LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.532	241	246	255	rBV	288269	451130	19.39%	3.326%
2	5.149	345	351	360	rVB	87982	142310	6.12%	1.049%
3	5.619	424	431	442	rBV	420762	704533	30.27%	5.194%
4	7.229	698	705	716	rBV	538857	939964	40.39%	6.930%
5	7.605	762	769	783	rBV	475051	838354	36.02%	6.181%
6	8.081	842	850	862	rVB	142725	264198	11.35%	1.948%
7	8.404	898	905	915	rBV	435025	764234	32.84%	5.634%
8	9.256	1044	1050	1064	rBV	352812	652050	28.02%	4.807%
9	10.901	1323	1330	1341	rBV	167914	314501	13.51%	2.319%
10	13.334	1738	1744	1757	rBV	993785	1541139	66.22%	11.362%
11	14.162	1879	1885	1897	rBV	46206	81544	3.50%	0.601%
12	14.714	1972	1979	1988	rBV3	288012	476333	20.47%	3.512%
13	16.201	2226	2232	2245	rBV	472553	787974	33.86%	5.809%
14	16.377	2258	2262	2272	rVB4	17586	31233	1.34%	0.230%
15	17.464	2440	2447	2459	rBV	384252	613945	26.38%	4.526%
16	17.905	2518	2522	2527	rBV2	29634	36281	1.56%	0.267%
17	18.316	2586	2592	2596	rBV7	14765	26302	1.13%	0.194%
18	18.598	2635	2640	2643	rBV	52379	61838	2.66%	0.456%
19	19.227	2743	2747	2752	rBV	60851	75093	3.23%	0.554%
20	19.797	2840	2844	2848	rVB	51541	59176	2.54%	0.436%
21	20.055	2883	2888	2894	rBV	1743466	2327170	100.00%	17.157%
22	20.326	2929	2934	2940	rVB2	38451	49972	2.15%	0.368%
23	21.330	3100	3105	3116	rBV4	105515	214150	9.20%	1.579%
24	21.736	3168	3174	3184	rBV2	403203	693819	29.81%	5.115%
25	21.877	3194	3198	3203	rVB3	23678	34563	1.49%	0.255%
26	21.935	3204	3208	3214	rVB2	33060	55112	2.37%	0.406%
27	22.006	3215	3220	3225	rBV2	47758	76457	3.29%	0.564%
28	22.494	3298	3303	3308	rBV2	39356	63319	2.72%	0.467%
29	23.199	3417	3423	3431	rVB2	58923	108675	4.67%	0.801%
30	24.015	3554	3562	3568	rBV3	59199	133286	5.73%	0.983%
31	24.979	3719	3726	3730	rBV2	49187	120088	5.16%	0.885%
32	25.049	3730	3738	3753	rVB2	227220	662462	28.47%	4.884%
33	26.136	3915	3923	3933	rVB4	34912	102989	4.43%	0.759%
34	27.511	4150	4157	4170	rVB10	17393	59474	2.56%	0.438%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

