LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041759.D
Acq On : 23 Jul 2019 17:11
Operator : HP/JU
Sample : K3901-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONTAINMENT-WATER

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-BG071519.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	3.197	13	18	32	rVB	1030556	1898973	27.93%	5.560%
2	5.606	421	428	441	rVB	695055	1136888	16.72%	3.328%
3	7.193	691	698	708	rBV	445862	758312	11.15%	2.220%
4	7.574	754	763	774	rBV	1341579	2285166	33.60%	6.690%
5	8.045	835	843	851	rBV	341463	591113	8.69%	1.731%
6	8.368	890	898	908	rBV	1298721	2220270	32.65%	6.500%
7	9.202	1032	1040	1050	rBV	978282	1770048	26.03%	5.182%
8	10.847	1311	1320	1330	rBV	444924	802496	11.80%	2.349%
9	11.488	1422	1429	1440	rVB	62834	126052	1.85%	0.369%
10	13.291	1728	1736	1747	rBV	2717257	4308189	63.35%	12.613%
11	14.102	1869	1874	1879	rBV	107266	163611	2.41%	0.479%
12	14.660	1963	1969	1980	rVB	781137	1185118	17.43%	3.470%
13	16.141	2214	2221	2231	rBV	2238066	3462178	50.91%	10.136%
14	17.398	2428	2435	2443	rBV	912903	1467735	21.58%	4.297%
15	18.285	2582	2586	2594	rBV2	49884	79369	1.17%	0.232%
16	19.490	2786	2791	2796	rBV	163657	206570	3.04%	0.605%
17	19.549	2798	2801	2806	rBV	59133	93148	1.37%	0.273%
18	20.001	2872	2878	2885	rBV	4924532	6800169	100.00%	19.909%
19	21.311	3096	3101	3115	rBV2	100058	270417	3.98%	0.792%
20	21.646	3151	3158	3165	rVB2	1024013	1727418	25.40%	5.057%
21	22.463	3293	3297	3310	rVB3	75456	154520	2.27%	0.452%
22	23.156	3410	3415	3422	rVB	98334	184697	2.72%	0.541%
23	23.967	3548	3553	3560	rVB2	92013	200570	2.95%	0.587%
24	24.837	3690	3701	3709	rBV	653332	1904483	28.01%	5.576%
25	24.913	3711	3714	3725	rVB	86980	187952	2.76%	0.550%
26	26.047	3901	3907	3921	rVB3	59718	170859	2.51%	0.500%

Sum of corrected areas: 34156321

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041759.D
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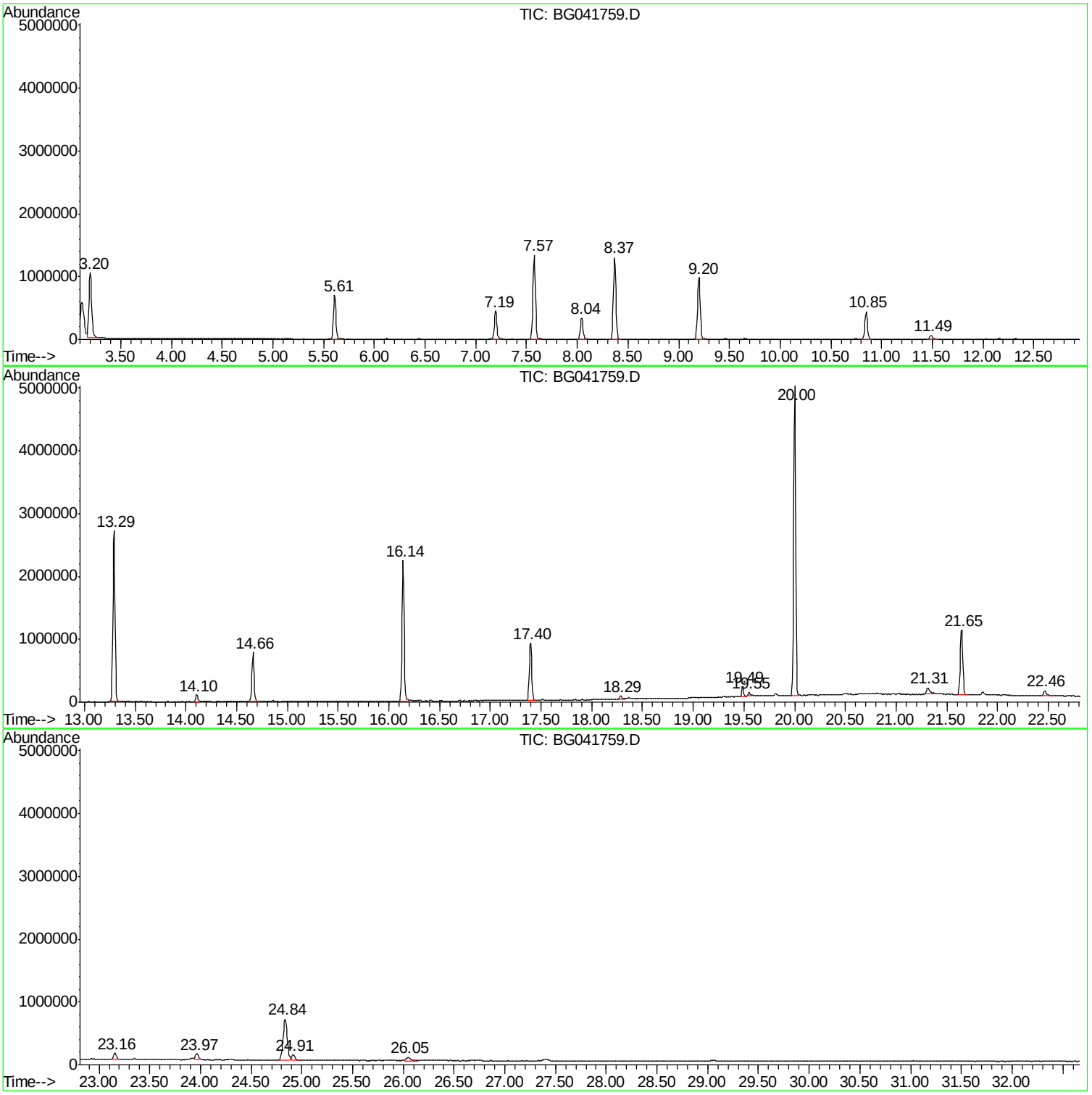
Operator : HP/JU
Sample : K3901-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CONTAINMENT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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\BG072319\
Data File : BG041759.D
Acq On : 23 Jul 2019 17:11
Operator : HP/JU
Sample : K3901-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONTAINMENT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

