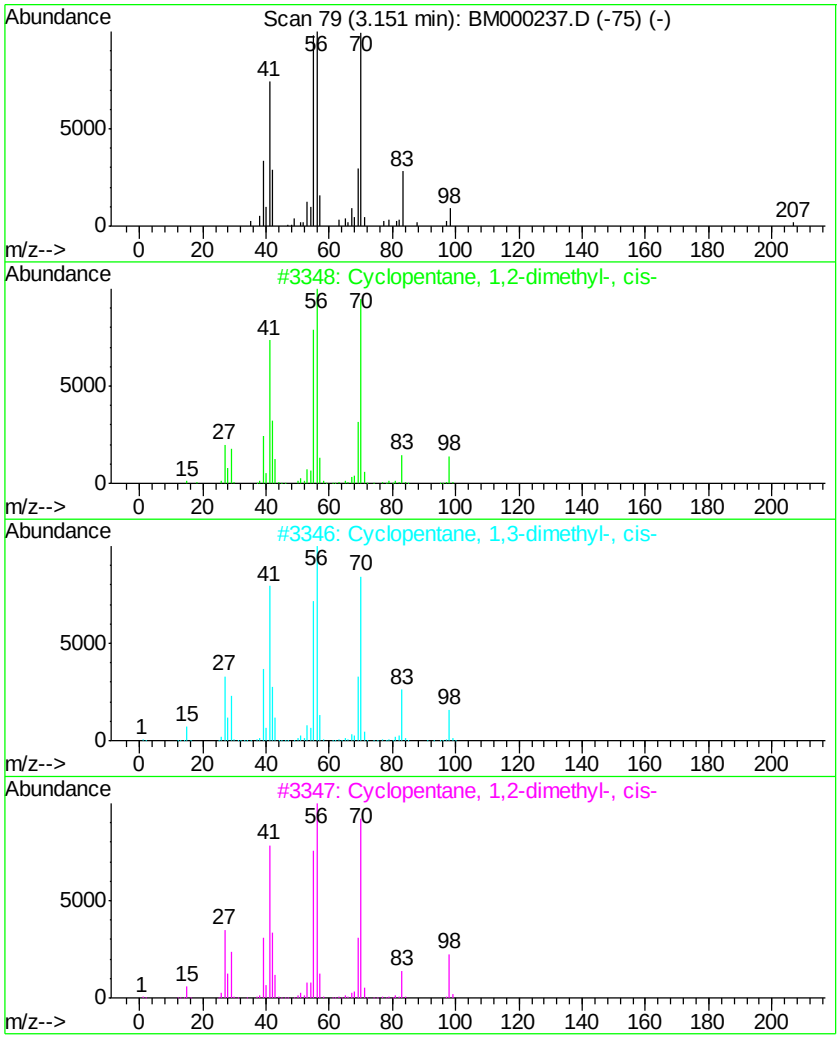
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

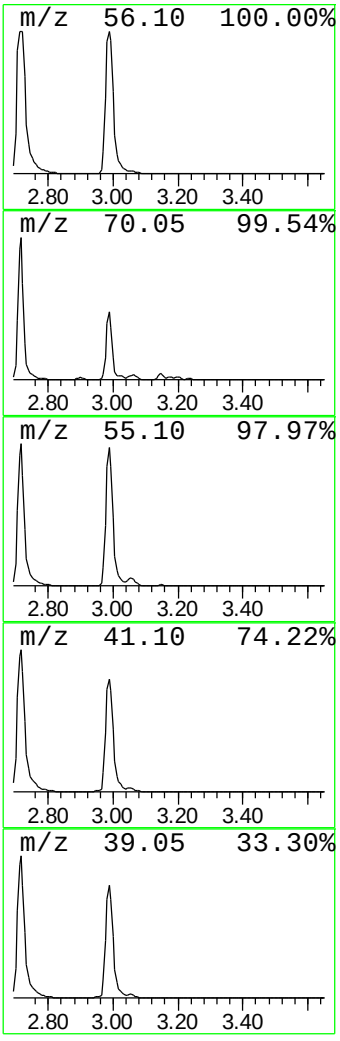
****

Peak Number 6 (DEL) Alkane: Cyclic Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	4.29 ng/ul	191868	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	78
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	72
5	Isopropylcyclobutane	98	C7H14	000872-56-0	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