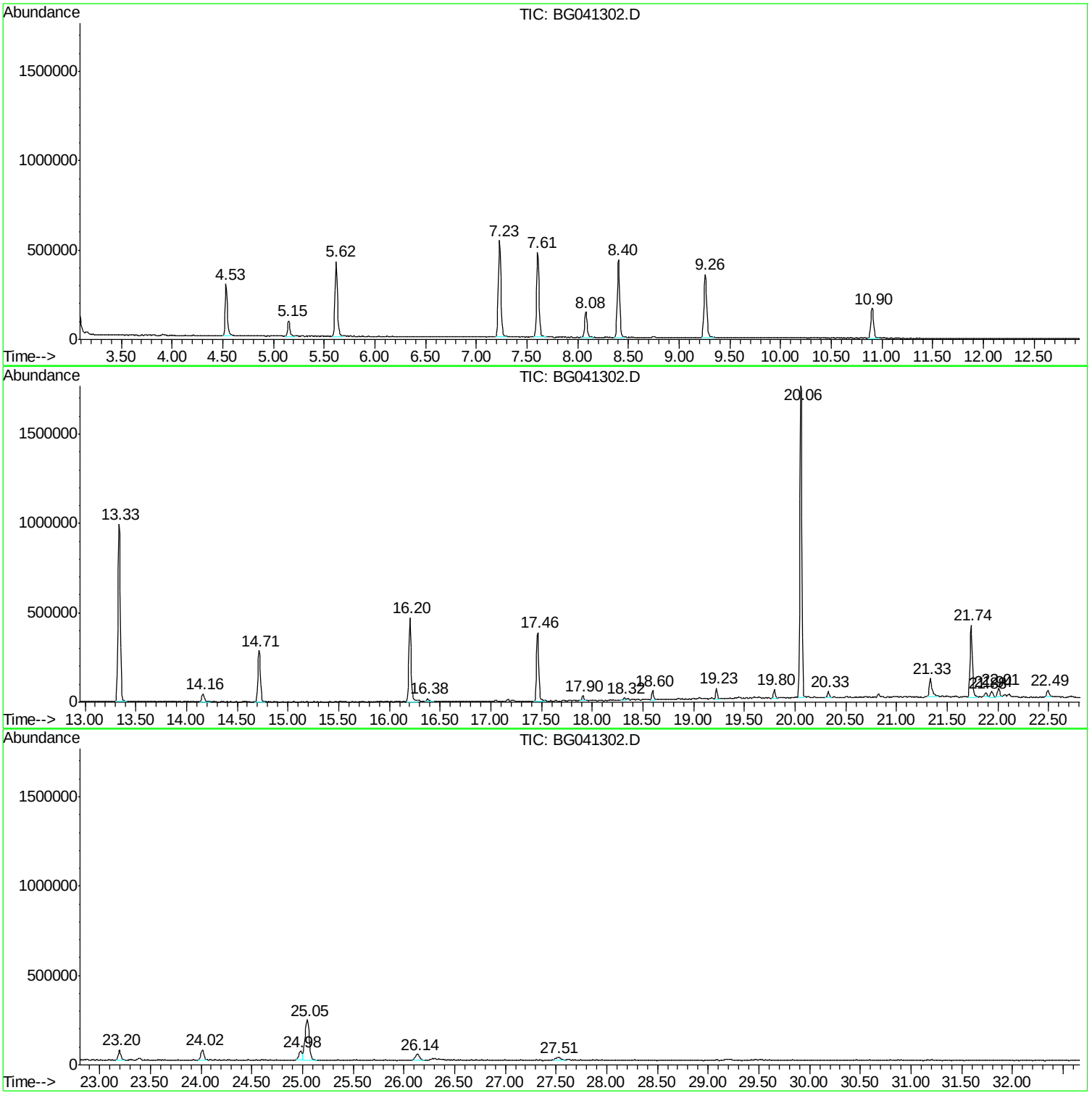
Sum of corrected areas: 13563668

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

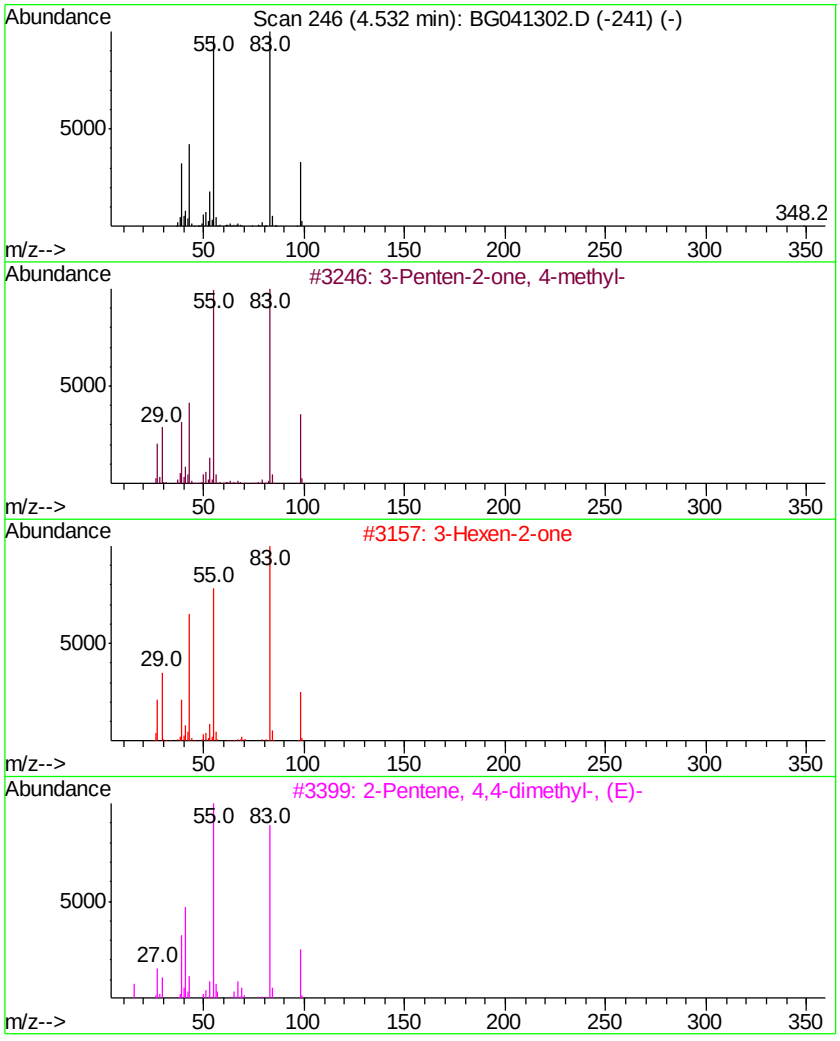
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

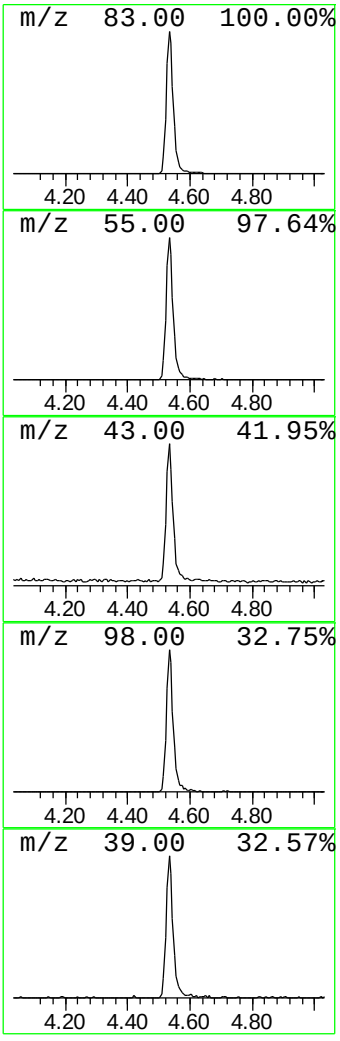
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	34.15 ng	451130	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

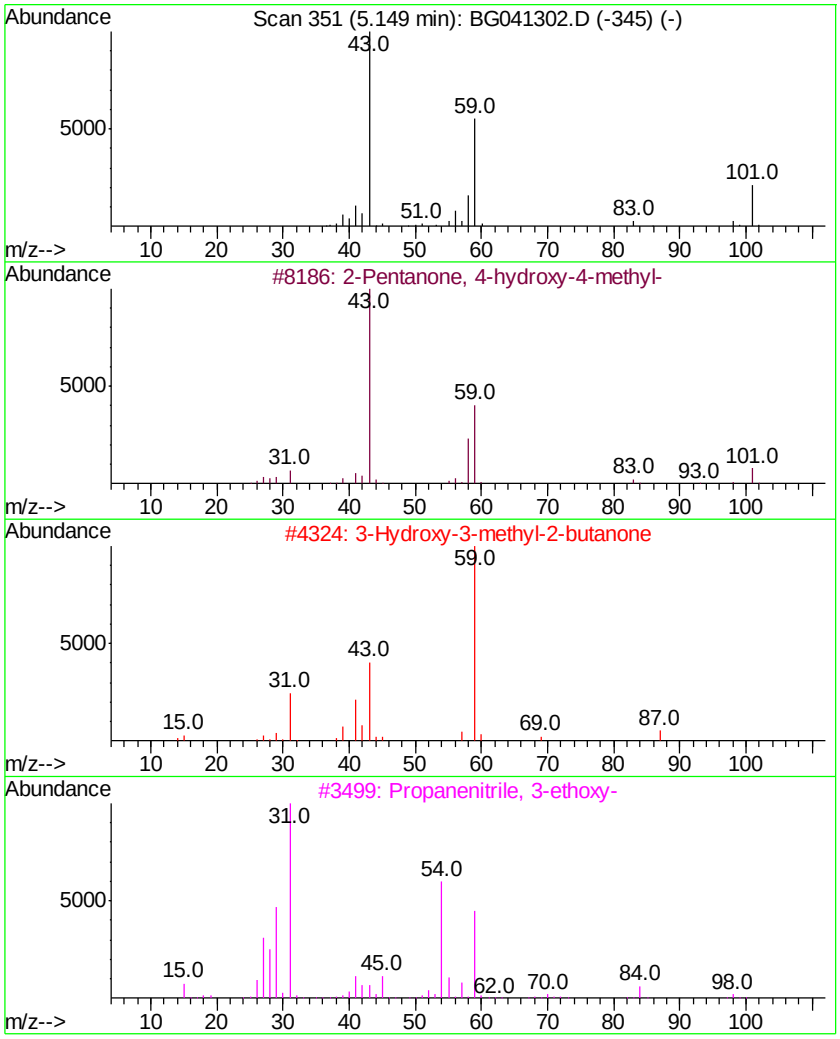
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