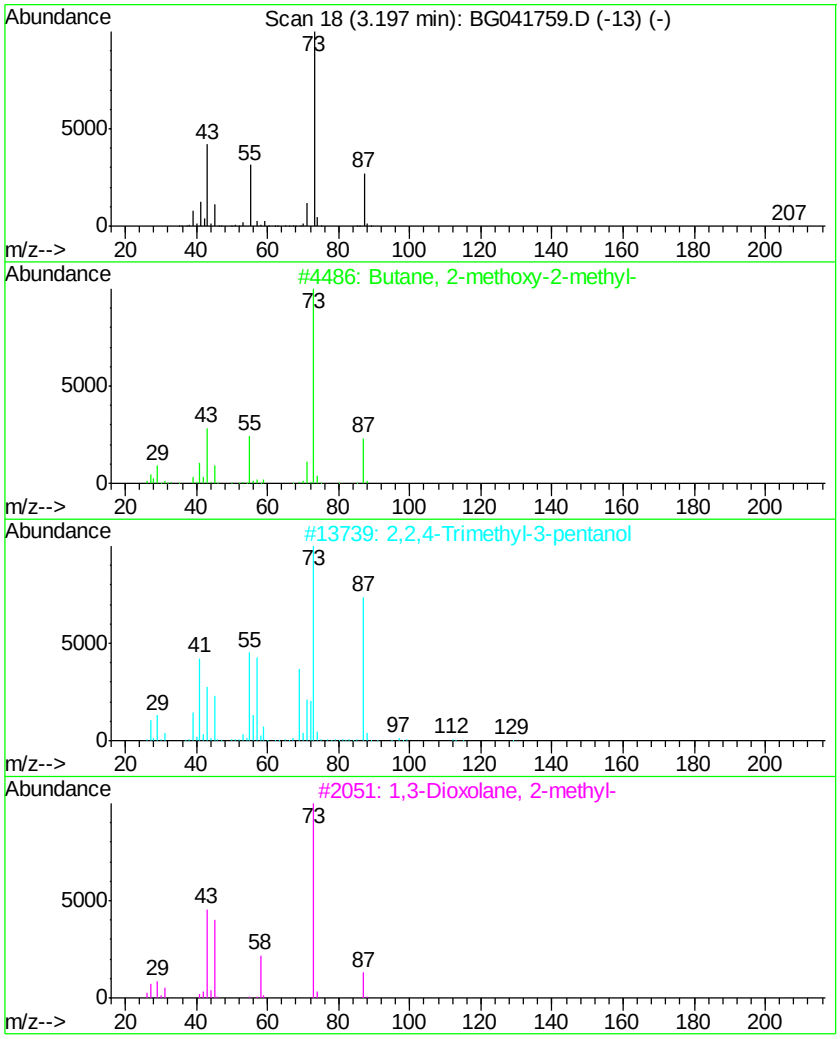
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