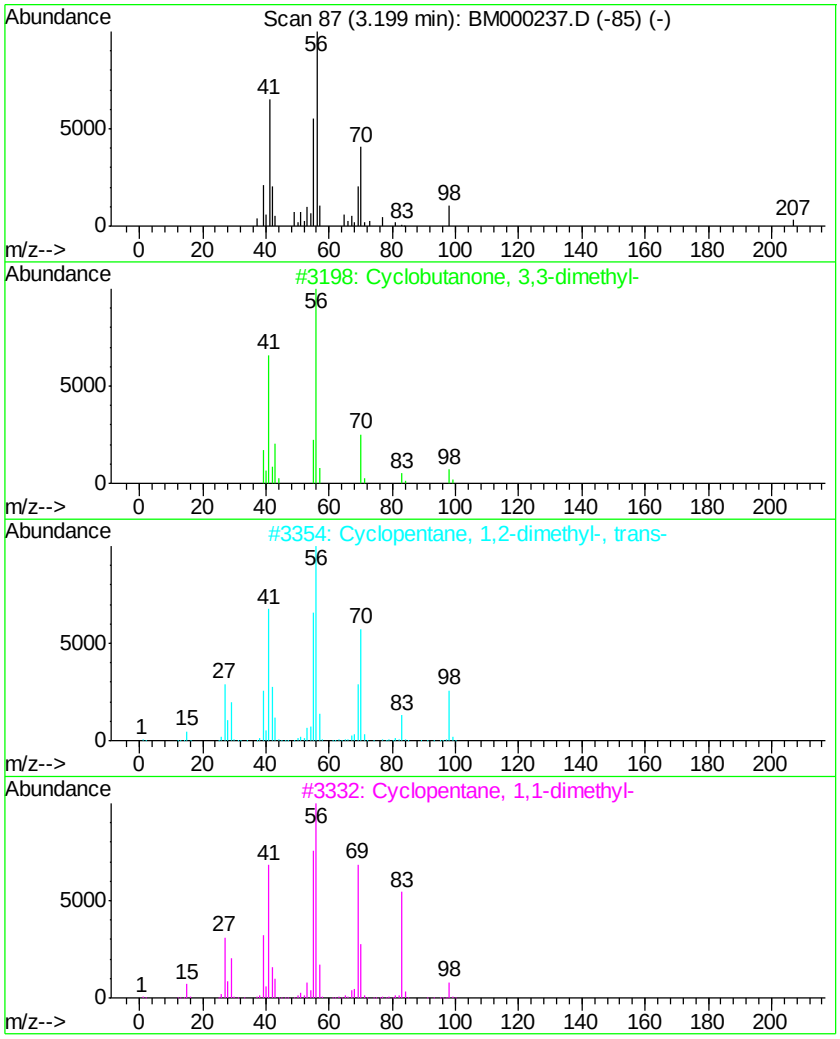
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

