LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

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	2.710	3	4	25	rVB	42587750	56753156	85.33%	33.216%
2	2.893	32	35	41	rVB	155158	188764	0.28%	0.110%
3	2.946	41	44	46	rVV	340074	394087	0.59%	0.231%
4	2.987	46	51	60	rVV	43594031	66508532	100.00%	38.925%
5	3.051	60	62	75	rVV	2517393	3590158	5.40%	2.101%
6	3.146	75	78	81	rVV	168762	209411	0.31%	0.123%
7	3.198	85	87	90	rVV	118178	117906	0.18%	0.069%
8	3.234	90	93	102	rVB	118455	142354	0.21%	0.083%
9	4.357	280	284	293	rVB	151628	202062	0.30%	0.118%
10	4.951	379	385	391	rBV	147248	217756	0.33%	0.127%
11	6.986	724	731	742	rVB	833095	1479585	2.22%	0.866%
12	7.157	753	760	773	rVB	588245	913371	1.37%	0.535%
13	7.357	787	794	803	rBV	823219	1308189	1.97%	0.766%
14	7.828	865	874	880	rBV	562039	897123	1.35%	0.525%
15	8.522	984	992	1001	rBV	974419	1589693	2.39%	0.930%
16	8.980	1062	1070	1078	rBV	831601	1329504	2.00%	0.778%
17	9.698	1185	1192	1202	rBV	671098	1132614	1.70%	0.663%
18	10.233	1274	1283	1295	rBV	997584	1643757	2.47%	0.962%
19	10.616	1341	1348	1356	rBV	703926	1198492	1.80%	0.701%
20	10.751	1364	1371	1378	rBV	859133	1424221	2.14%	0.834%
21	13.868	1893	1901	1905	rBV	1727926	2339991	3.52%	1.370%
22	13.915	1905	1909	1916	rVB	554228	755772	1.14%	0.442%
23	14.157	1943	1950	1958	rBV	1625141	2528154	3.80%	1.480%
24	14.462	1995	2002	2008	rBV	1021440	1486865	2.24%	0.870%
25	14.651	2027	2034	2043	rBV	682437	1086334	1.63%	0.636%
26	14.733	2043	2048	2054	rVB2	68859	114404	0.17%	0.067%
27	15.451	2164	2170	2178	rVB	2112496	3102457	4.66%	1.816%
28	15.568	2184	2190	2202	rVB	670051	948247	1.43%	0.555%
29	15.815	2225	2232	2238	rBV	210005	282431	0.42%	0.165%
30	17.203	2462	2468	2474	rBV	1281333	1771615	2.66%	1.037%
31	17.303	2478	2485	2494	rVV	2263071	3372376	5.07%	1.974%
32	18.092	2614	2619	2629	rBV2	197475	305444	0.46%	0.179%
33	19.374	2832	2837	2840	rBV3	76683	101262	0.15%	0.059%
34	19.597	2869	2875	2880	rBV	2656967	3573324	5.37%	2.091%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

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	19.639	2880	2882	2888	rVB2	75749	96296	0.14%	0.056%
36	21.091	3124	3129	3138	rBV2	357825	505213	0.76%	0.296%
37	21.386	3174	3179	3186	rBV	1487037	1940497	2.92%	1.136%
38	23.532	3537	3544	3555	rVB2	1811681	3485789	5.24%	2.040%
39	23.679	3562	3569	3579	rVB	910342	1824408	2.74%	1.068%

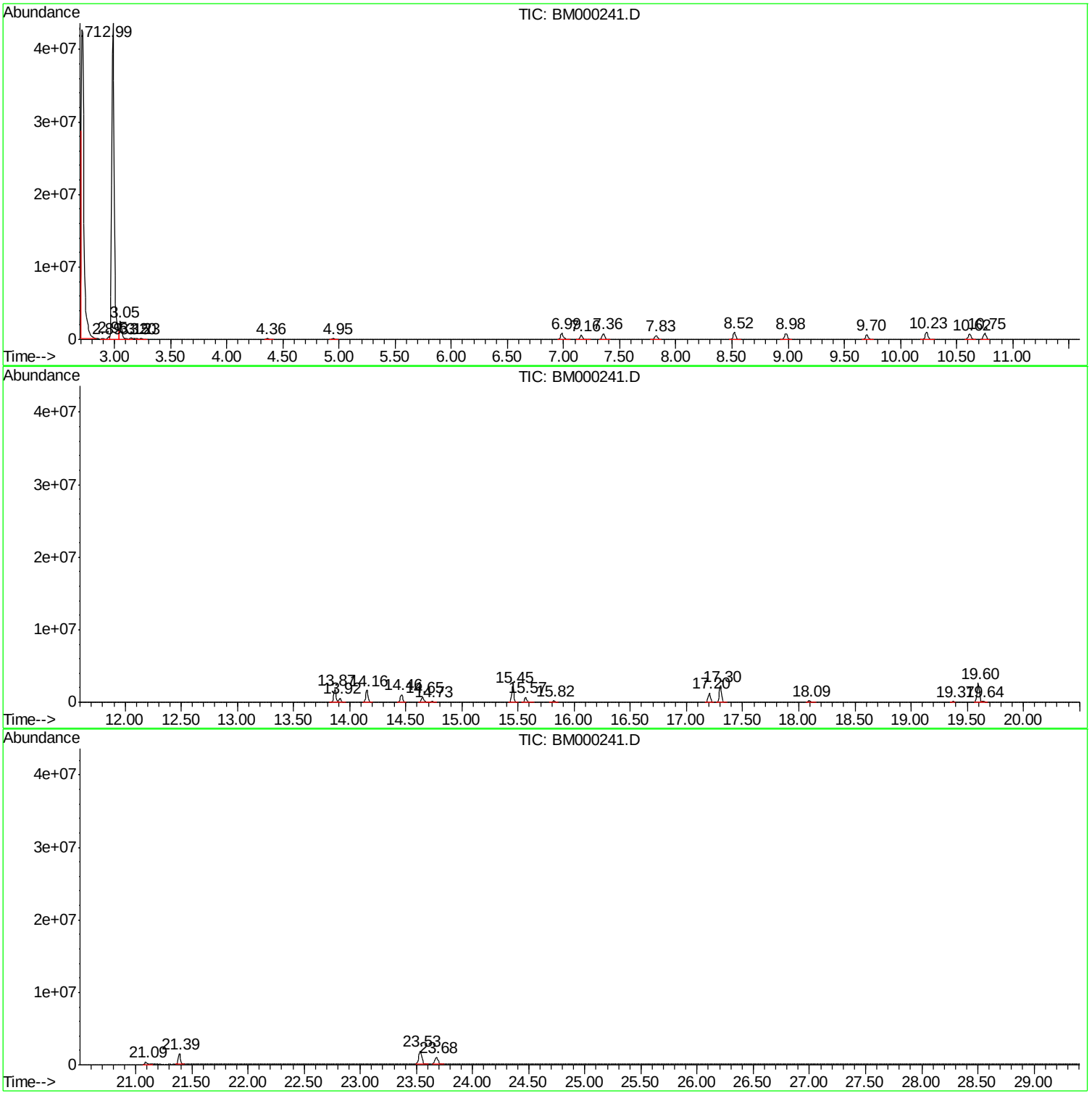
Sum of corrected areas: 170861614

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

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 : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

