LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031682.D
Acq On : 21 Dec 2017 20:36
Operator : SJ/JU
Sample : I6961-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-1(65-67)

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:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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	3.448	21	27	35	rBV	34567	69827	1.53%	0.308%
2	5.745	411	418	426	rVB	40215	67648	1.48%	0.299%
3	6.245	495	503	517	rBV	783098	1343366	29.42%	5.929%
4	7.925	780	789	800	rBV	778281	1527719	33.45%	6.742%
5	8.342	851	860	870	rBV	825042	1517128	33.22%	6.696%
6	8.830	936	943	953	rVB	152042	274857	6.02%	1.213%
7	9.165	991	1000	1010	rBV	626379	1195006	26.17%	5.274%
8	10.028	1137	1147	1159	rBV	429826	813510	17.81%	3.590%
9	11.721	1426	1435	1444	rBV	212304	404074	8.85%	1.783%
10	12.972	1641	1648	1656	rVB	56581	97768	2.14%	0.431%
11	14.094	1831	1839	1849	rBV	1692729	2756284	60.36%	12.164%
12	14.887	1967	1974	1982	rBV	248054	372218	8.15%	1.643%
13	15.463	2065	2072	2081	rVB2	392203	654482	14.33%	2.888%
14	16.797	2292	2299	2306	rBV	405802	591763	12.96%	2.612%
15	16.938	2316	2323	2336	rBV	1502148	2411641	52.81%	10.643%
16	18.201	2531	2538	2550	rVB	579798	929372	20.35%	4.102%
17	19.024	2672	2678	2689	rBV2	121160	197698	4.33%	0.873%
18	20.263	2884	2889	2896	rBV	66515	102264	2.24%	0.451%
19	20.734	2960	2969	2982	rBV	3254688	4566668	100.00%	20.154%