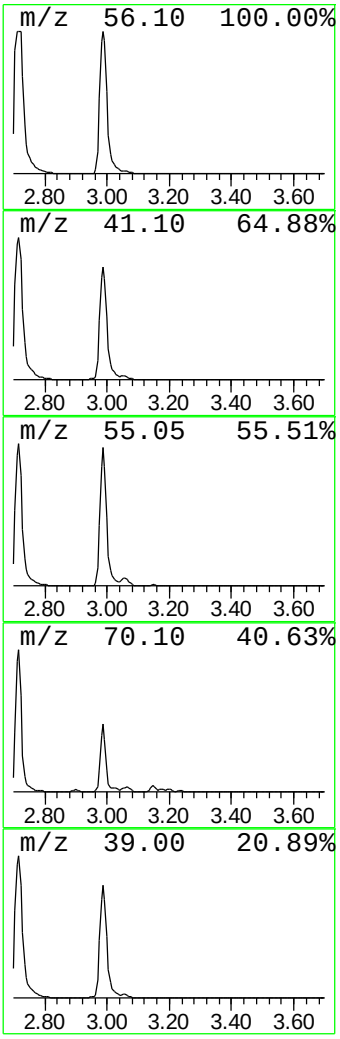
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclobutanone, 3,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	2.55 ng/ul	113794	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	64
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	56
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	53
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	52
5	Isopropylcyclobutane	98	C7H14	000872-56-0	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

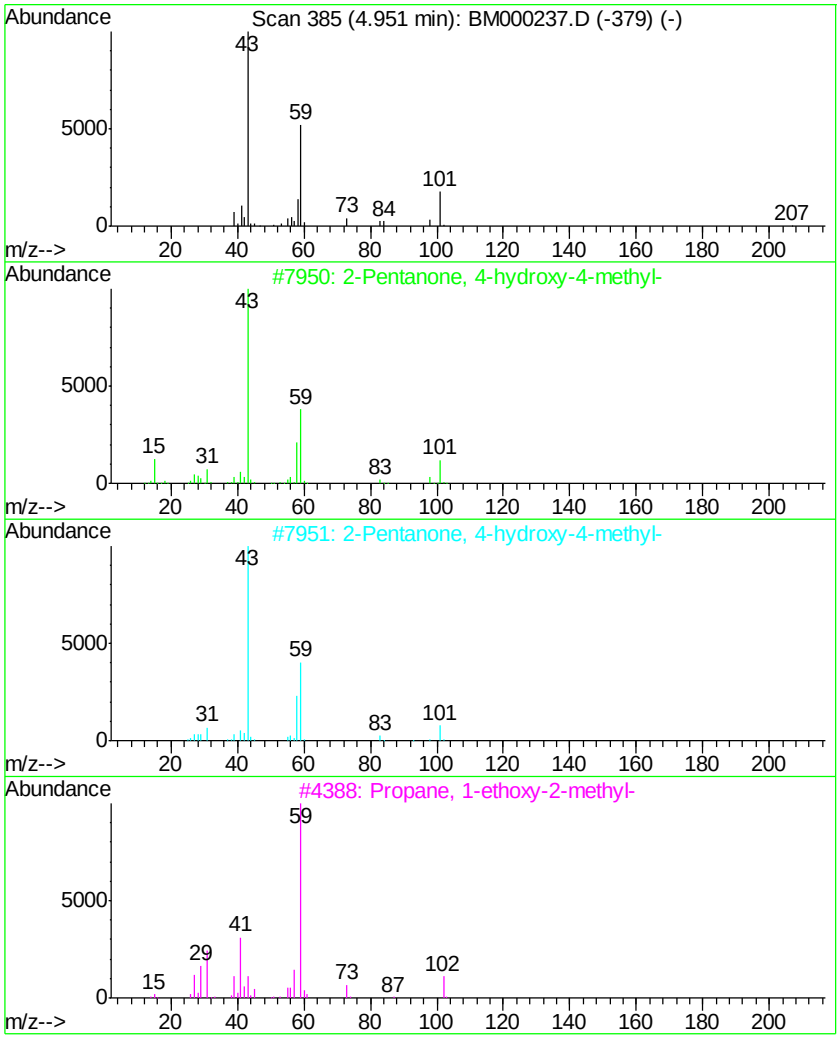
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