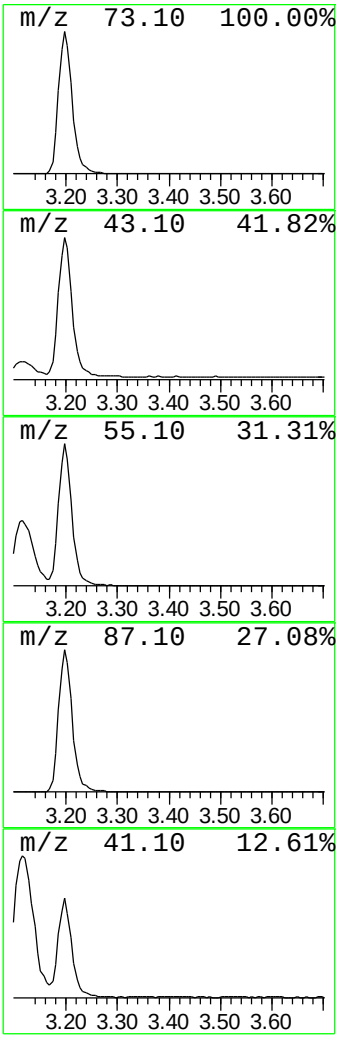
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	64.25 ng	1898970	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041759.D
Acq On : 23 Jul 2019 17:11
Operator : HP/JU
Sample : K3901-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONTAINMENT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

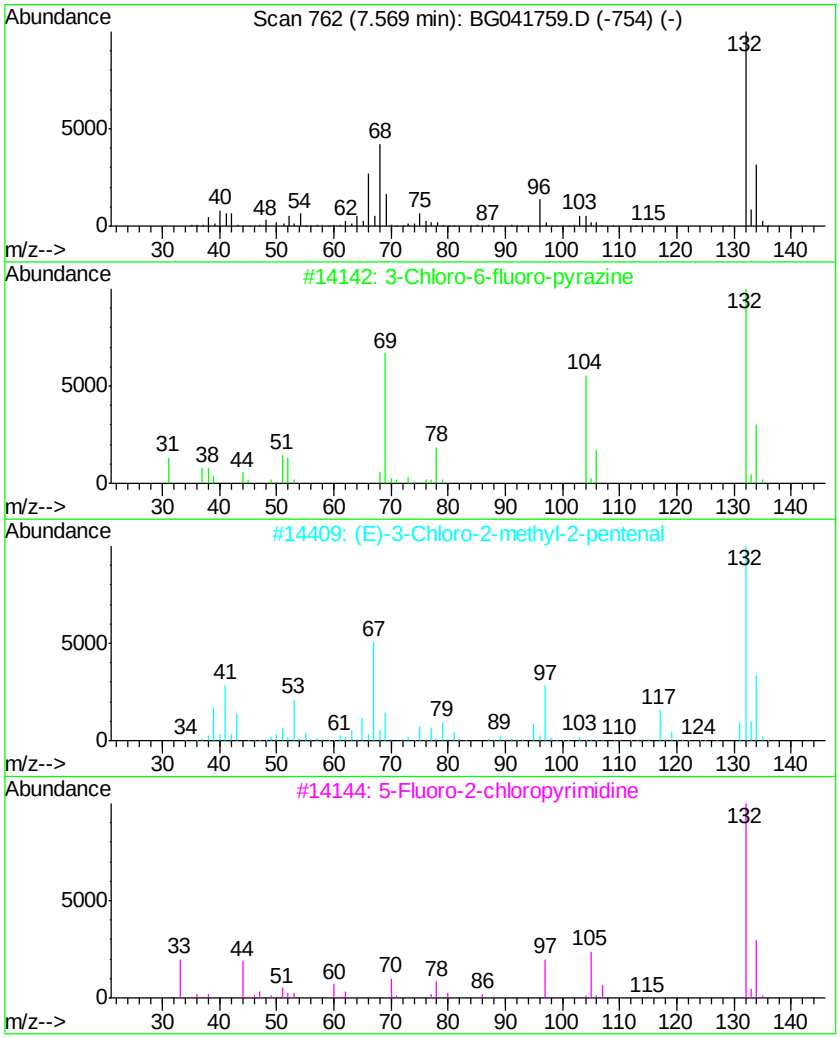
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