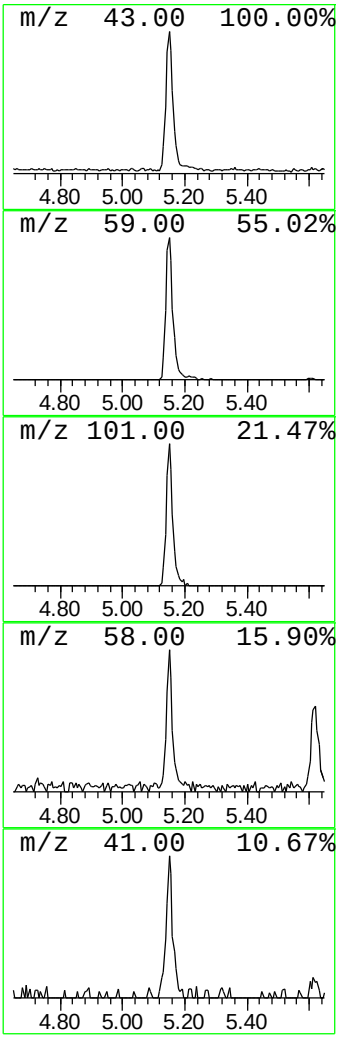
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	10.77 ng	142310	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
3	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

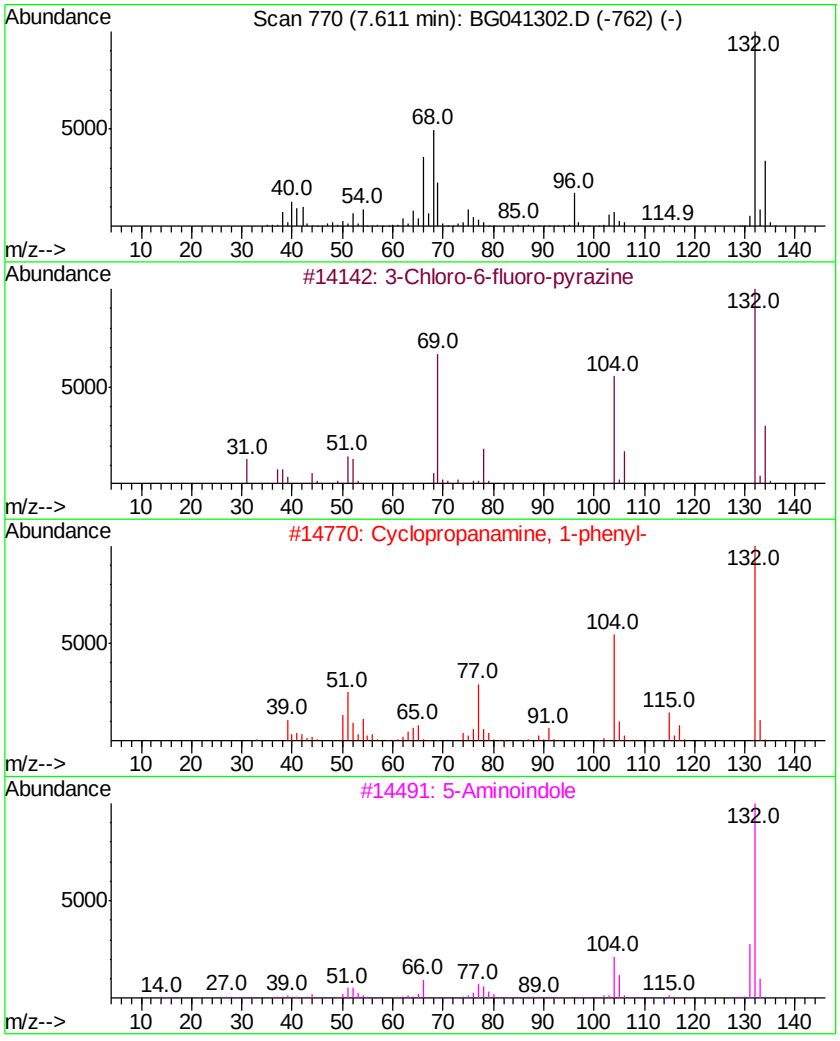
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

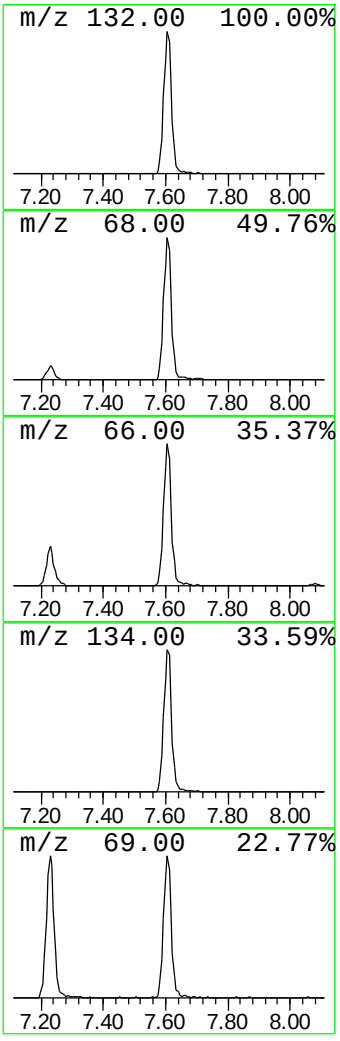
****

Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	63.46 ng	838354	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