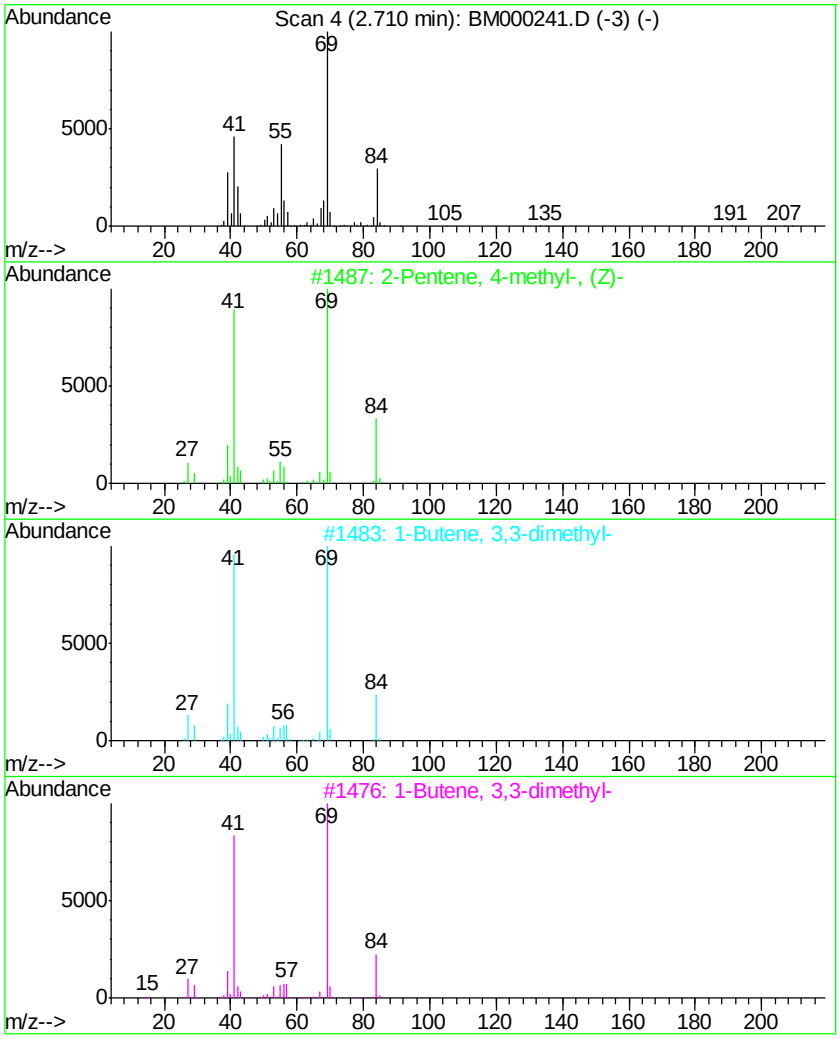
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

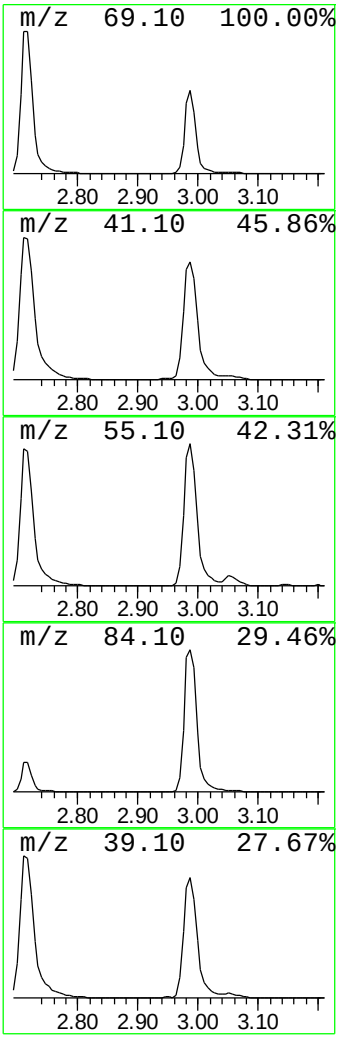
****

Peak Number 1 (DEL) Alkane: Cyclic Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	1265.23 ng/ul	56753200	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	64
2	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	59
3	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	59
4	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	58
5	2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	47





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

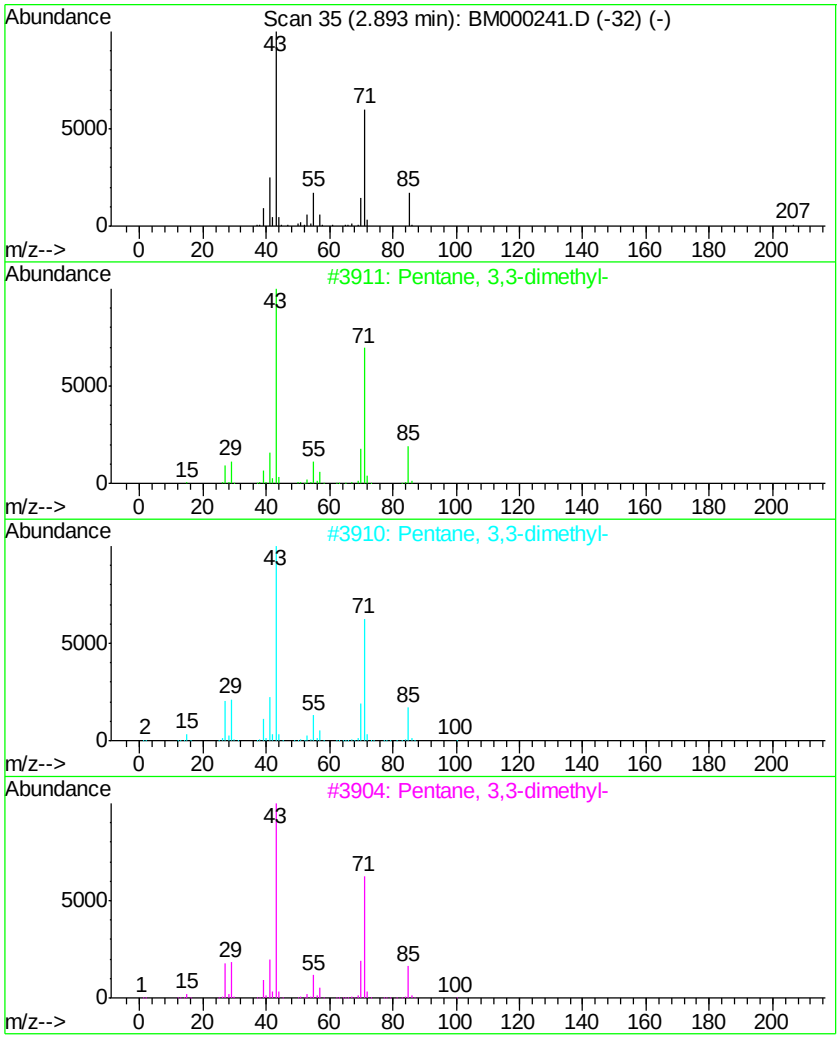
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