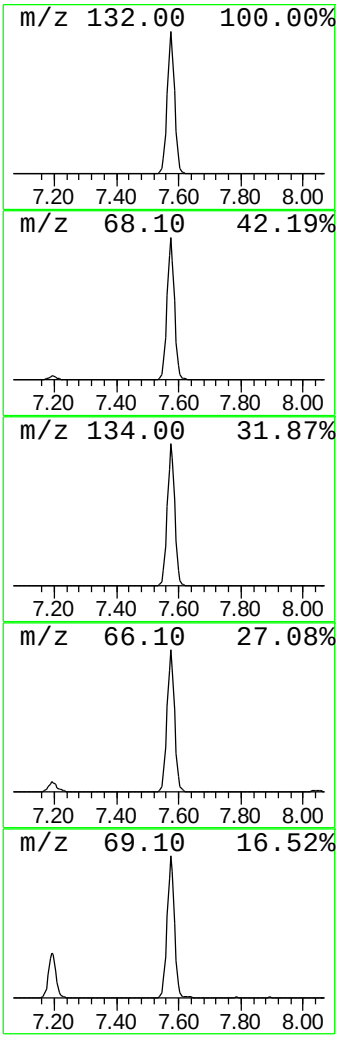
****

Peak Number 2 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	77.32 ng	2285170	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041759.D
Acq On : 23 Jul 2019 17:11
Operator : HP/JU
Sample : K3901-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONTAINMENT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

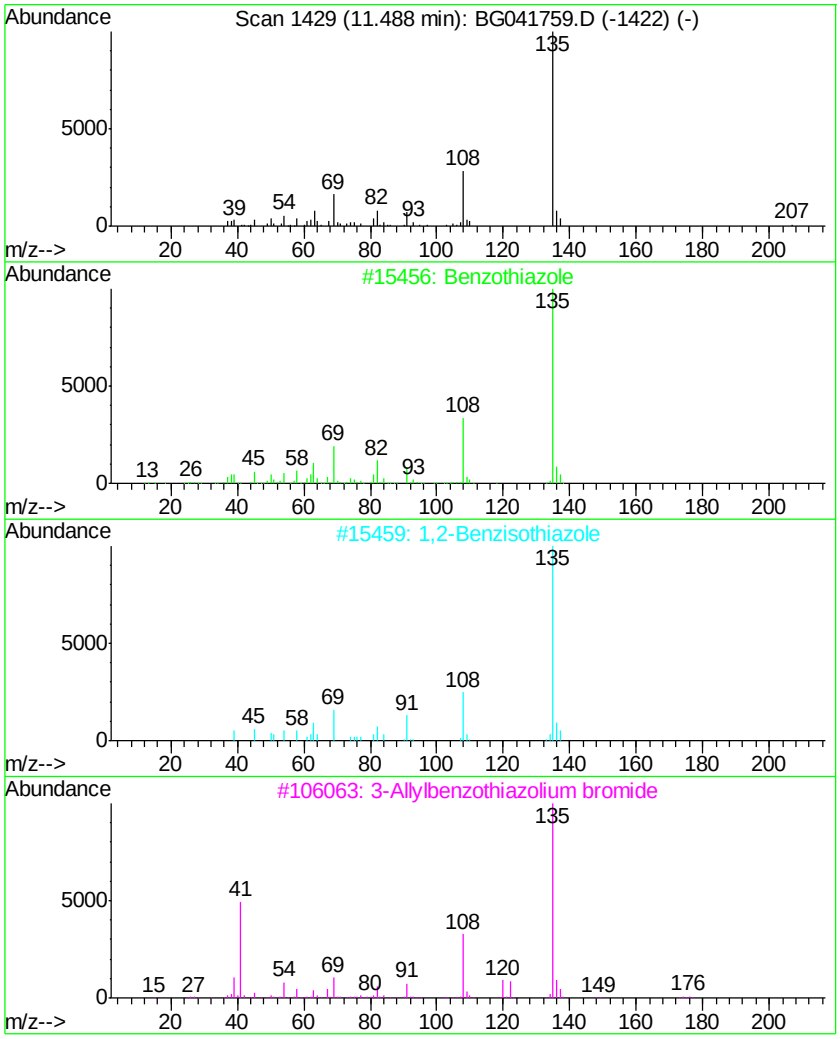
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