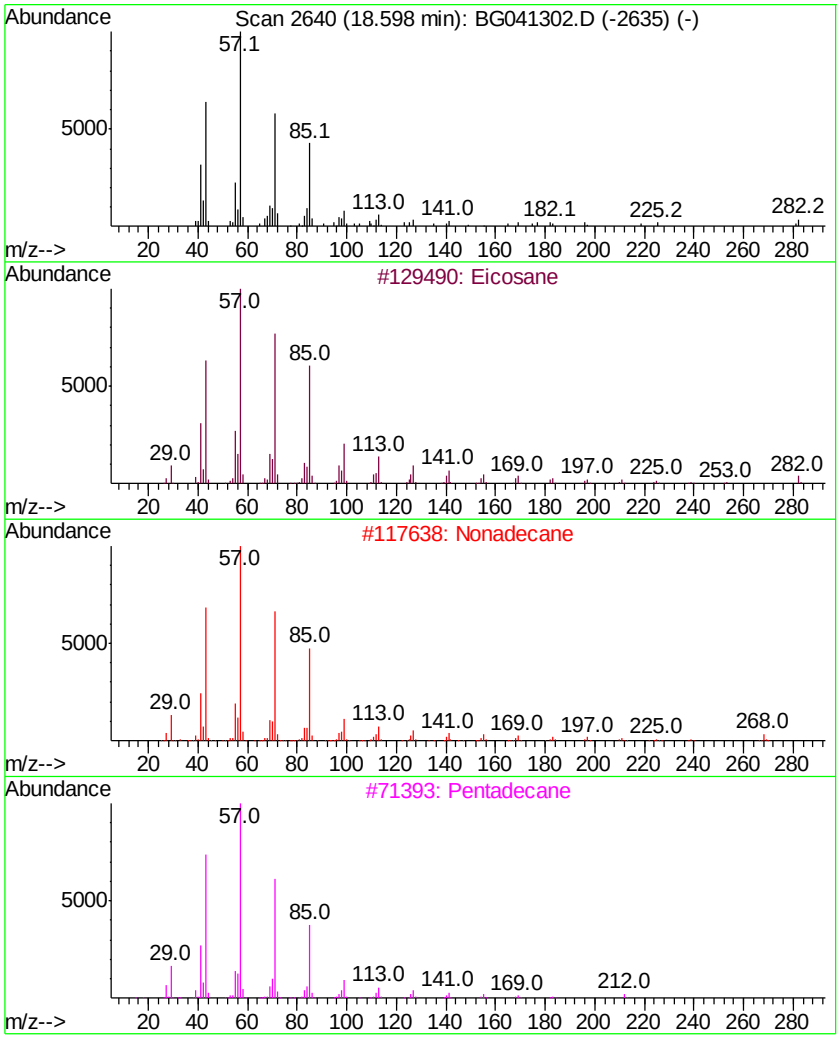
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

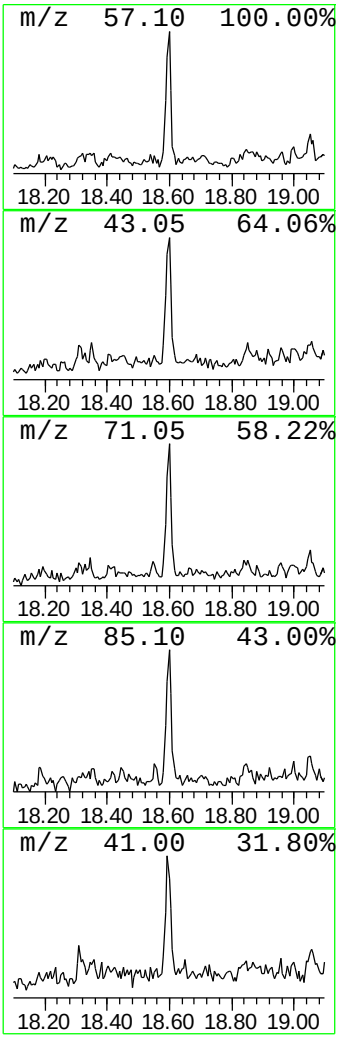
****

Peak Number 5 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.01 ng	61838	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

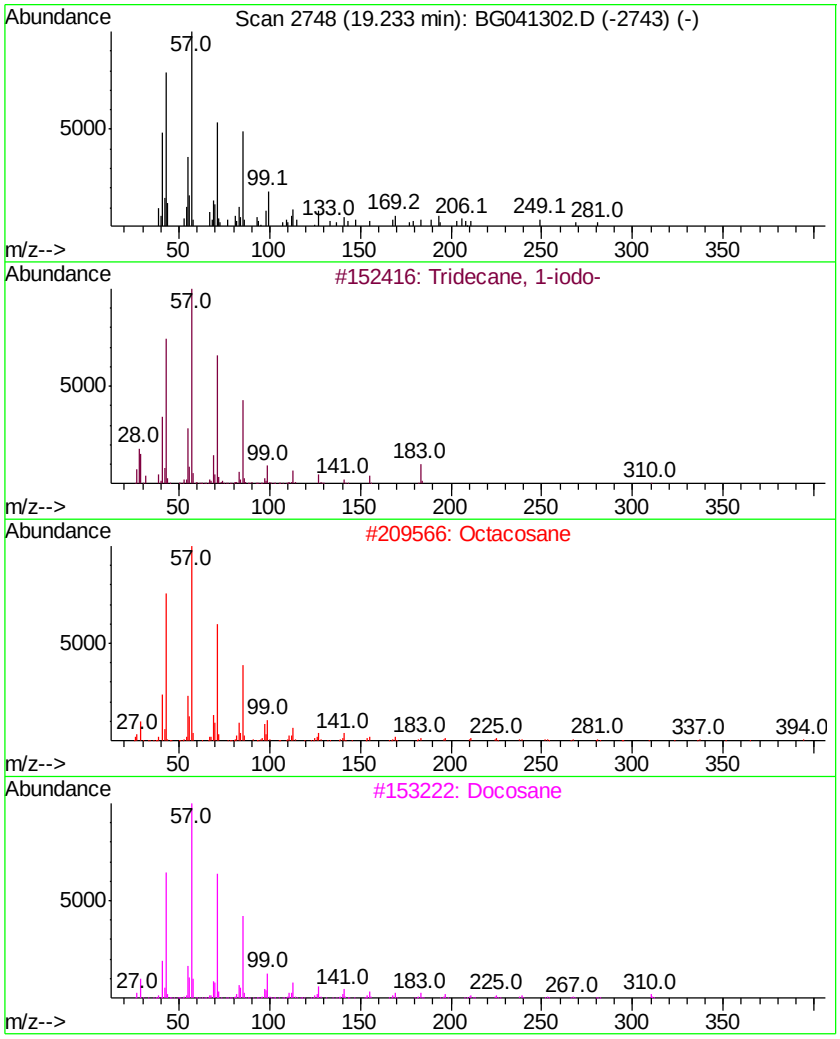
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

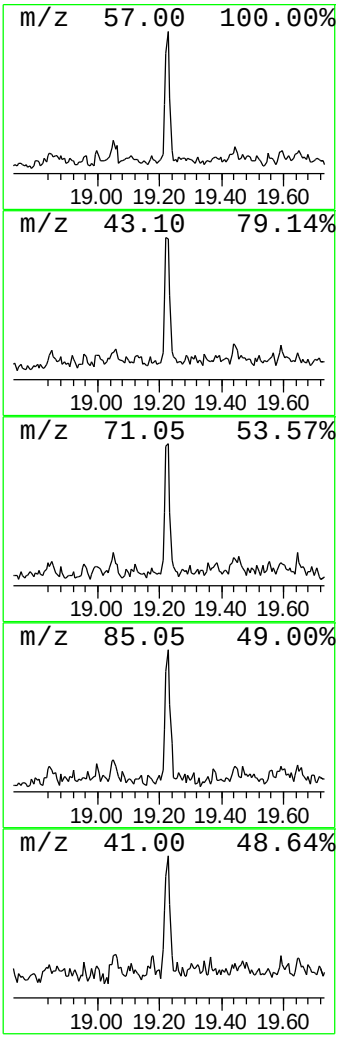
****

Peak Number 6 Tridecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.45 ng	75093	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
2	Octacosane	394	C28H58	000630-02-4	83
3	Docosane	310	C22H46	000629-97-0	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