20	22.114	3199	3204	3215	rBV	227780	380978	8.34%	1.681%
21	22.561	3272	3280	3290	rVB2	604667	1151678	25.22%	5.083%
22	26.345	3913	3924	3939	rVB2	347296	1155312	25.30%	5.099%
23	28.013	4202	4208	4222	rVB2	24431	77357	1.69%	0.341%

Sum of corrected areas: 22658618

LSC Report - Integrated Chromatogram

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Misc :
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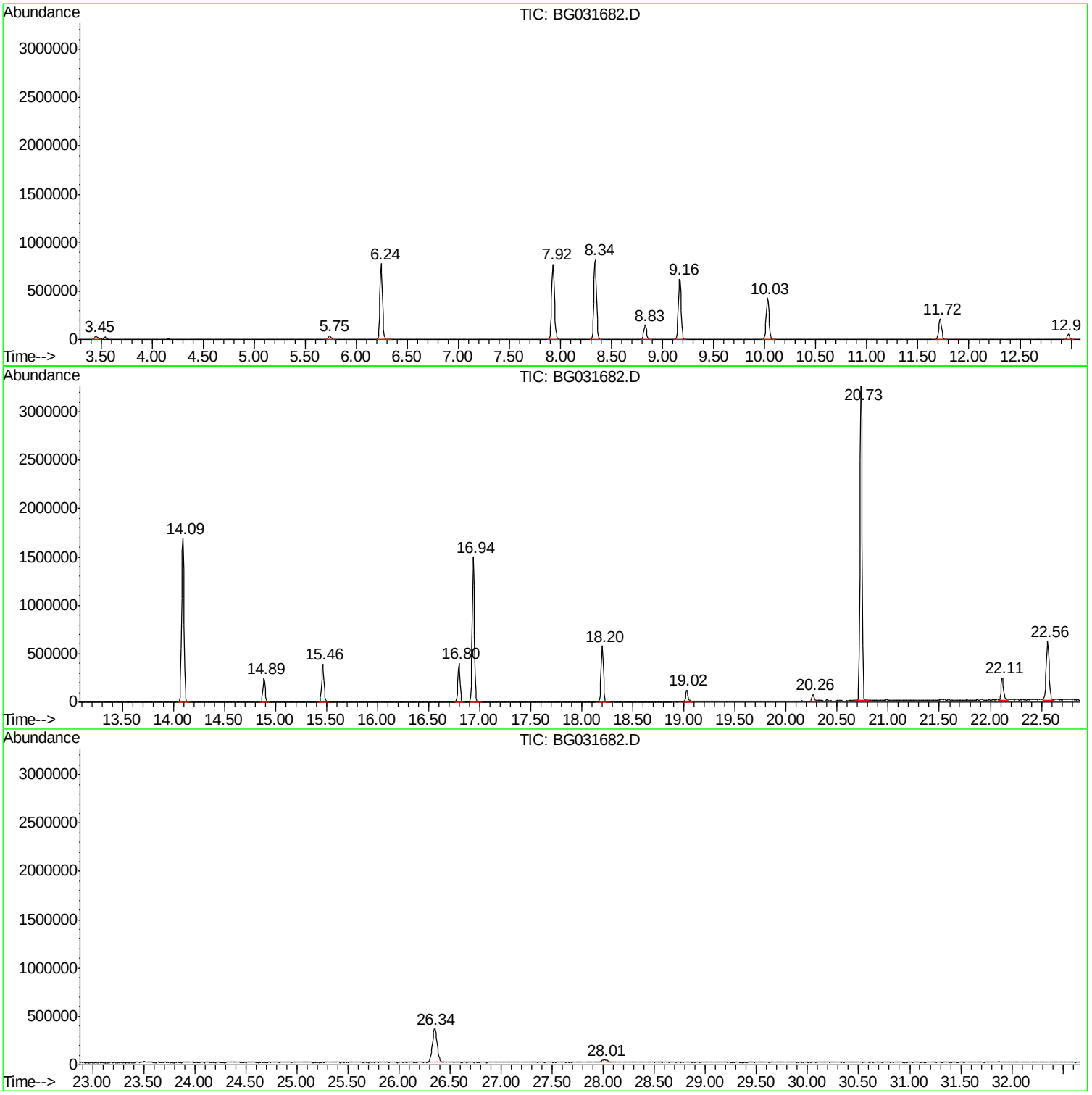
Instrument : BNA_G
ClientSampleId : EPE-108-1(65-67)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