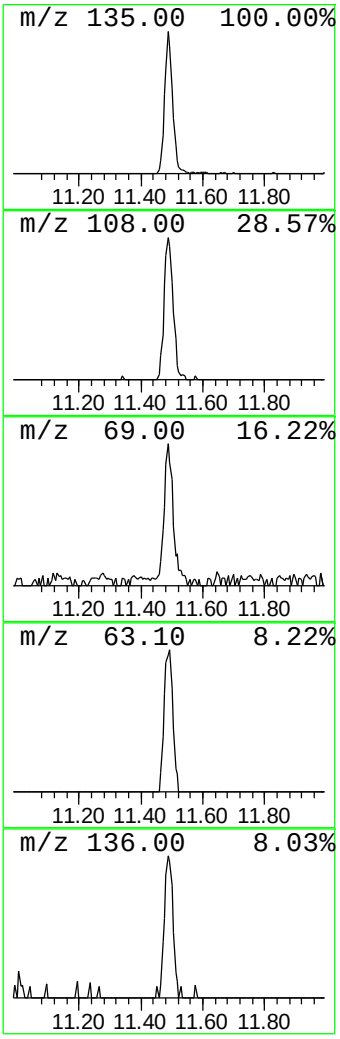
****

Peak Number 4 Benzothiazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	3.14 ng	126052	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	95
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	87
3	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	78
4	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	64
5	Thieno[2,3-c]pyridine	135	C7H5NS	000272-12-8	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041759.D
Acq On : 23 Jul 2019 17:11
Operator : HP/JU
Sample : K3901-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONTAINMENT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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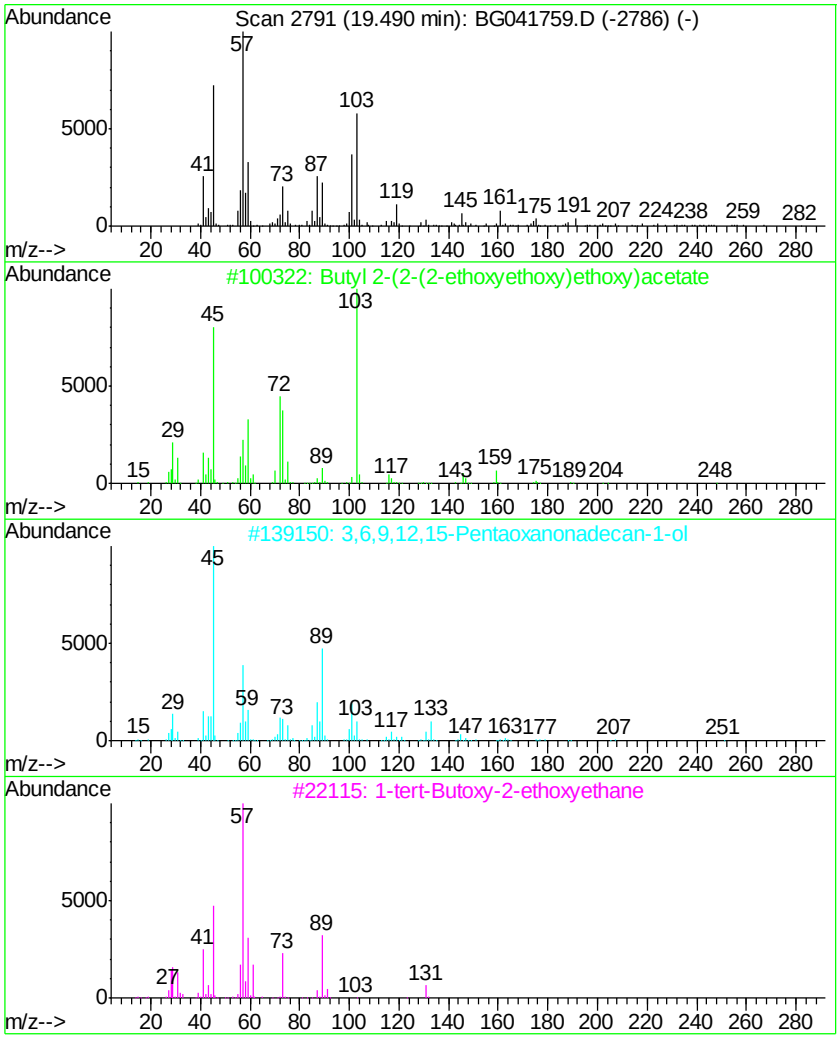
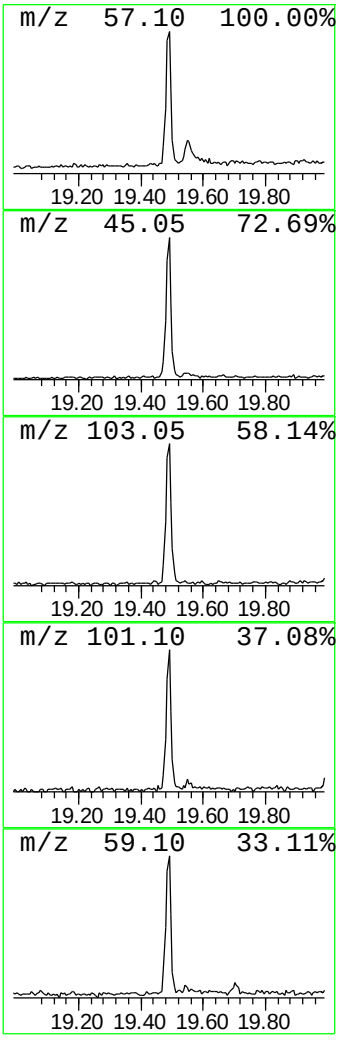
****