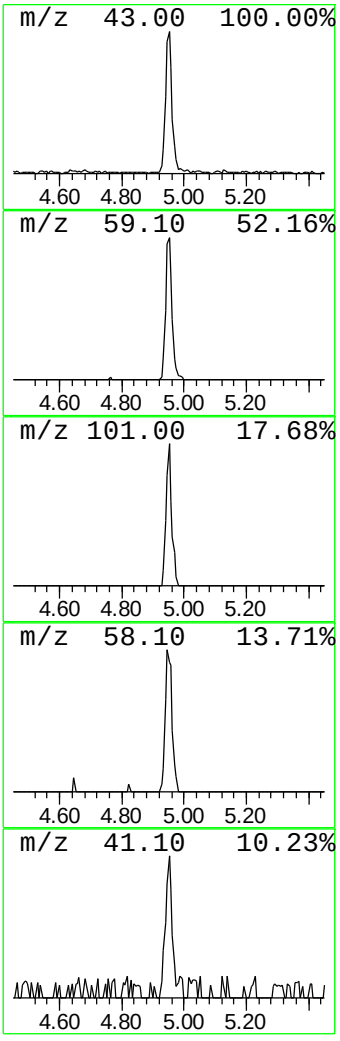
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	2.92 ng/ul	130544	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
5	3-Octanol	130	C8H18O	000589-98-0	28





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

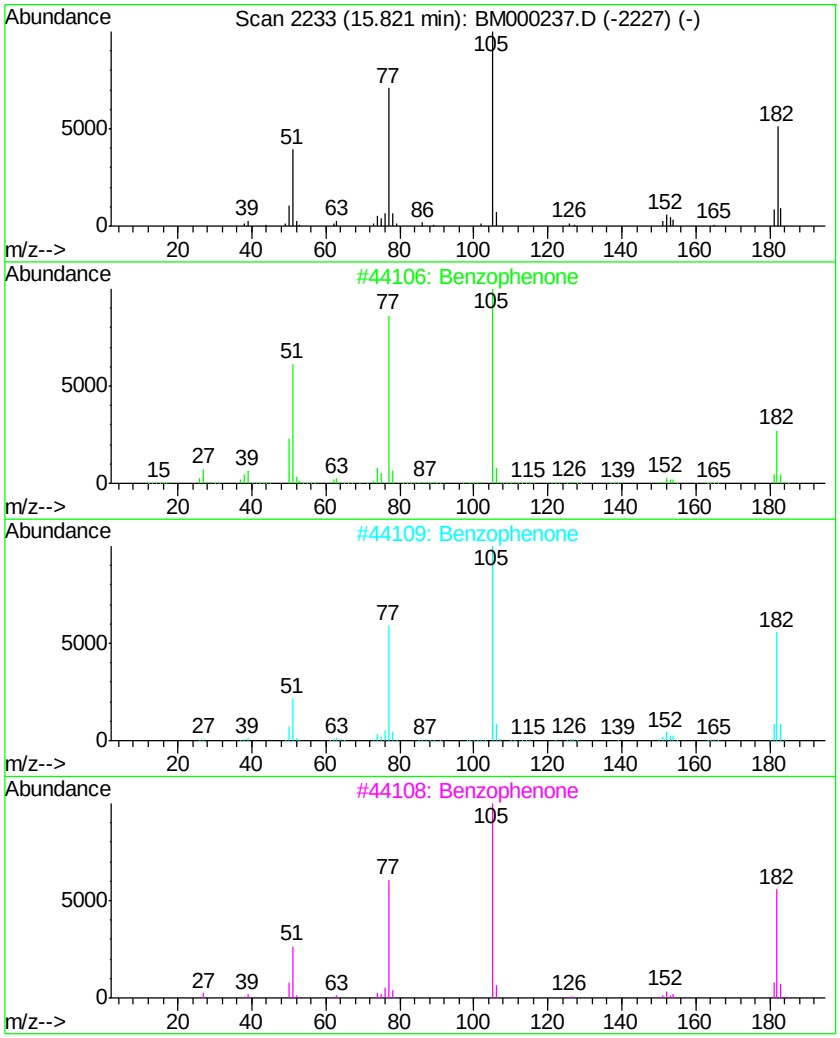
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