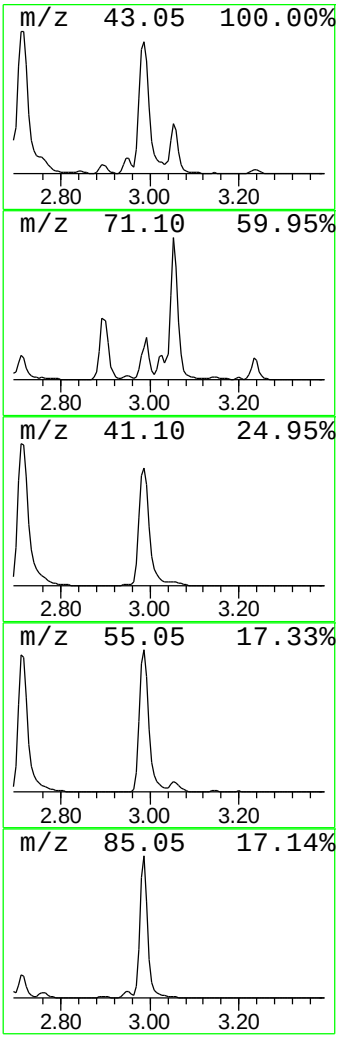
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chain Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	4.21 ng/ul	188764	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	83
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64
4	4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	45
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	42





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

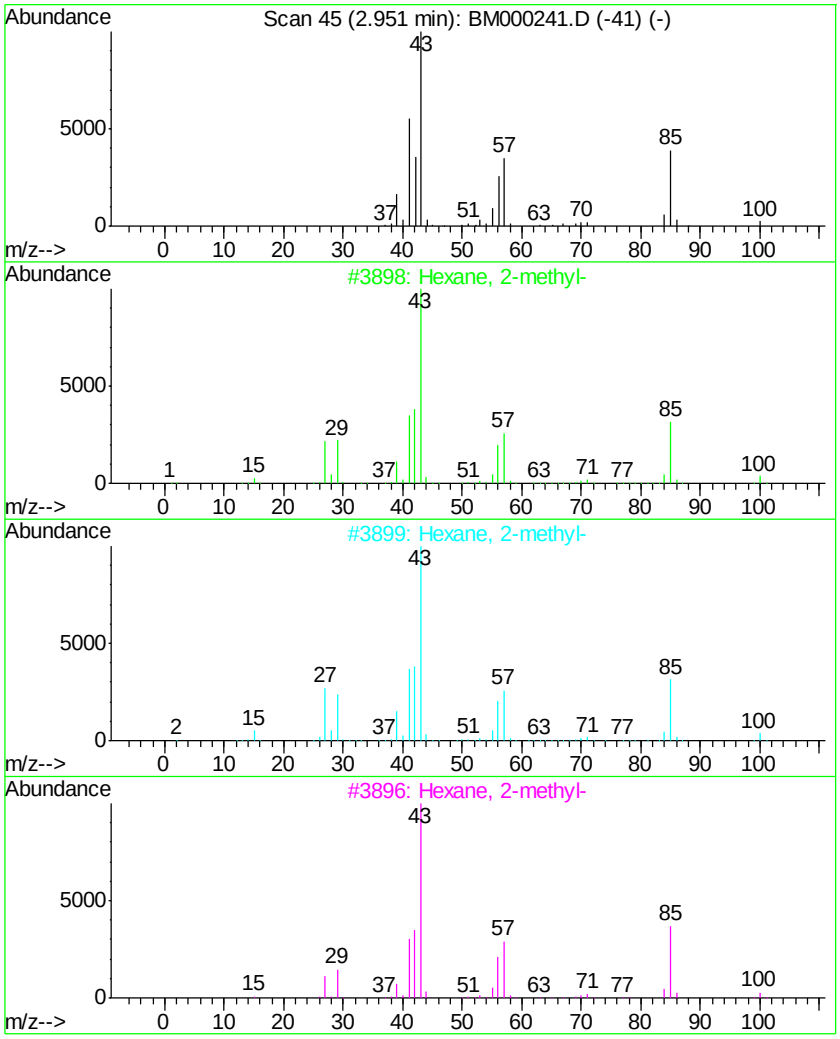
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

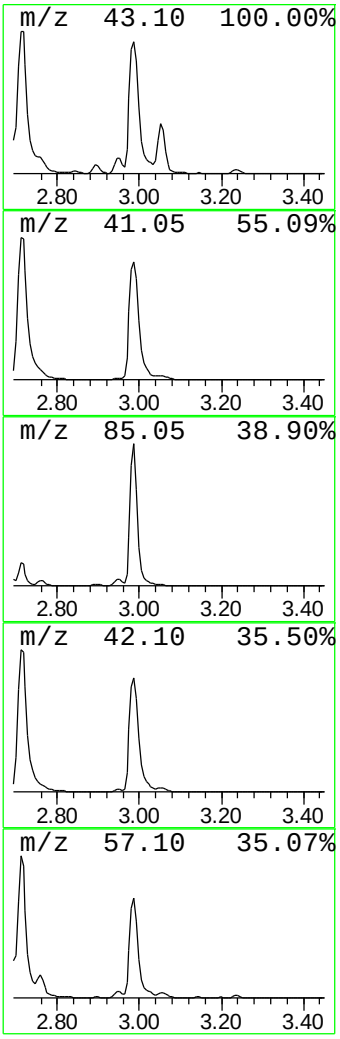
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chain Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	8.79 ng/ul	394087	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
5	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