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Sample : I6961-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-1(65-67)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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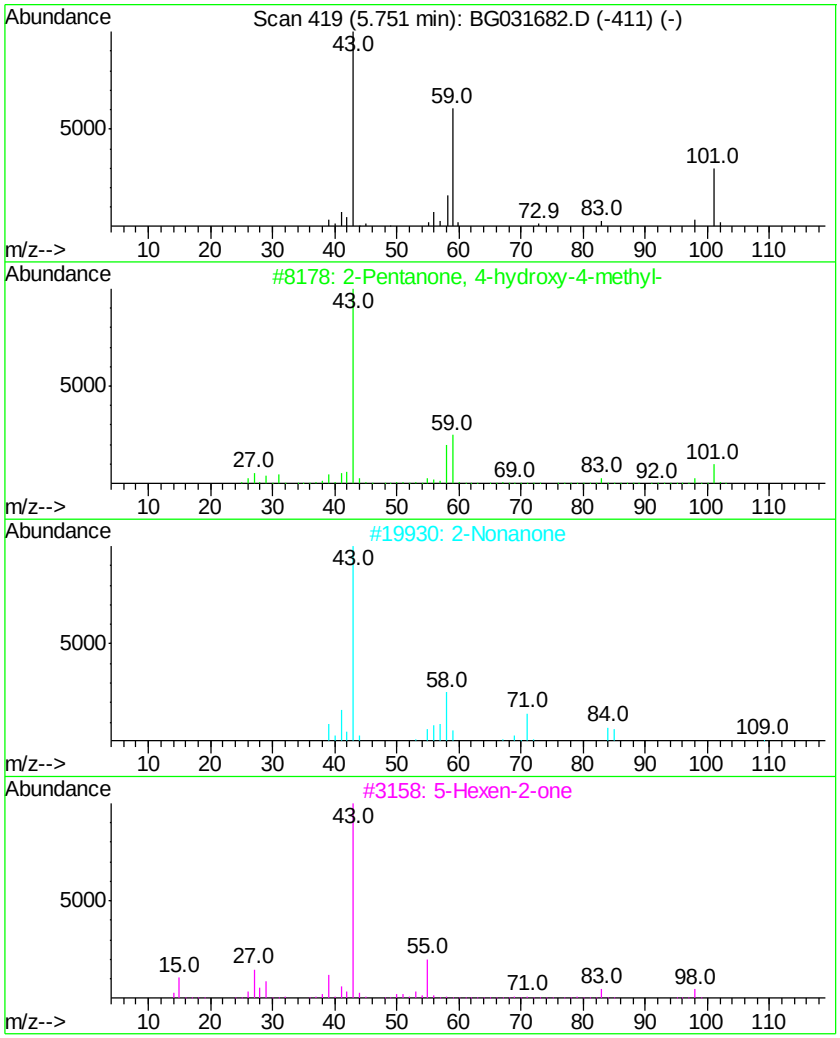
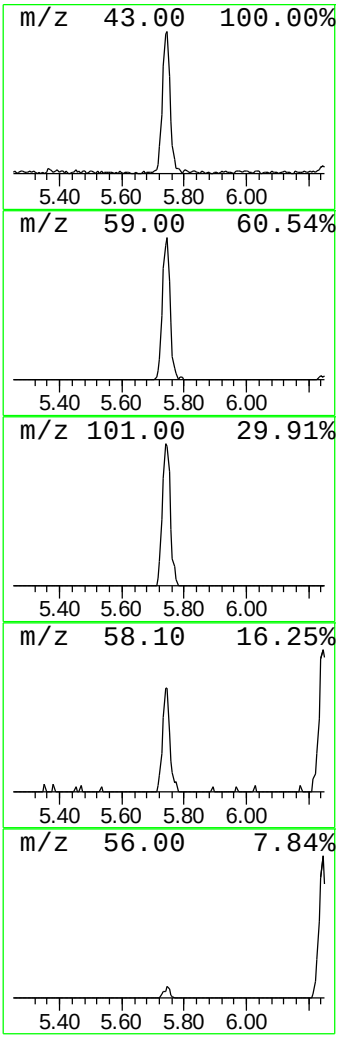
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	4.92 ng	67648	1,4-Dichlorobenzene-d4	8.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Nonanone	142	C9H18O	000821-55-6	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





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Sample : I6961-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-1(65-67)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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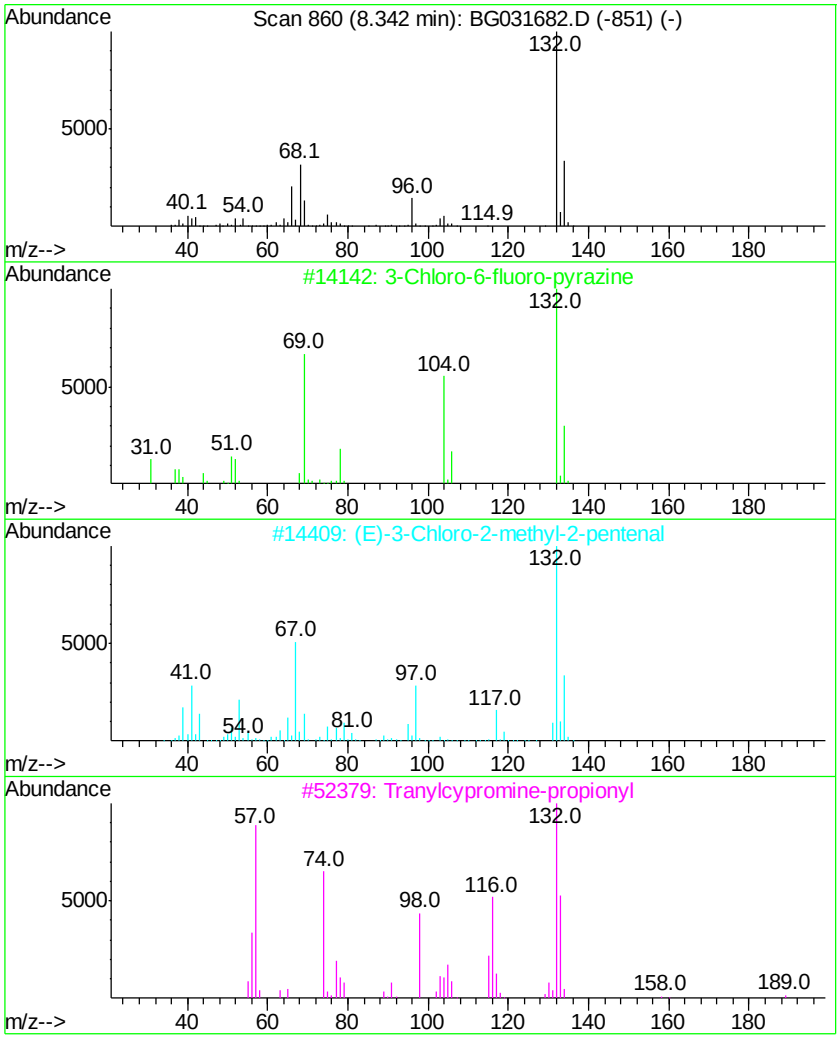