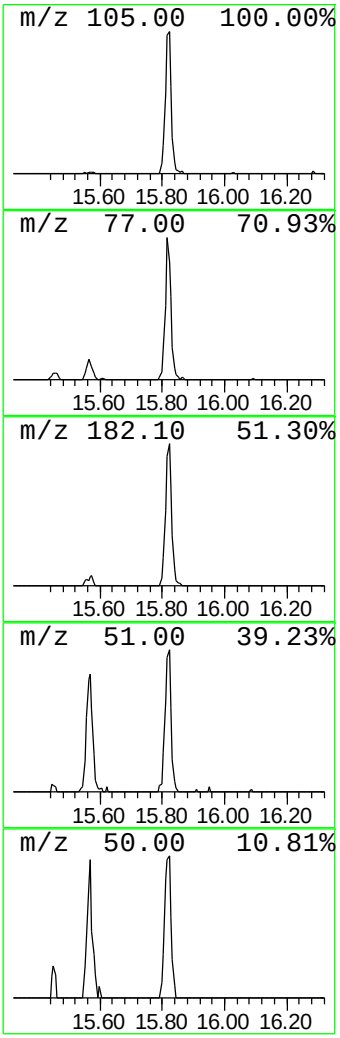
****

Peak Number 10 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.33 ng/ul	174981	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	93
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

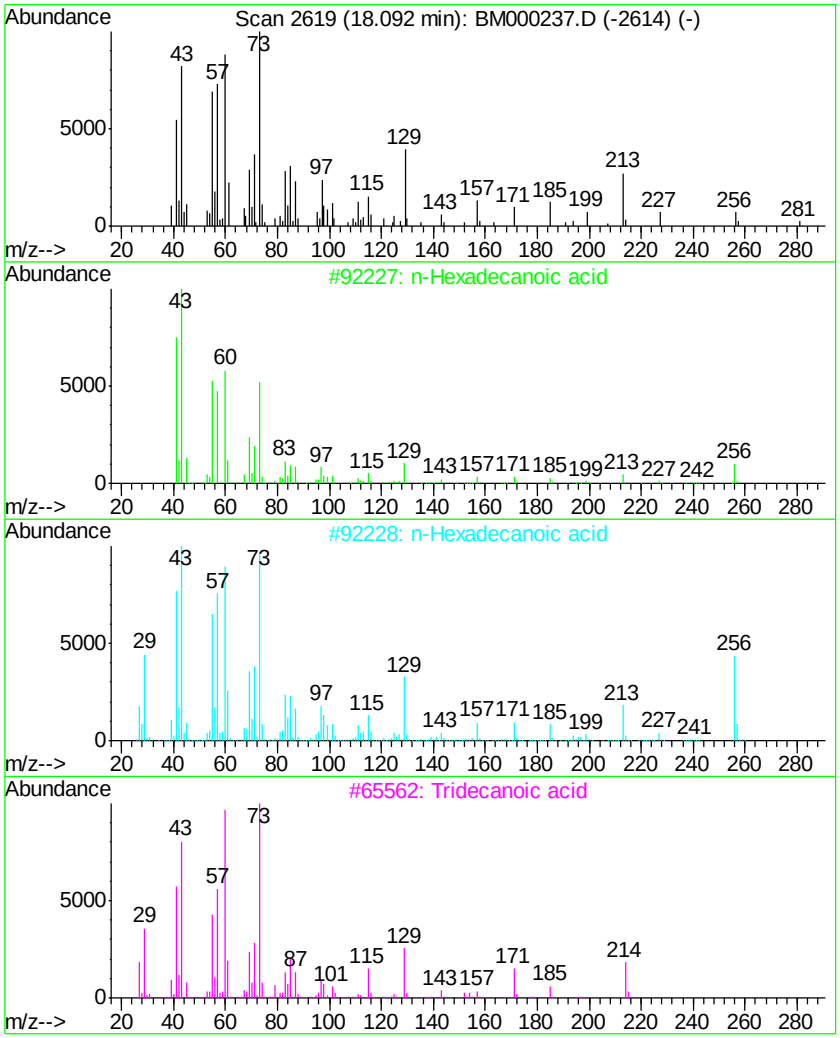
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