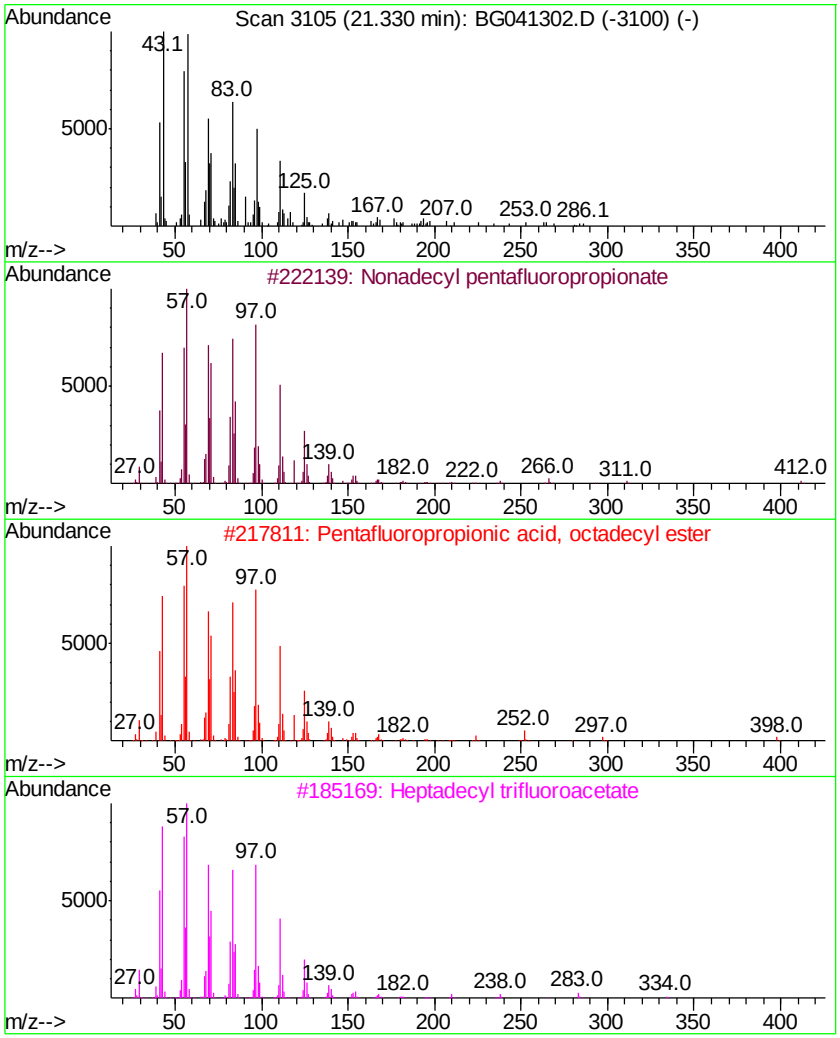
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

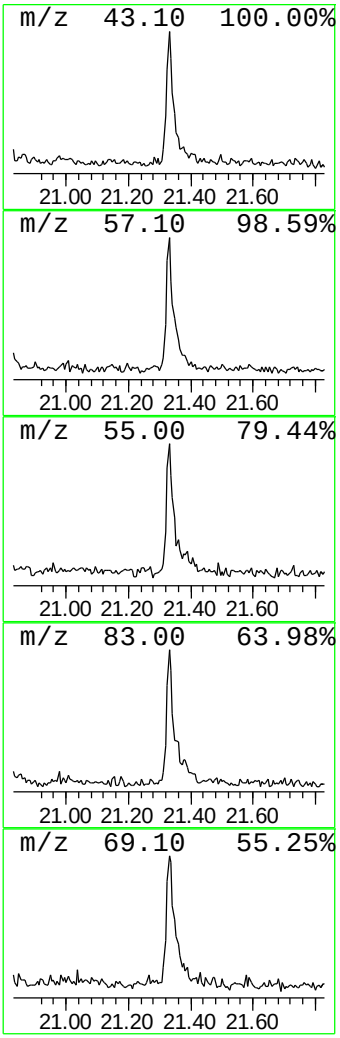
****

Peak Number 7 Nonadecyl pentafluoropropio... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	6.17 ng	214150	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

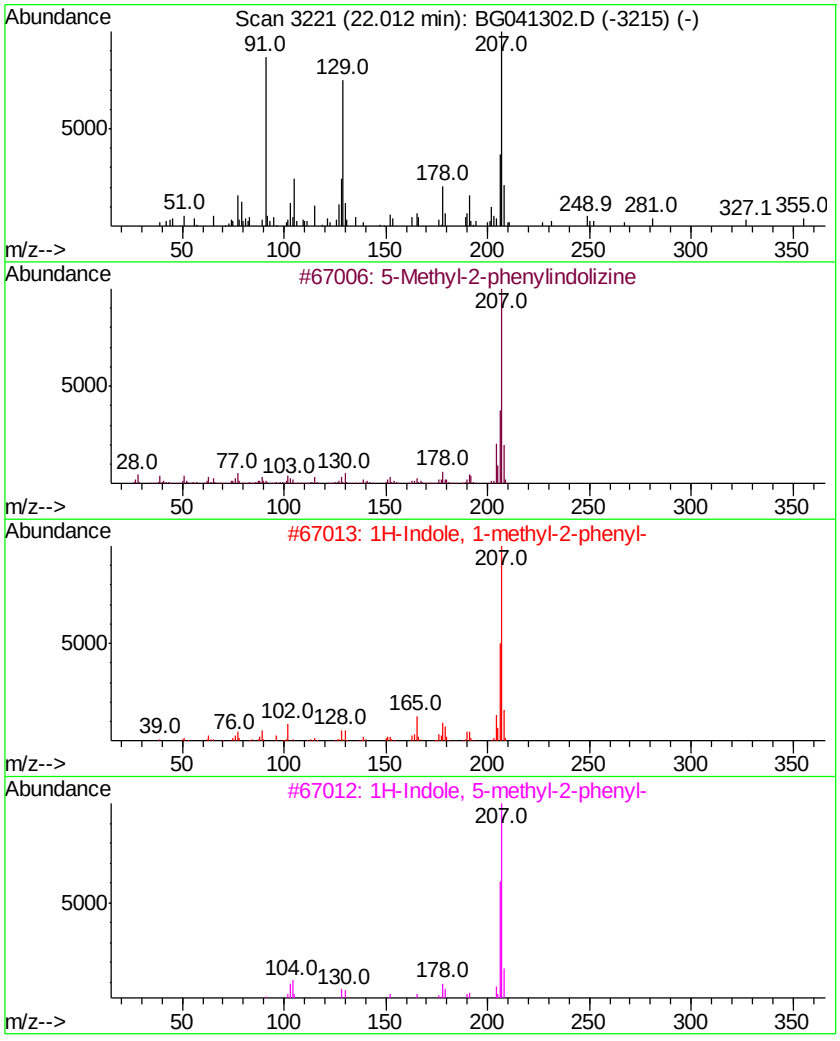
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