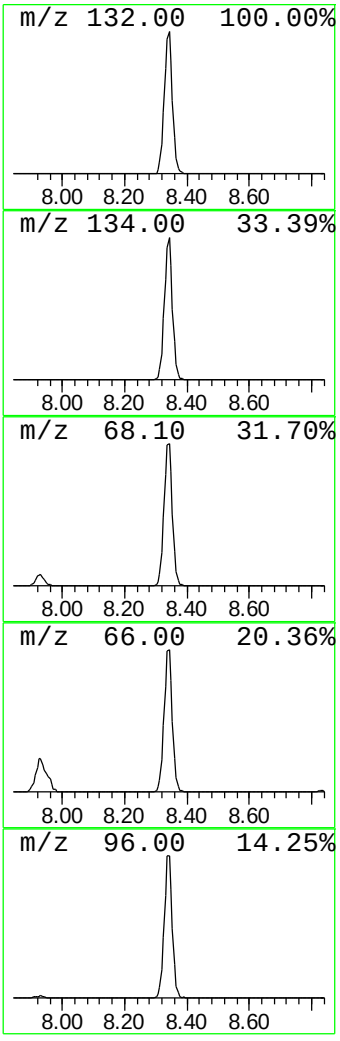
Peak Number 3 unknown8.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	110.39 ng	1517130	1,4-Dichlorobenzene-d4	8.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Operator : SJ/JU
Sample : I6961-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-1(65-67)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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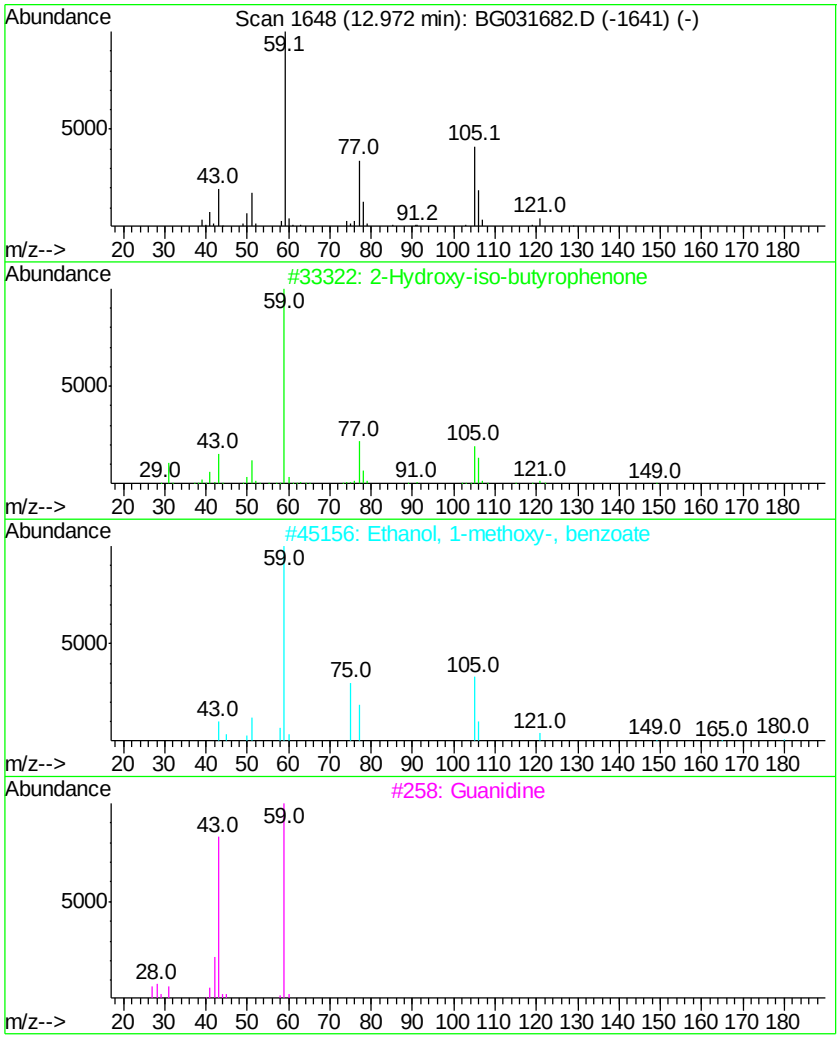
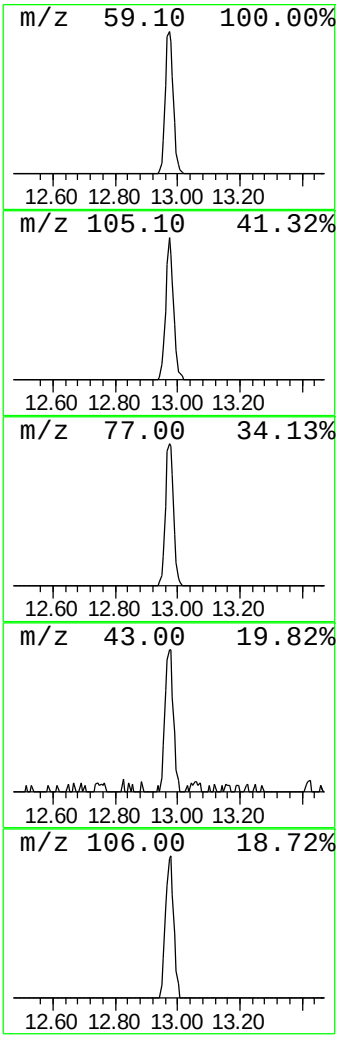
Peak Number 5 2-Hydroxy-iso-butyrophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	4.84 ng	97768	Naphthalene-d8	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	83