Peak Number 5 unknown19.49 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	2.81 ng	206570	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl 2-(2-(2-ethoxyethoxy)ethox...	248	C12H24O5	1000366-77-5	47
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	38
3	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	37
4	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	35
5	2-[2-[2-[2-[2-[2-(Trimethylsilyl...	354	C15H34O7Si	1000352-06-8	27





Library Search Compound Report

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ClientSampleId : CONTAINMENT-WATER

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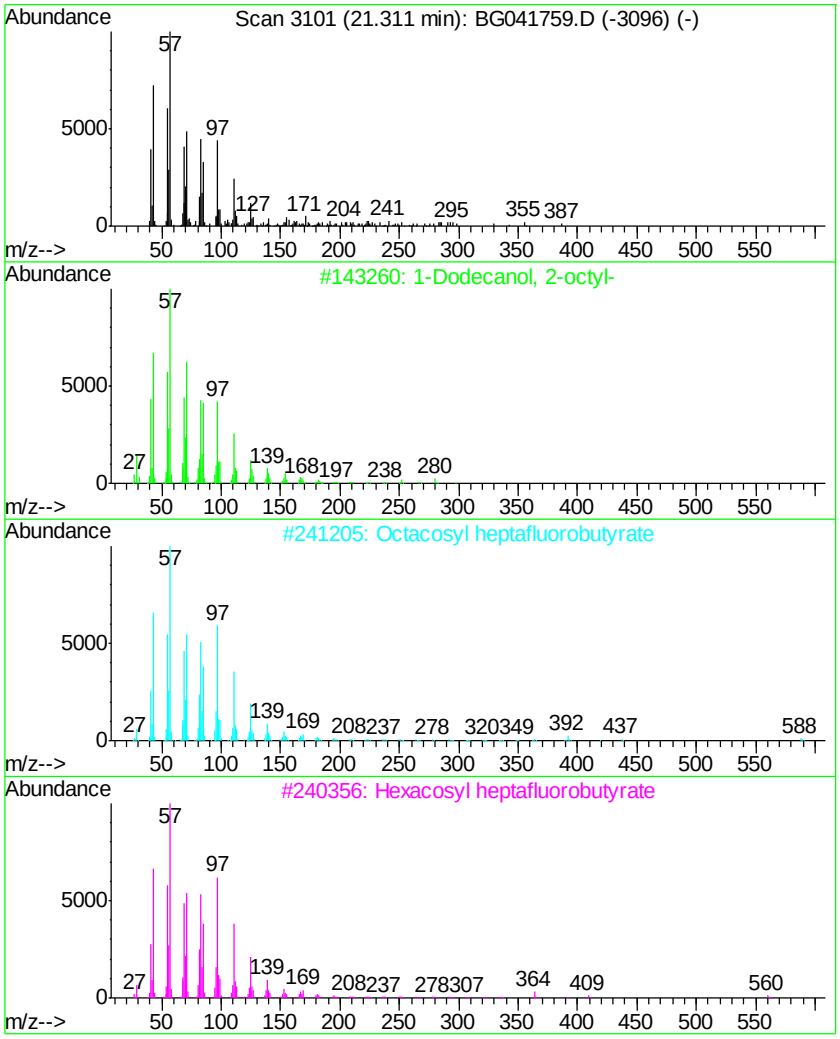
TIC Integration Parameters: LSCINT.P

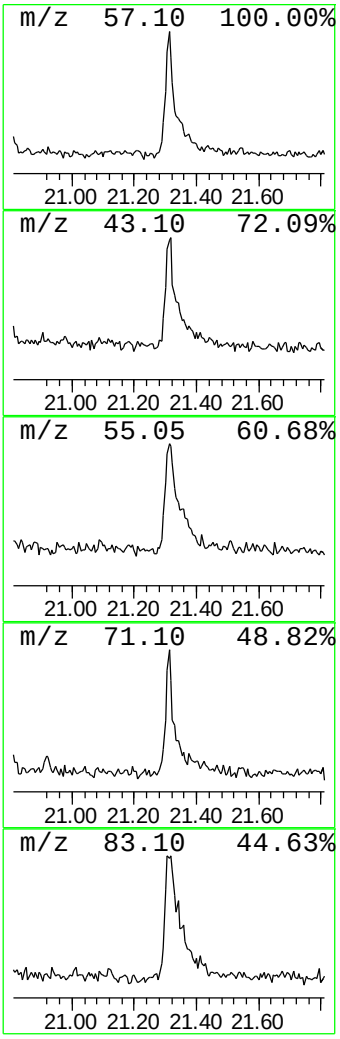
****

Peak Number 6 1-Dodecanol, 2-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	3.13 ng	270417	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
3	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
5	Cyclohexadecane	224	C16H32	000295-65-8	87