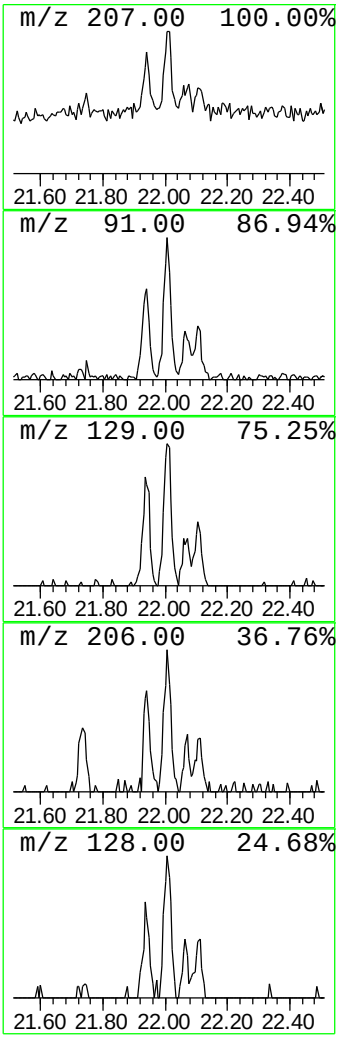
****

Peak Number 8 5-Methyl-2-phenylindolizine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	2.20 ng	76457	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	60
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	60
3	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	60
4	1H-Indole, 6-methyl-2-phenyl-	207	C15H13N	066354-87-8	49
5	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

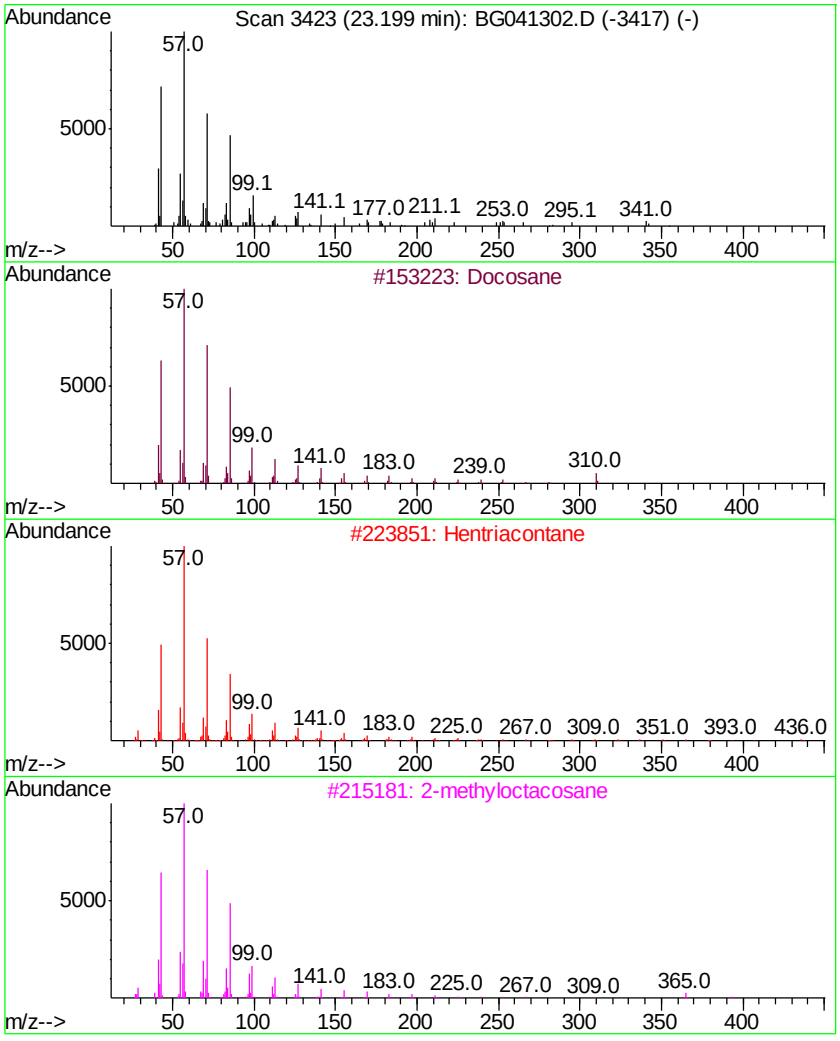
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

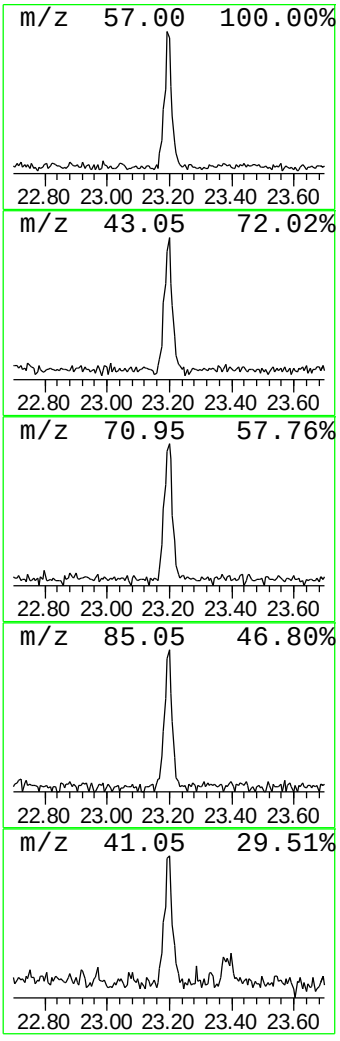
****

Peak Number 9 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	3.13 ng	108675	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	83
2	Hentriacontane	437	C31H64	000630-04-6	80
3	2-methyloctacosane	408	C29H60	1000376-72-8	80
4	Tetracosane	338	C24H50	000646-31-1	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

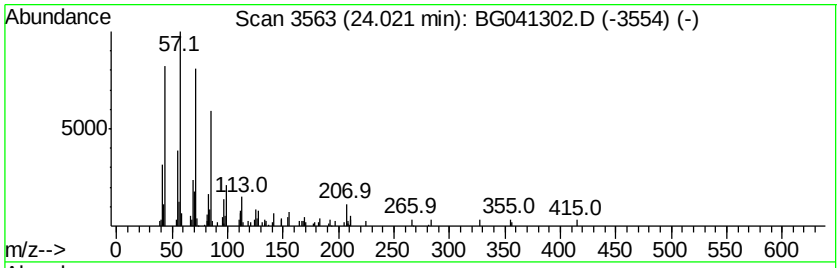
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