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	39
3	Guanidine	59	CH5N3	000113-00-8	9
4	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	9
5	1-Propanol, 2-methoxy-	90	C4H10O2	001589-47-5	9





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Operator : SJ/JU
Sample : I6961-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-1(65-67)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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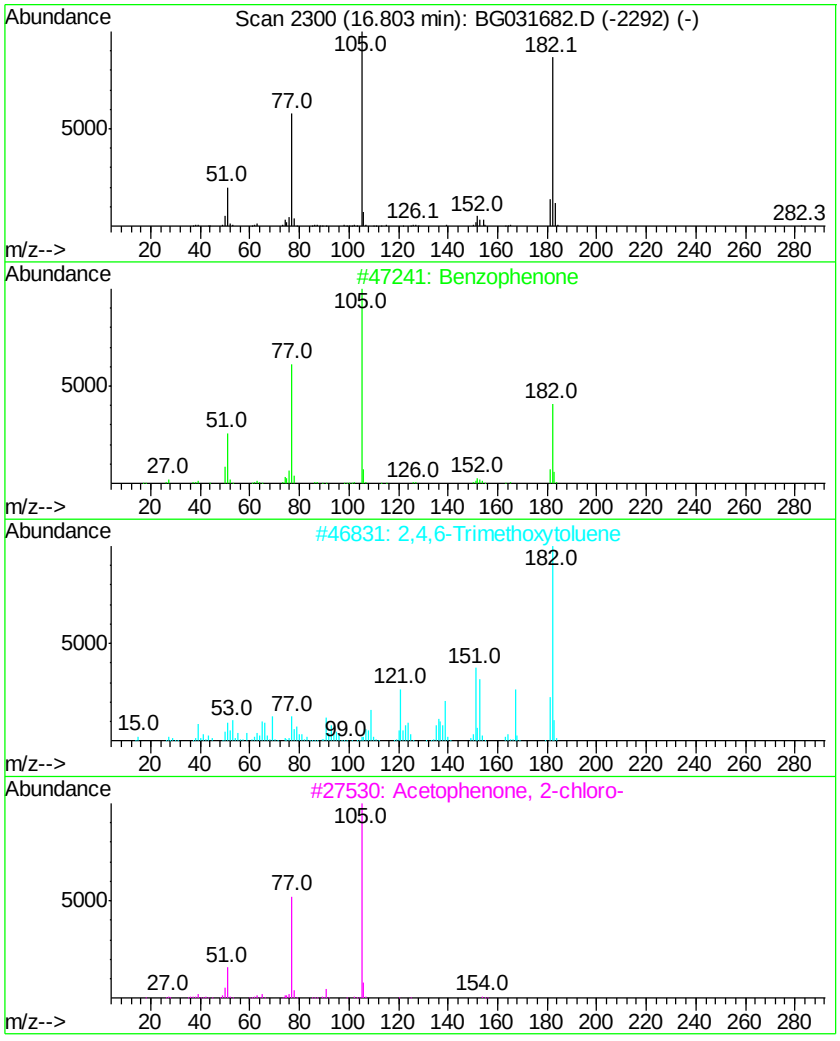
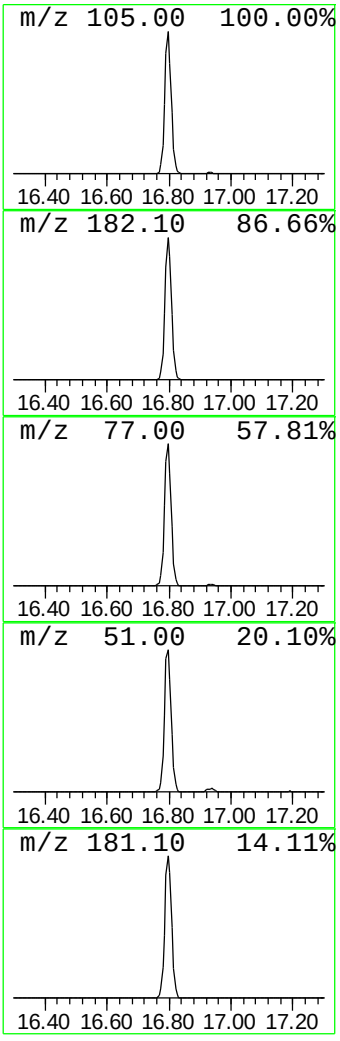
Peak Number 6 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	18.08 ng	591763	Acenaphthene-d10	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	43