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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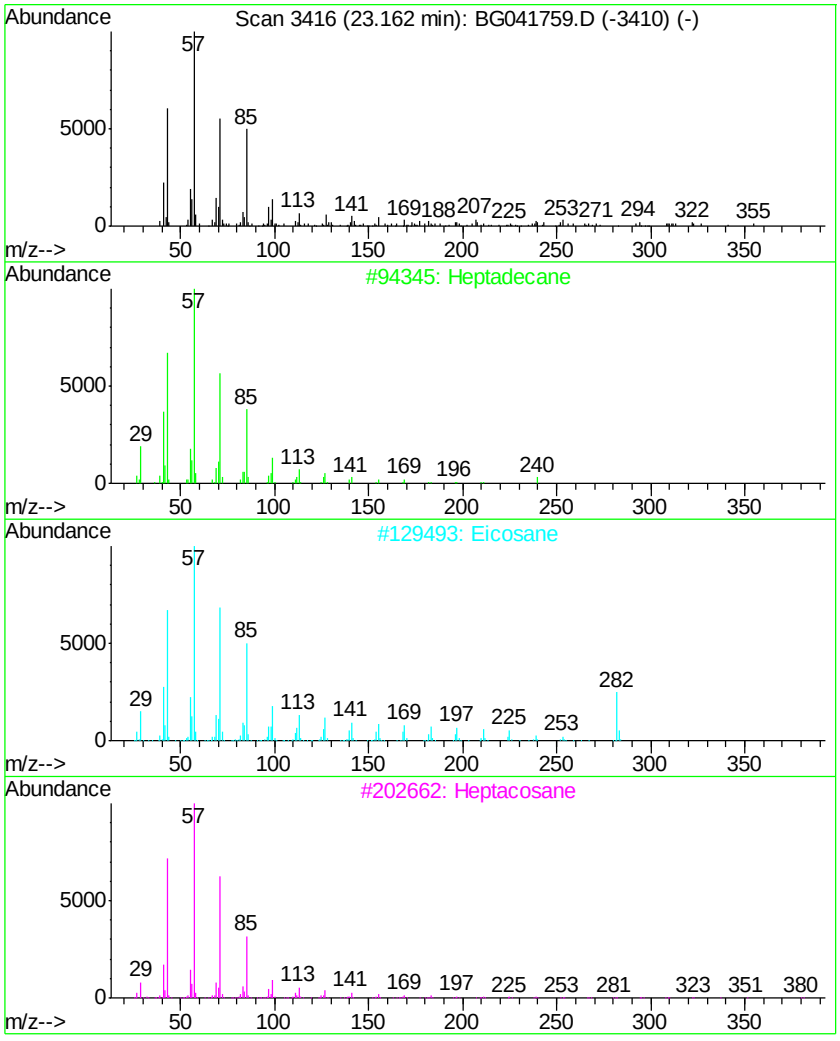
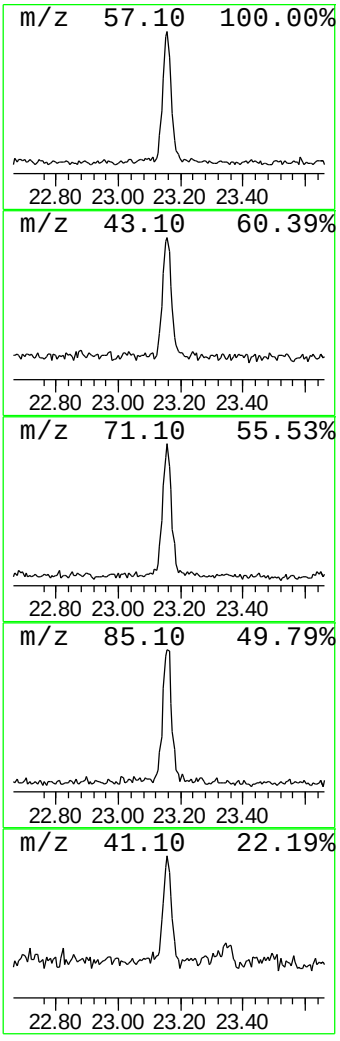
****

Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	2.14 ng	184697	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Eicosane	282	C20H42	000112-95-8	90
3	Heptacosane	380	C27H56	000593-49-7	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Octadecane	254	C18H38	000593-45-3	83