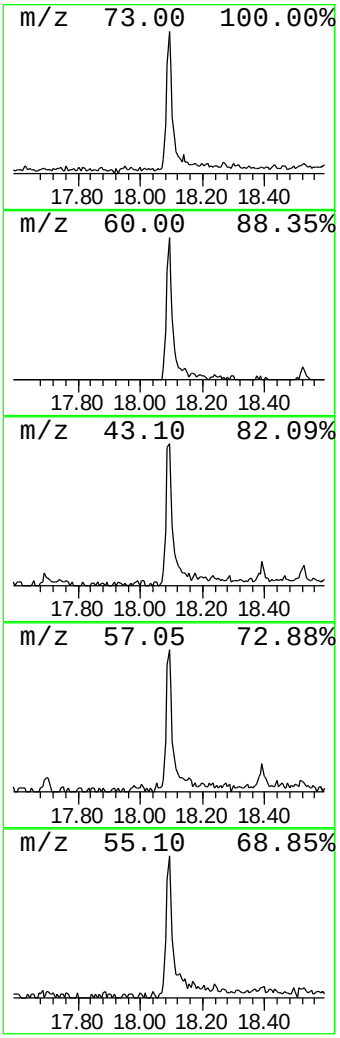
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.26 ng/ul	293035	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

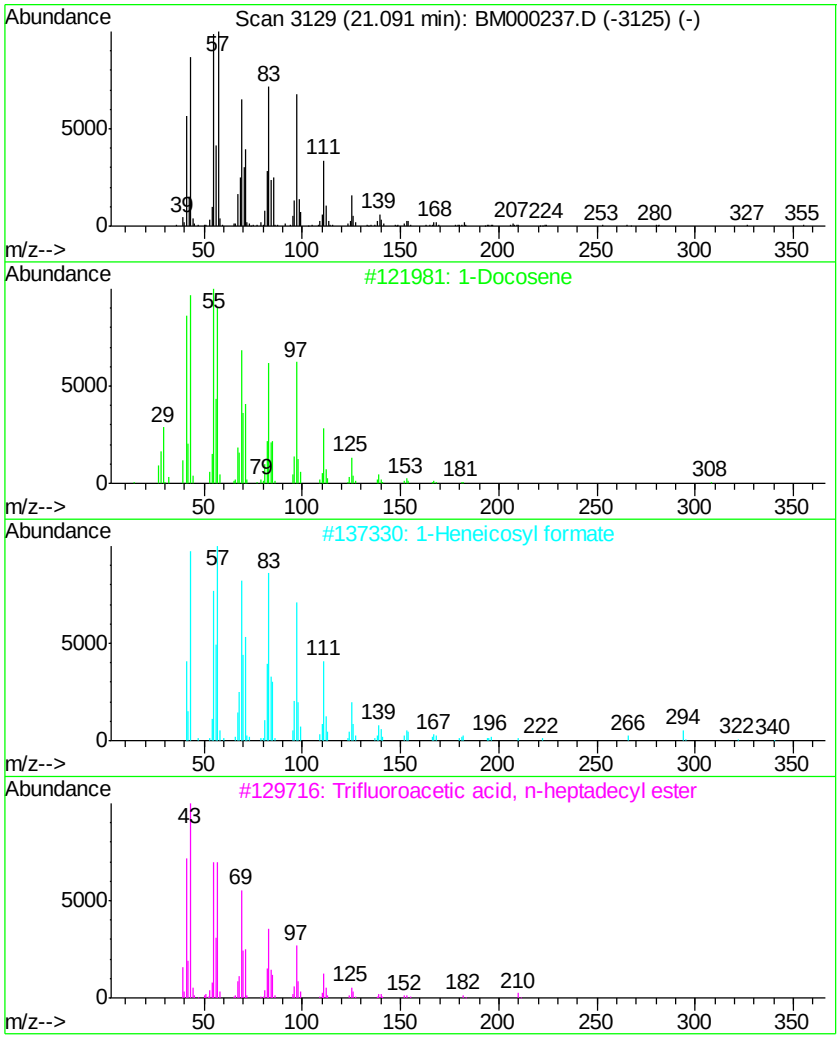
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