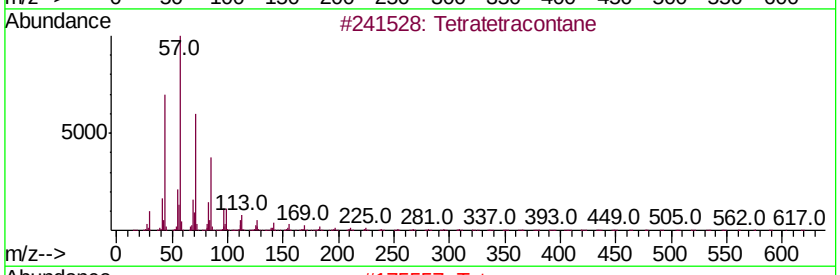
****

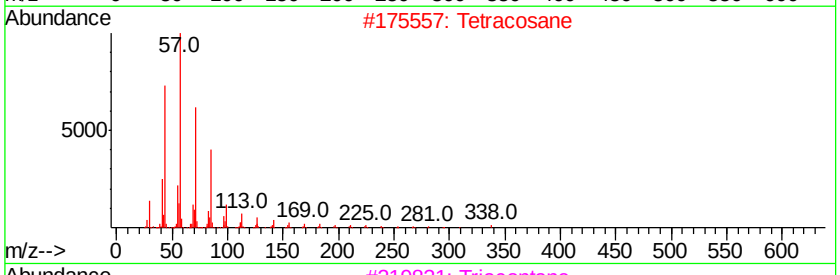
Peak Number 10 Tetratetracontane Concentration Rank 6

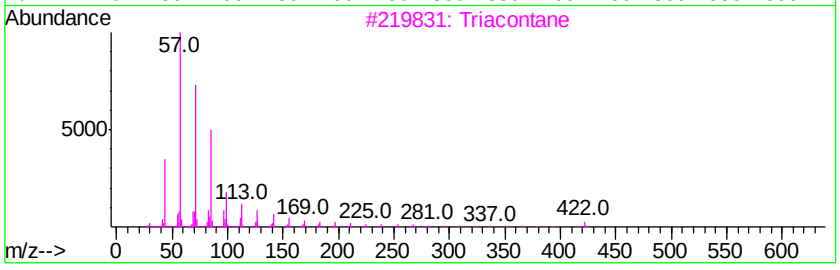
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	4.02 ng	133286	Perylene-d12	25.05

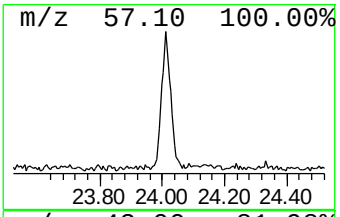
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Tetracosane	338	C24H50	000646-31-1	86
3	Triacontane	422	C30H62	000638-68-6	86
4	Hexacosane	366	C26H54	000630-01-3	83
5	Nonadecane	268	C19H40	000629-92-5	74

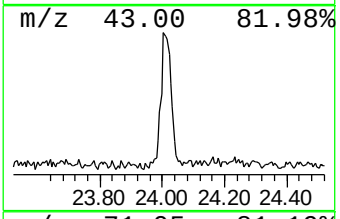


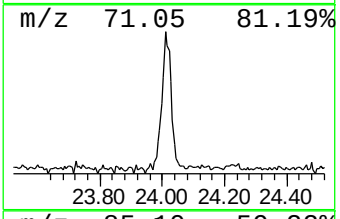


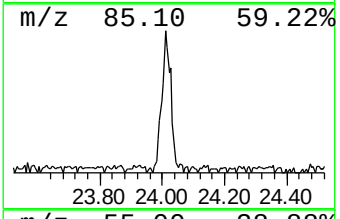


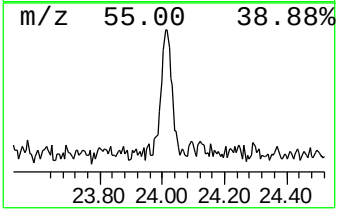












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

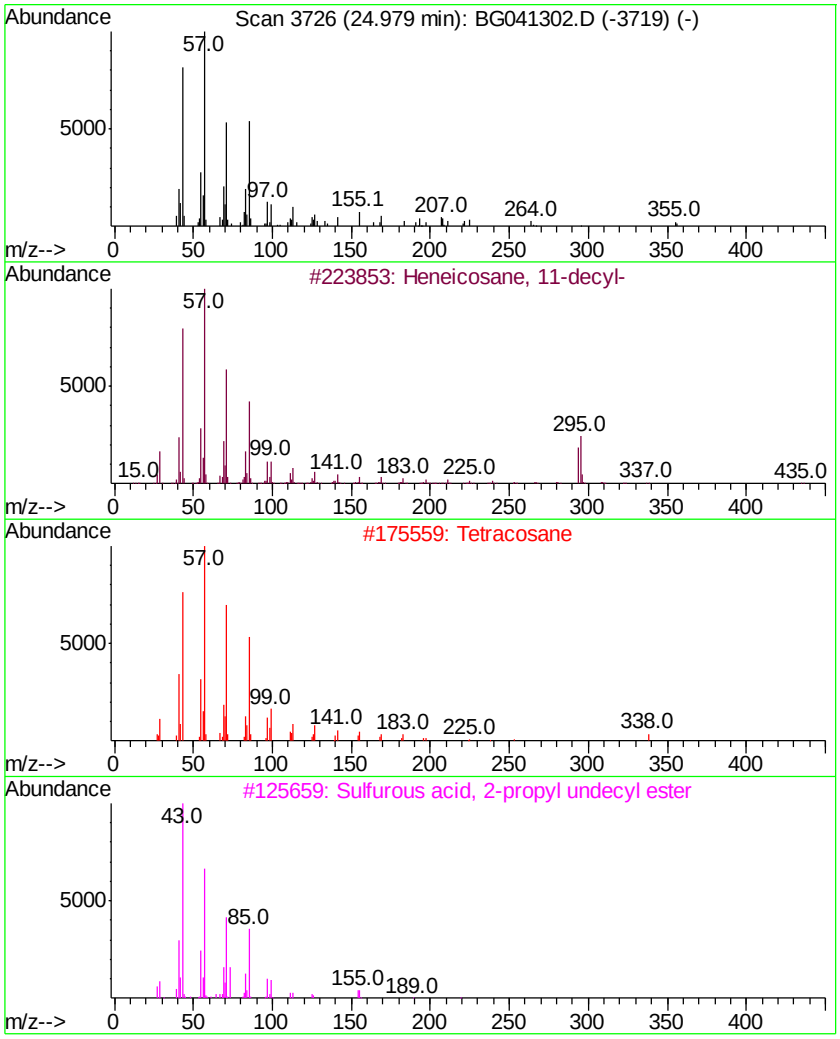
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