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

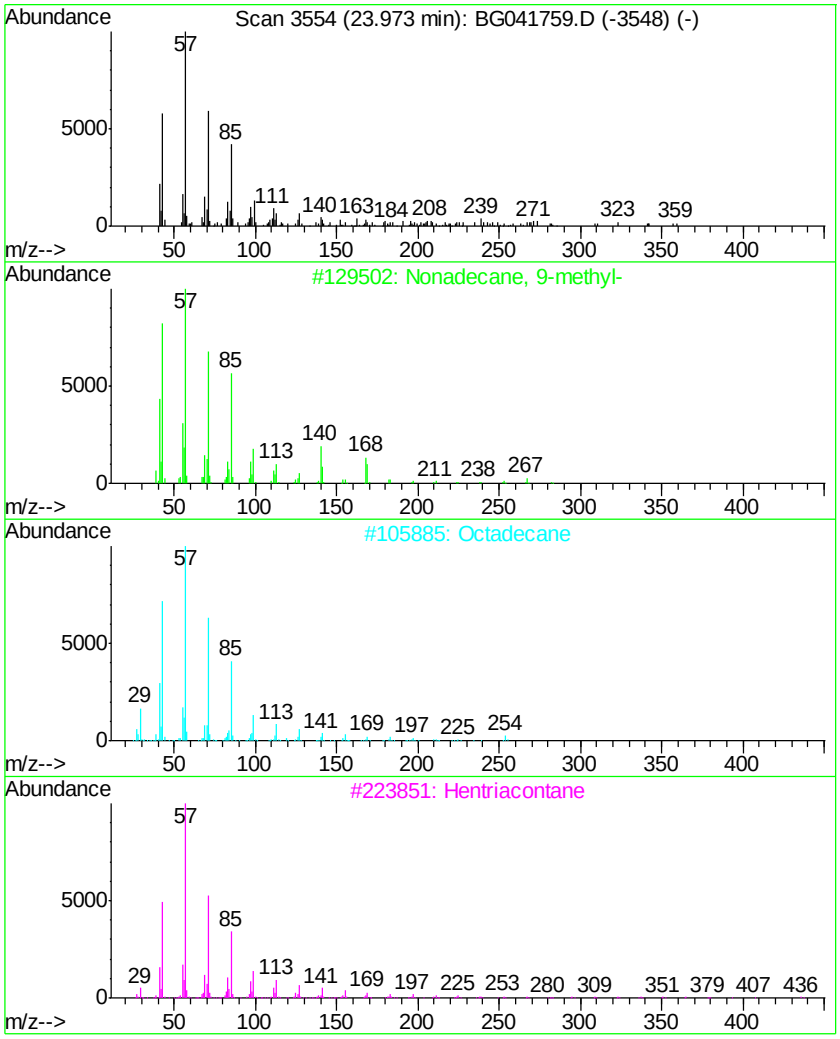
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

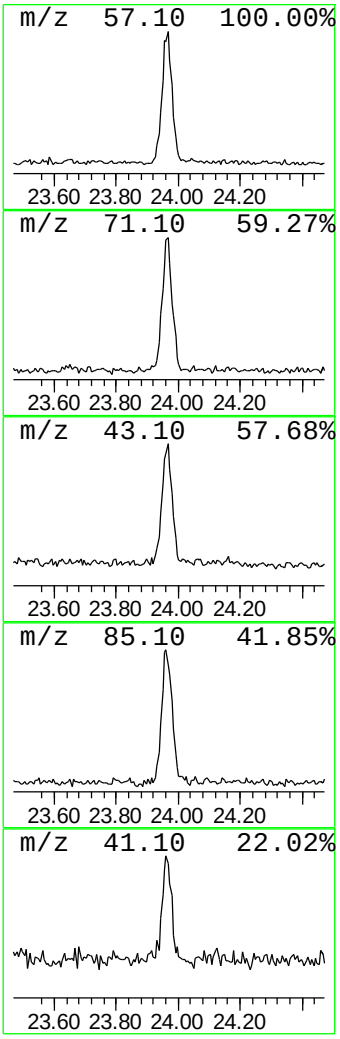
****

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.11 ng	200570	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
2	Octadecane	254	C18H38	000593-45-3	83
3	Hentriacontane	437	C31H64	000630-04-6	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Docosane	310	C22H46	000629-97-0	83





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	64.3	ng	1898970	1	8.04	591113	20.0
unknown7.57	7.57	77.3	ng	2285170	1	8.04	591113	20.0
Benzothiazole	11.49	3.1	ng	126052	2	10.85	802496	20.0
unknown19.49	19.49	2.8	ng	206570	4	17.40	1467740	20.0
1-Dodecanol, 2-oc...	21.31	3.1	ng	270417	5	21.64	1727420	20.0
Heptadecane	23.16	2.1	ng	184697	5	21.64	1727420	20.0
Nonadecane, 9-met...	23.97	2.1	ng	200570	6	24.84	1904480	20.0