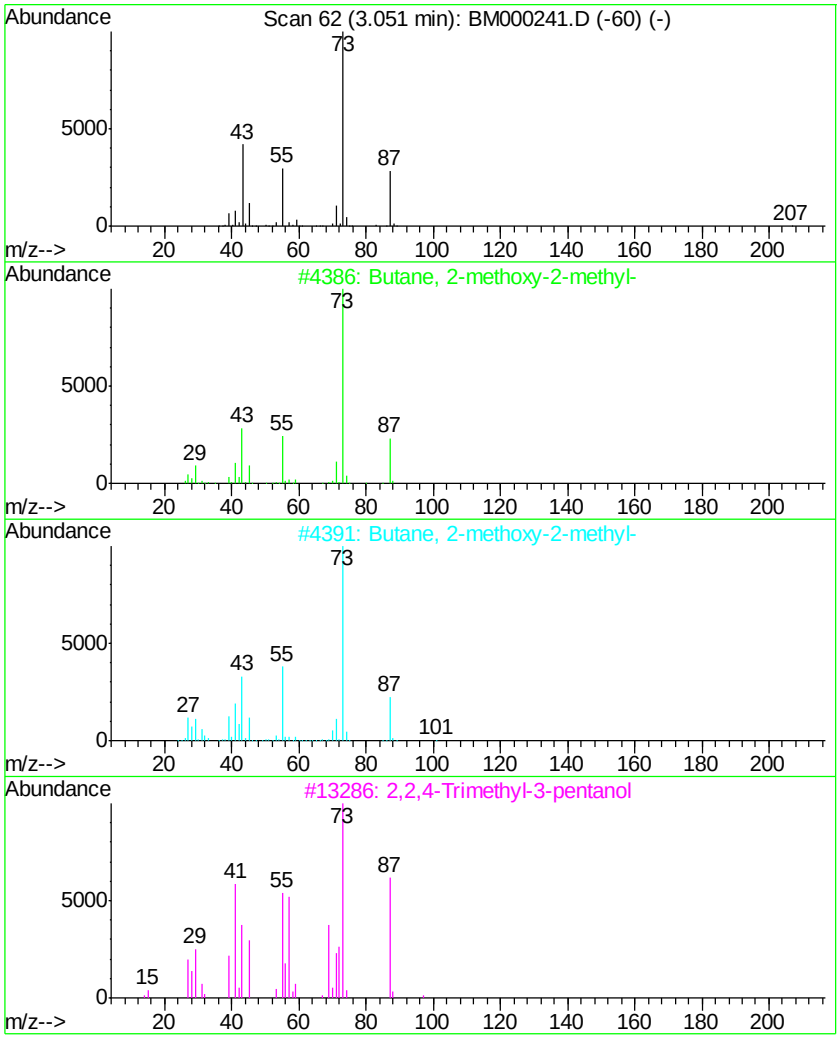
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

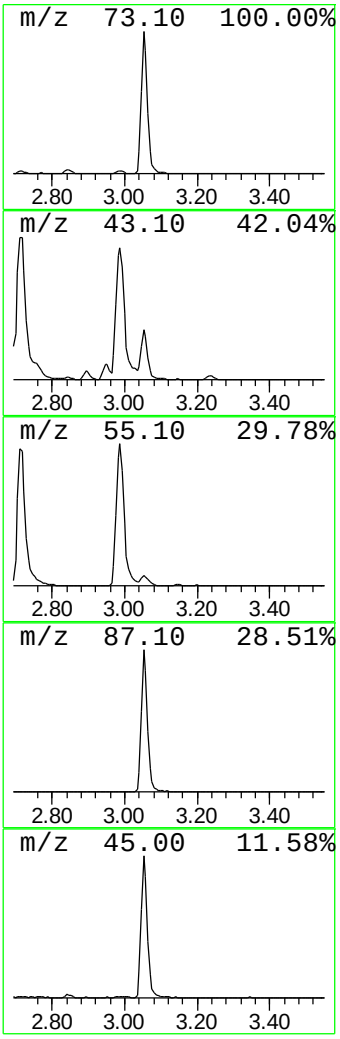
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	80.04 ng/ul	3590160	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	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

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

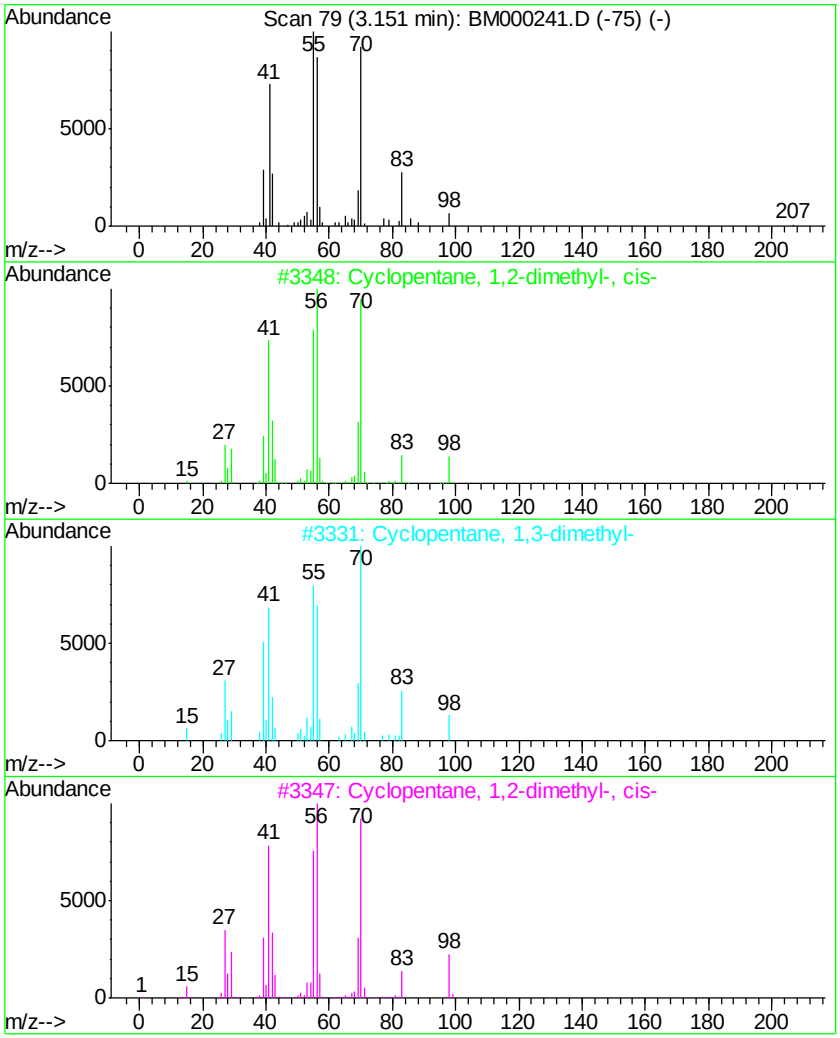
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