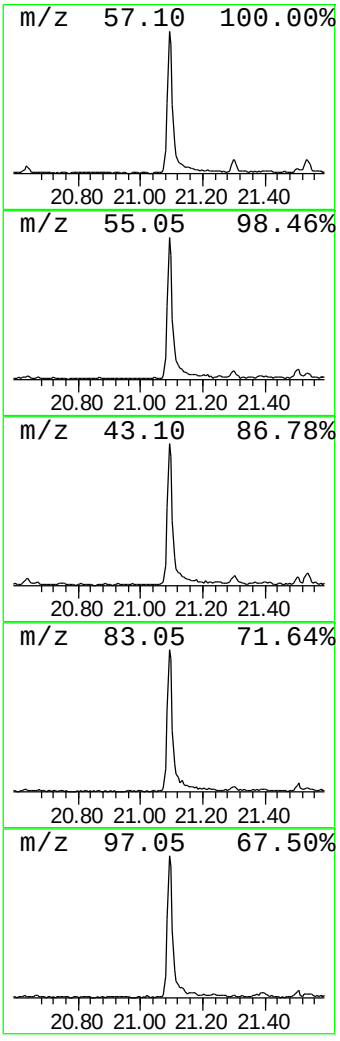
****

Peak Number 12 (DEL) Alkane: Cyclic Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	11.58 ng/ul	1199830	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
4	1-Tricosene	322	C23H46	018835-32-0	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

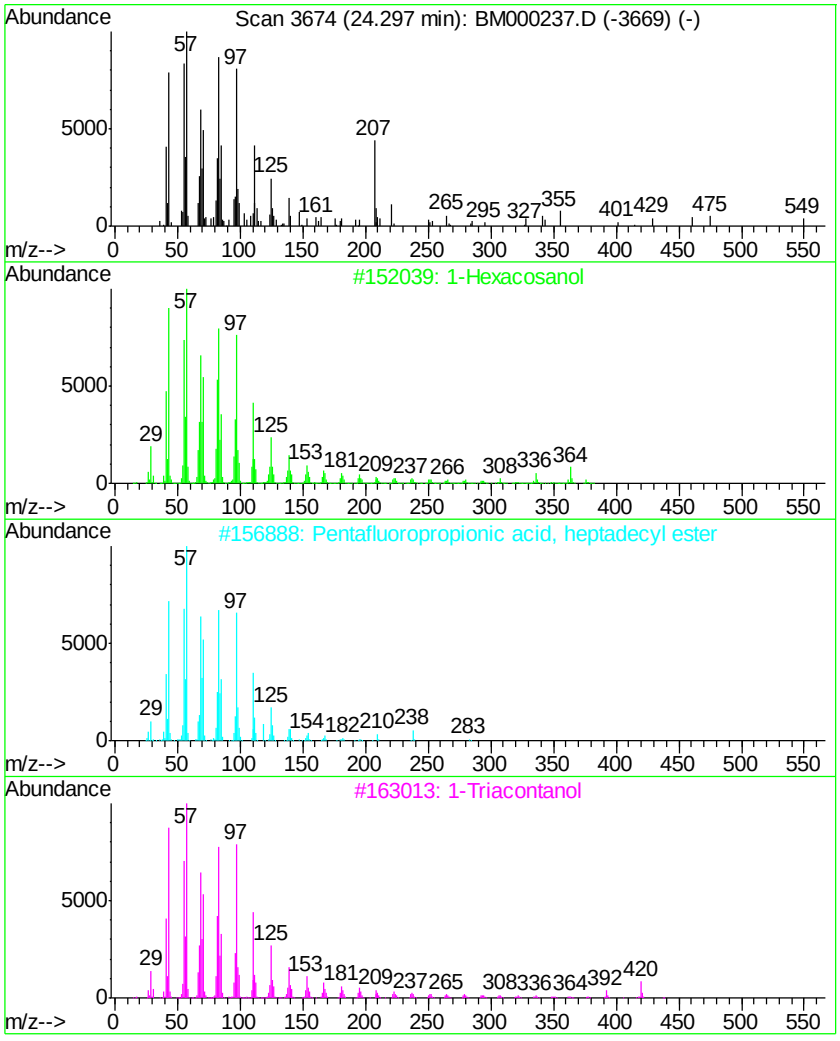
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