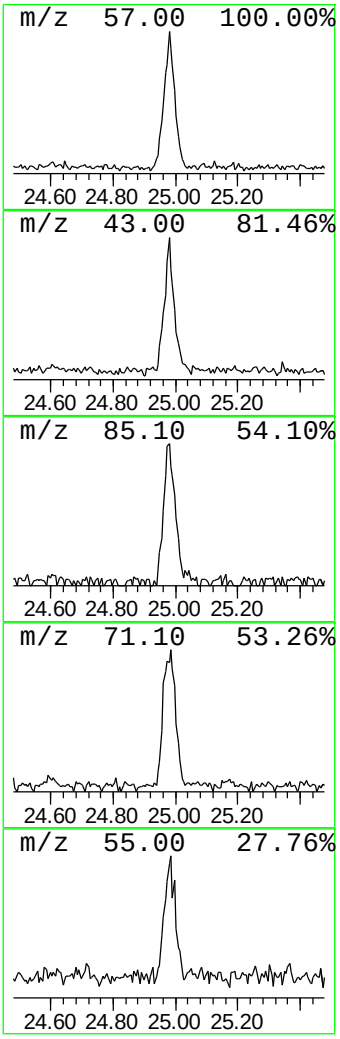
****

Peak Number 11 Heneicosane, 11-decyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	3.63 ng	120088	Perylene-d12	25.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	87
4	Hexacosane	366	C26H54	000630-01-3	83
5	Docosane, 7-butyl-	366	C26H54	055282-15-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

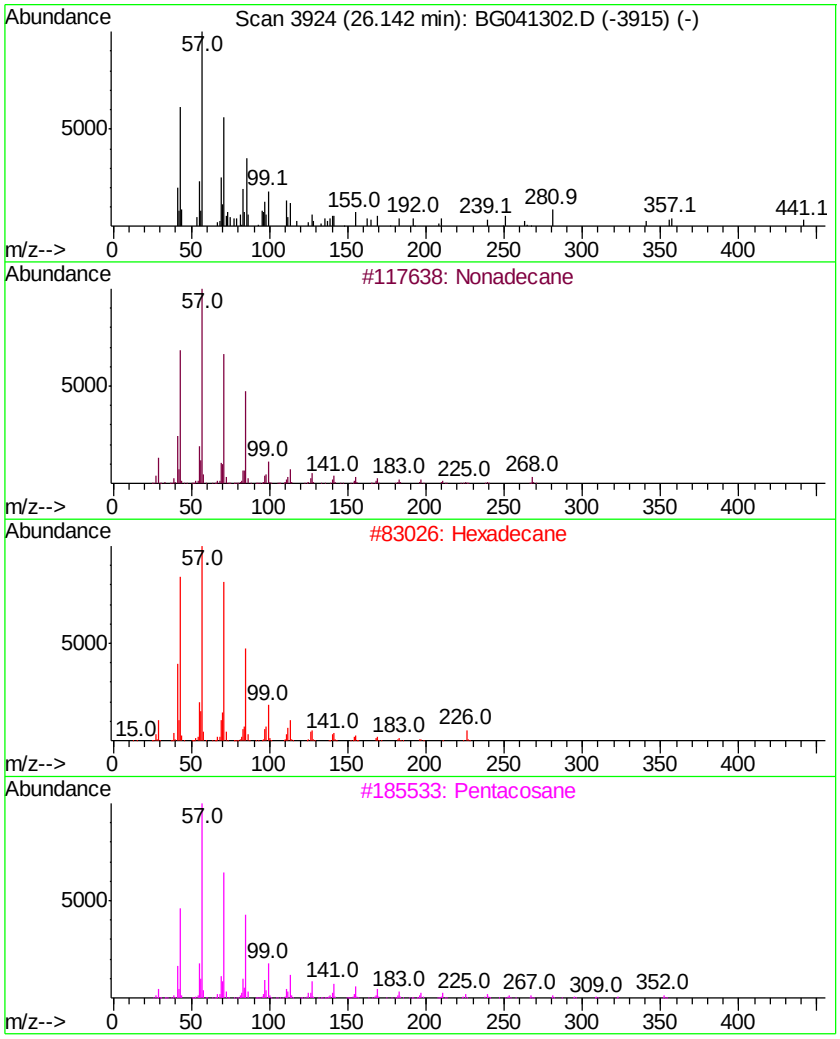
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

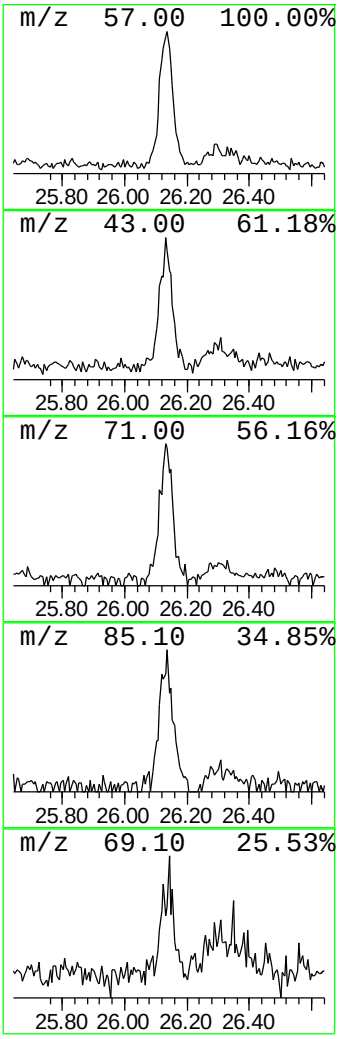
****

Peak Number 12 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.14	3.11 ng	102989	Perylene-d12	25.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Hexadecane	226	C16H34	000544-76-3	58
3	Pentacosane	352	C25H52	000629-99-2	58
4	Tetracosane	338	C24H50	000646-31-1	58
5	Octacosane	394	C28H58	000630-02-4	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061819\
Data File : BG041302.D
Acq On : 18 Jun 2019 18:06
Operator : HP/JU
Sample : K3382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.53	34.1	ng	451130	1	8.08	264198	20.0
2-Pentanone, 4-hy...	5.15	10.8	ng	142310	1	8.08	264198	20.0
unknown7.61	7.61	63.5	ng	838354	1	8.08	264198	20.0
Eicosane	18.60	2.0	ng	61838	4	17.46	613945	20.0
Tridecane, 1-iodo-	19.23	2.5	ng	75093	4	17.46	613945	20.0
Nonadecyl pentafl...	21.33	6.2	ng	214150	5	21.74	693819	20.0
5-Methyl-2-phenyl...	22.01	2.2	ng	76457	5	21.74	693819	20.0
Docosane	23.20	3.1	ng	108675	5	21.74	693819	20.0
Tetratetracontane	24.02	4.0	ng	133286	6	25.05	662462	20.0
Heneicosane, 11-d...	24.98	3.6	ng	120088	6	25.05	662462	20.0
Nonadecane	26.14	3.1	ng	102989	6	25.05	662462	20.0