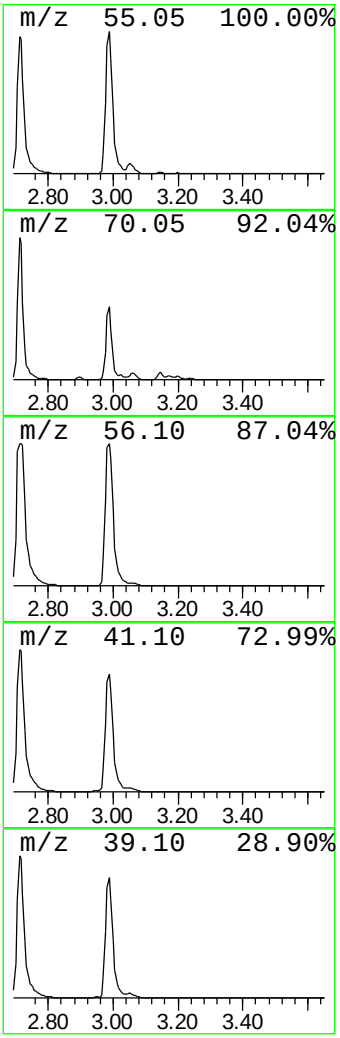
****

Peak Number 6 (DEL) Alkane: Cyclic Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	4.67 ng/ul	209411	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	86
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	72
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	72
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

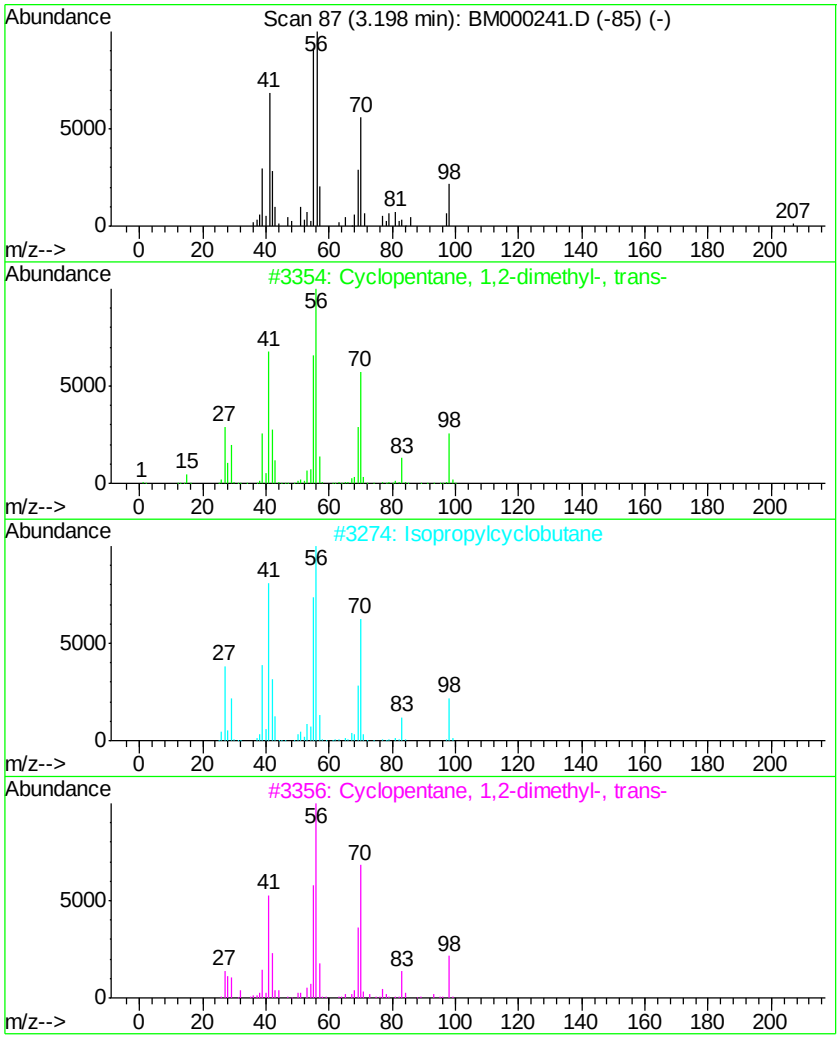
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

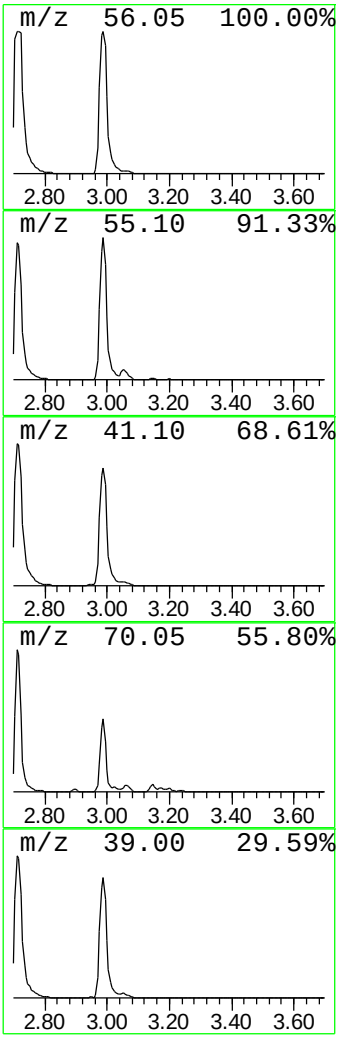
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	2.63 ng/ul	117906	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	72
2	Isopropylcyclobutane	98	C7H14	000872-56-0	72
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	64
4	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	53
5	(Z)-2-Heptene	98	C7H14	006443-92-1	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

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

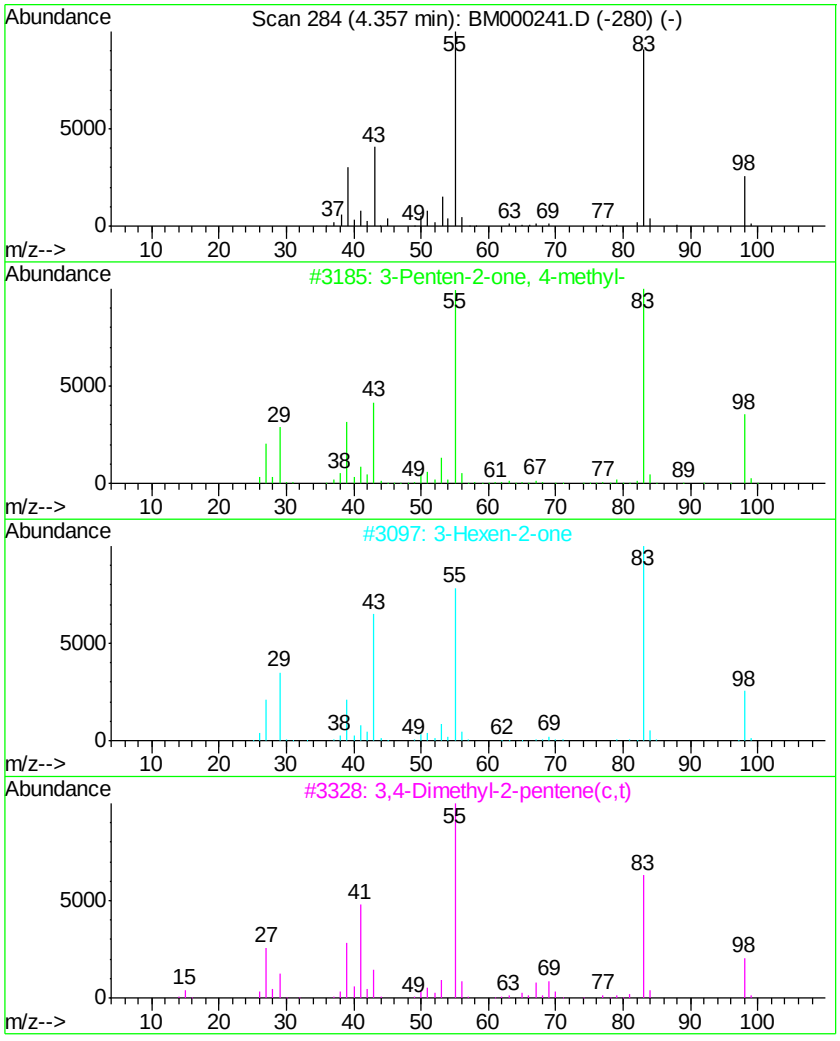
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