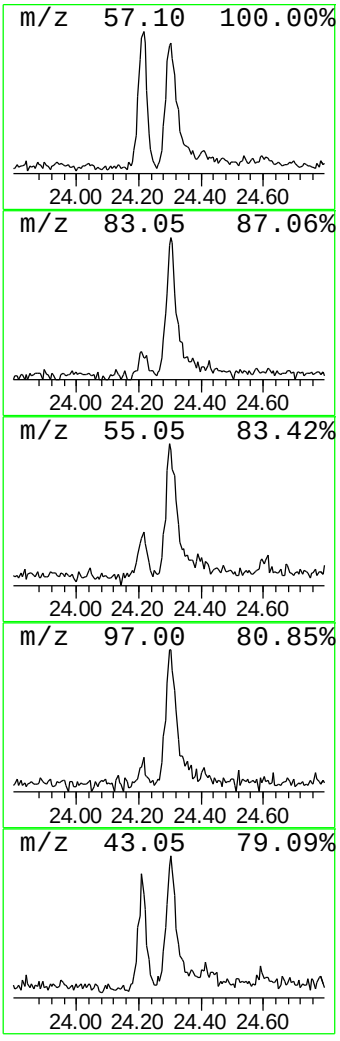
****

Peak Number 13 1-Hexacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.30	3.41 ng/ul	342966	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	76
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76
3	1-Triacontanol	438	C30H62O	000593-50-0	70
4	Cyclotetracosane	336	C24H48	000297-03-0	68
5	17-Pentatriacontene	491	C35H70	006971-40-0	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011615\
Data File : BM000237.D
Acq On : 16 Jan 2015 17:23
Operator : TP/IZ
Sample : G1065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AC7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Furan, 2,3-dihydr...	2.72	1346.3	ng/ul	60186200	1	7.83	894109	20.0
(DEL) Alkane: Str...	2.90	4.0	ng/ul	178922	1	7.83	894109	20.0
(DEL) Alkane: Str...	2.95	8.0	ng/ul	358427	1	7.83	894109	20.0
Butane, 2-methoxy...	3.05	68.4	ng/ul	3057060	1	7.83	894109	20.0
(DEL) Alkane: Cyclic	3.15	4.3	ng/ul	191868	1	7.83	894109	20.0
Cyclobutanone, 3,...	3.20	2.5	ng/ul	113794	1	7.83	894109	20.0
2-Pentanone, 4-hy...	4.95	2.9	ng/ul	130544	1	7.83	894109	20.0
Benzophenone	15.82	2.3	ng/ul	174981	3	14.46	1499520	20.0
n-Hexadecanoic acid	18.09	3.3	ng/ul	293035	4	17.20	1796430	20.0
(DEL) Alkane: Cyclic	21.09	11.6	ng/ul	1199830	5	21.39	2071920	20.0
1-Hexacosanol	24.30	3.4	ng/ul	342966	6	23.69	2012370	20.0