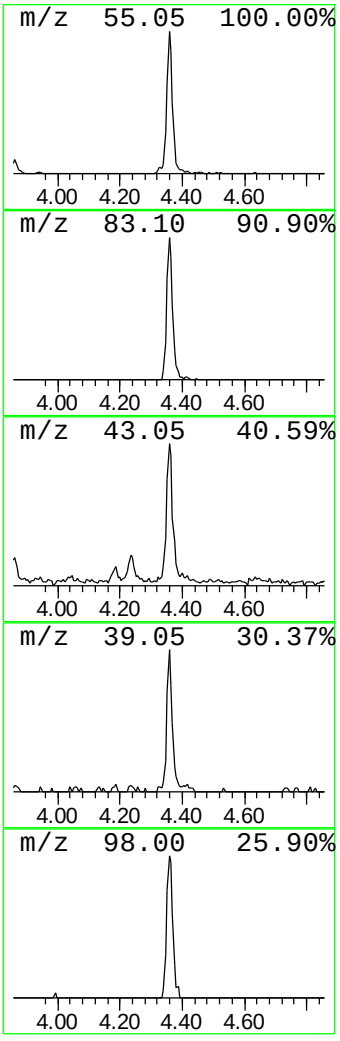
****

Peak Number 9 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.36	4.50 ng/ul	202062	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	78
4	3-Hexen-2-one	98	C6H10O	000763-93-9	72
5	3-Hexen-2-one	98	C6H10O	000763-93-9	64





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Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
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Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

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

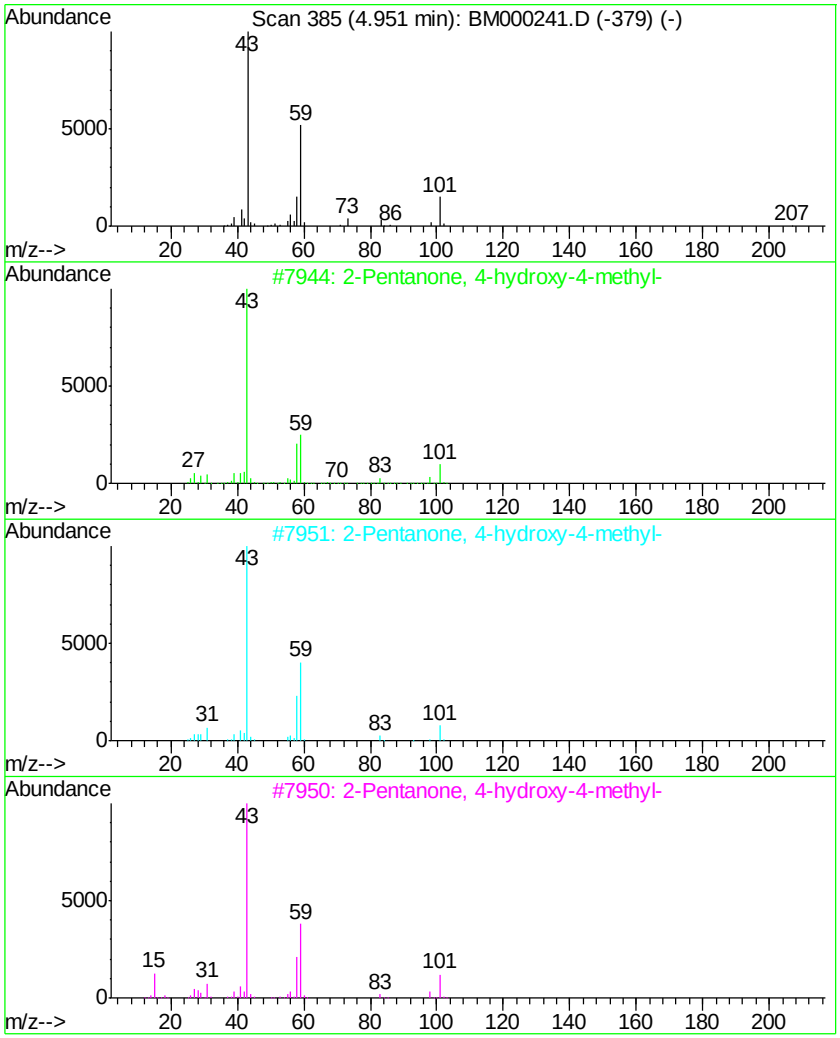
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

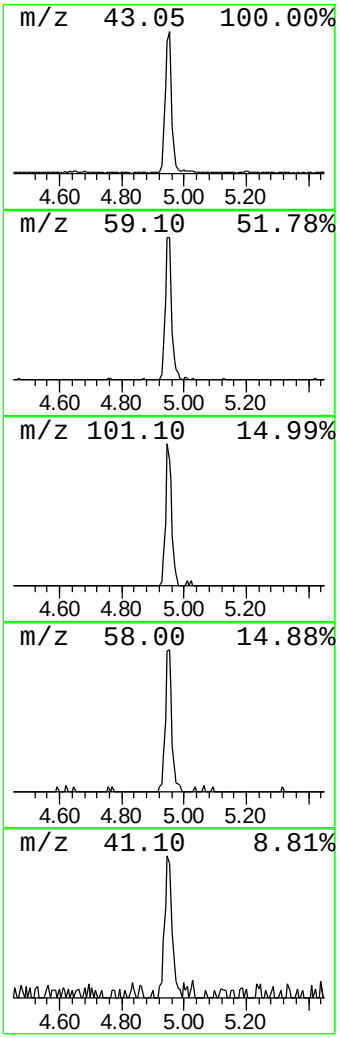
****

Peak Number 10 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	4.85 ng/ul	217756	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	45
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	37
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

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

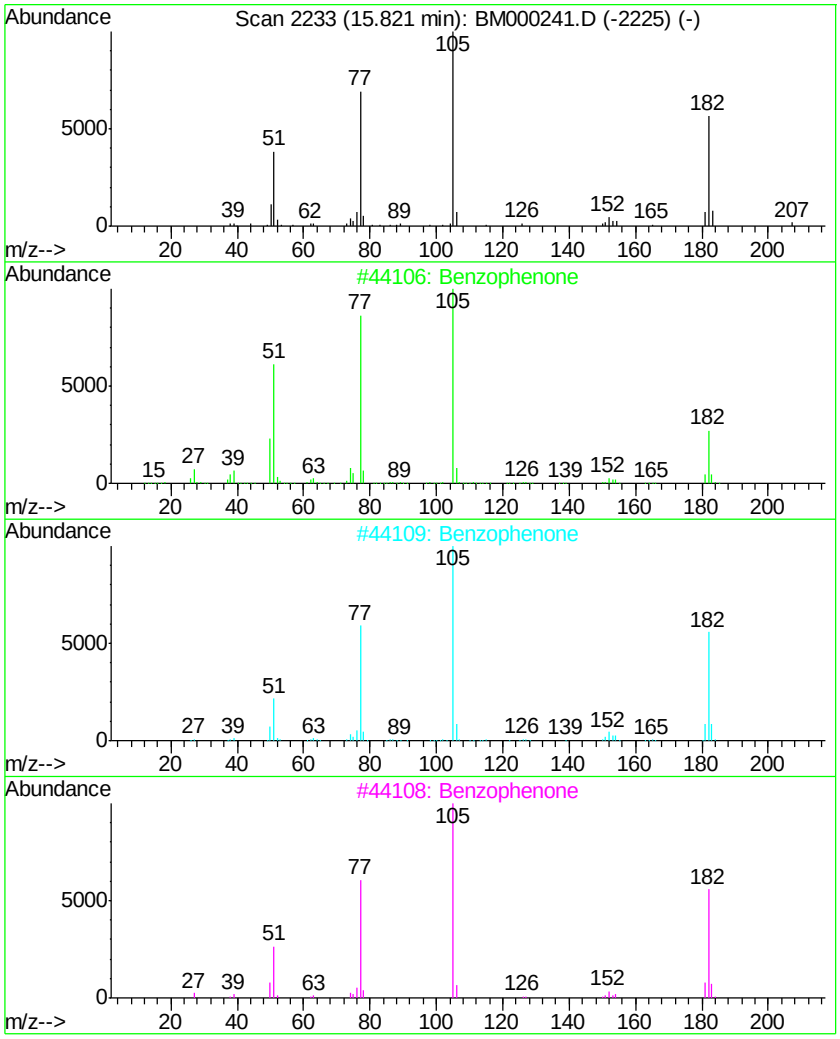
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

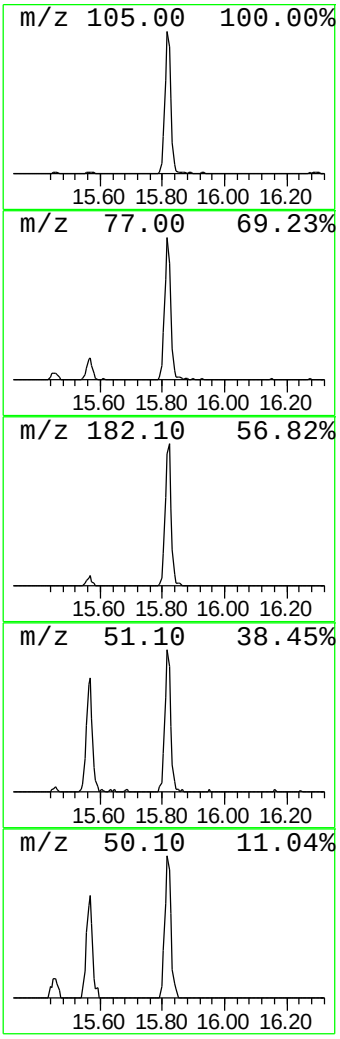
****

Peak Number 11 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	3.80 ng/ul	282431	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	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	94





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Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

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

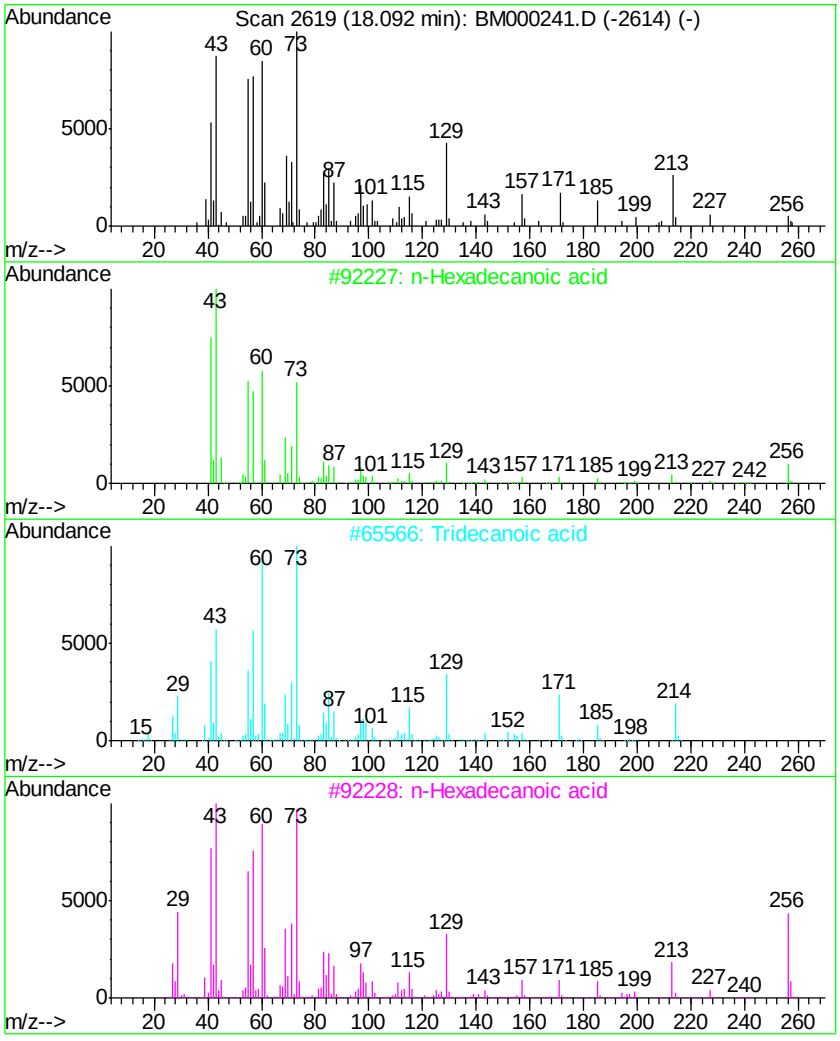
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

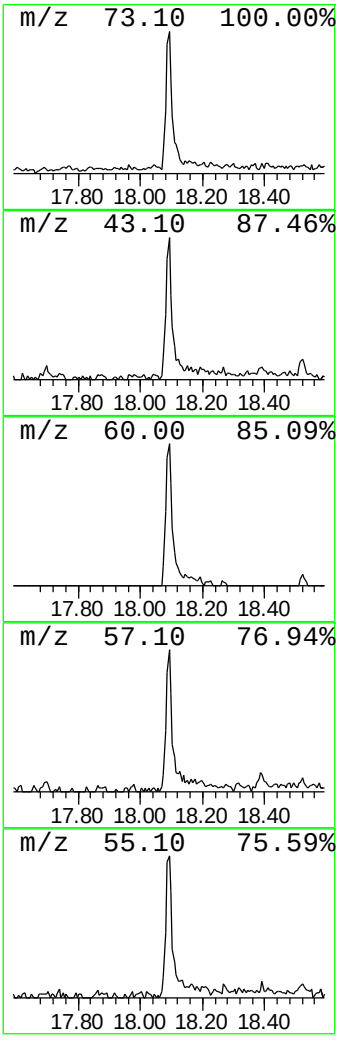
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.45 ng/ul	305444	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

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

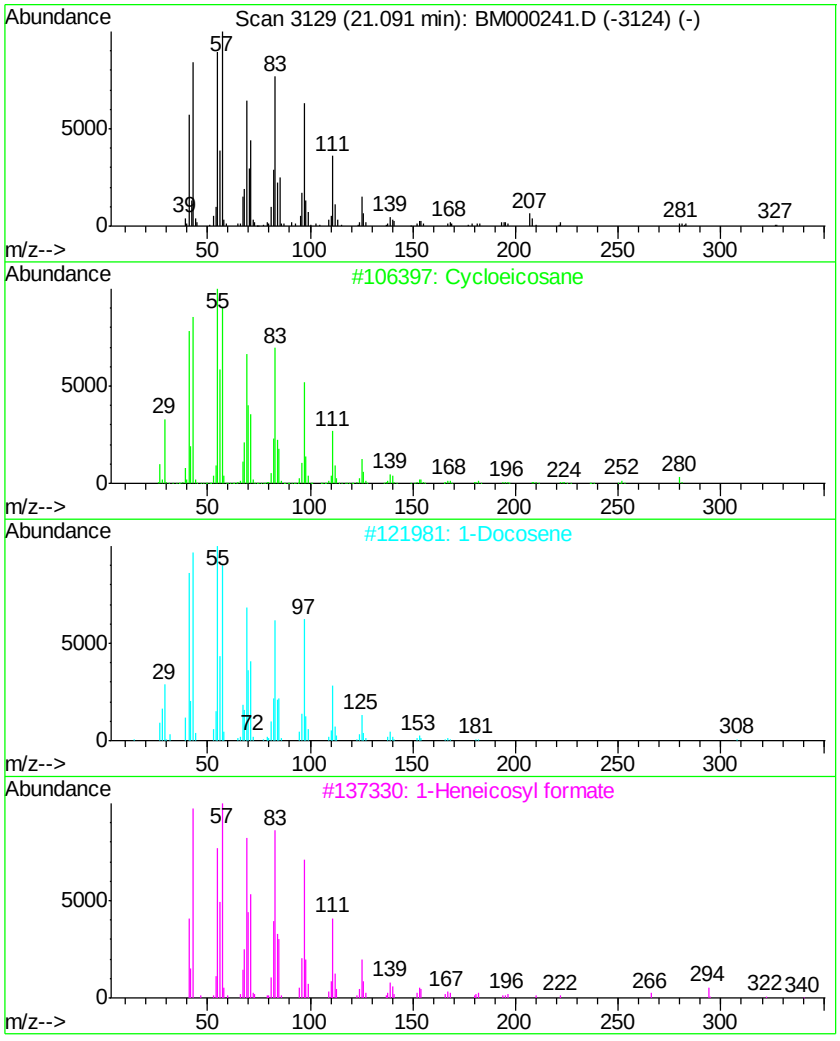
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

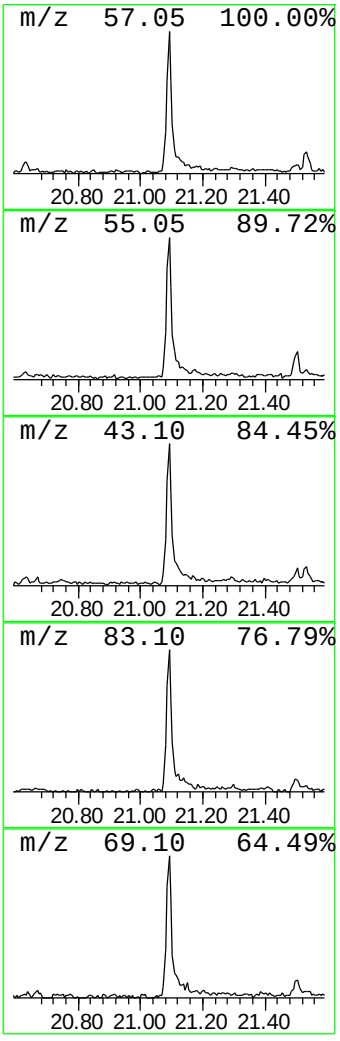
****

Peak Number 13 (DEL) Alkane: Cyclic Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	5.21 ng/ul	505213	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	96
2	1-Docosene	308	C22H44	001599-67-3	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	1-Tricosene	322	C23H46	018835-32-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011615\
Data File : BM000241.D
Acq On : 16 Jan 2015 20:22
Operator : TP/IZ
Sample : G1065-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF0

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
(DEL) Alkane: Cyclic	2.71	1265.2	ng/ul	56753200	1	7.83	897123	20.0
(DEL) Alkane: Str...	2.89	4.2	ng/ul	188764	1	7.83	897123	20.0
(DEL) Alkane: Str...	2.95	8.8	ng/ul	394087	1	7.83	897123	20.0
Butane, 2-methoxy...	3.05	80.0	ng/ul	3590160	1	7.83	897123	20.0
(DEL) Alkane: Cyclic	3.15	4.7	ng/ul	209411	1	7.83	897123	20.0
(DEL) Alkane: Cyclic	3.20	2.6	ng/ul	117906	1	7.83	897123	20.0
3-Penten-2-one, 4...	4.36	4.5	ng/ul	202062	1	7.83	897123	20.0
unknown-01	4.95	4.8	ng/ul	217756	1	7.83	897123	20.0
Benzophenone	15.82	3.8	ng/ul	282431	3	14.46	1486870	20.0
n-Hexadecanoic acid	18.09	3.5	ng/ul	305444	4	17.20	1771620	20.0
(DEL) Alkane: Cyclic	21.09	5.2	ng/ul	505213	5	21.39	1940500	20.0