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	35
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	35
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	35





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Instrument : BNA_G
ClientSampleId : EPE-108-1(65-67)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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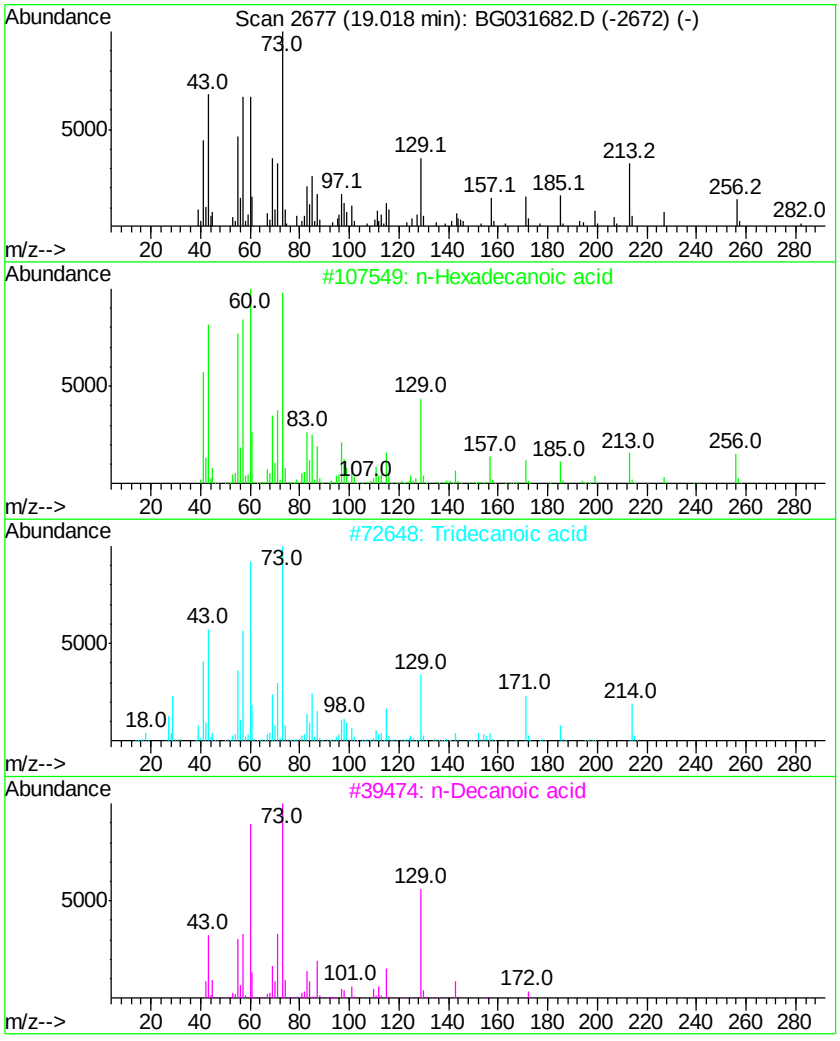
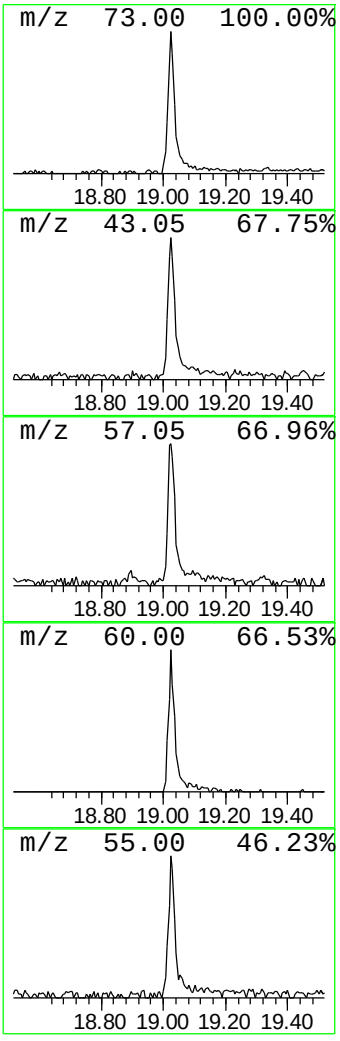
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	4.25 ng	197698	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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ClientSampleId : EPE-108-1(65-67)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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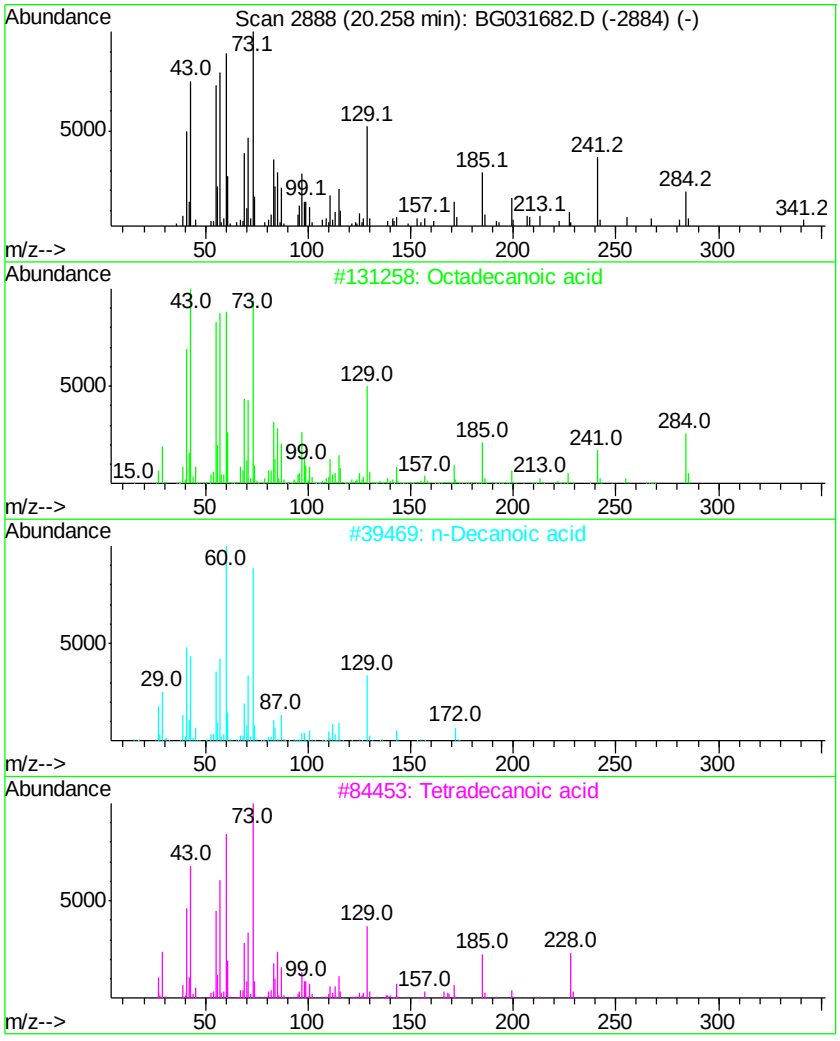
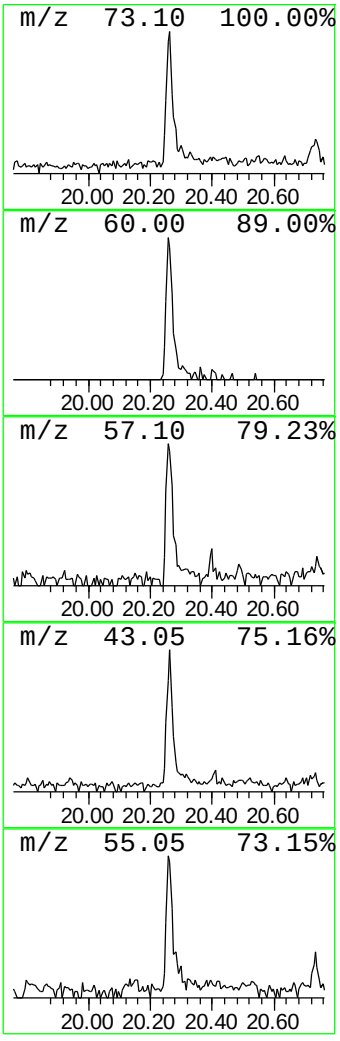
Peak Number 8 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.20 ng	102264	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	60
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	49
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	43





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TIC Library : C:\Database\NIST11.L
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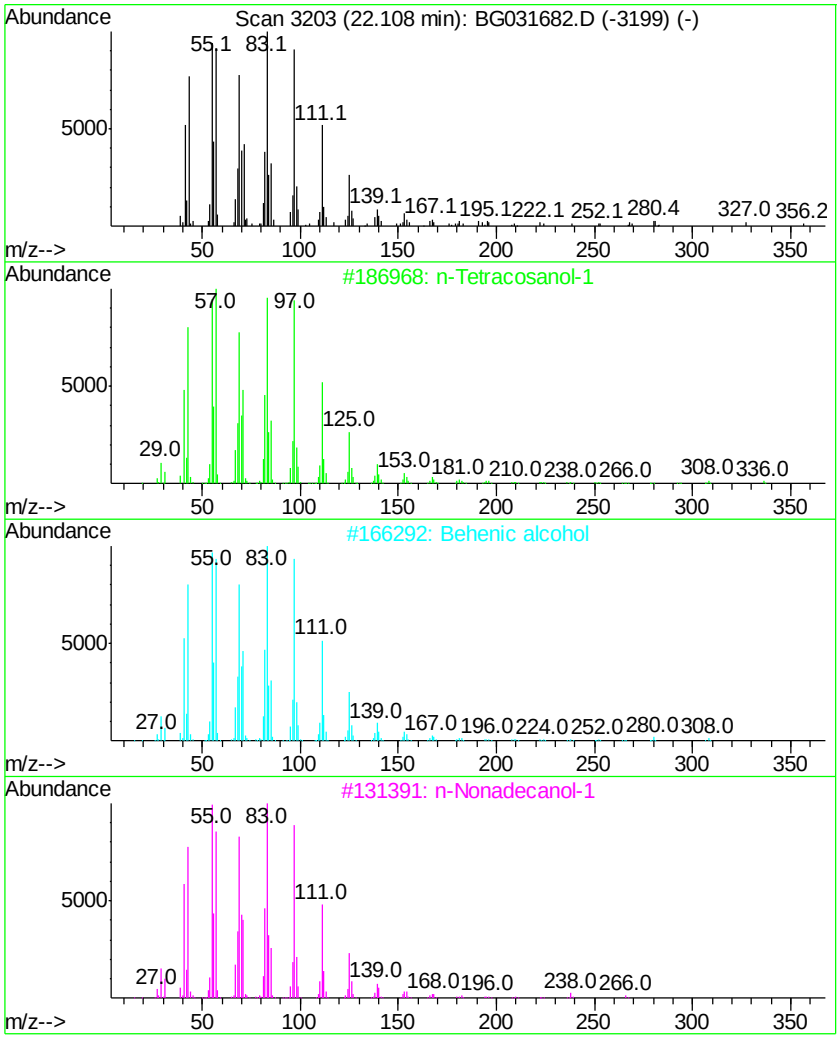
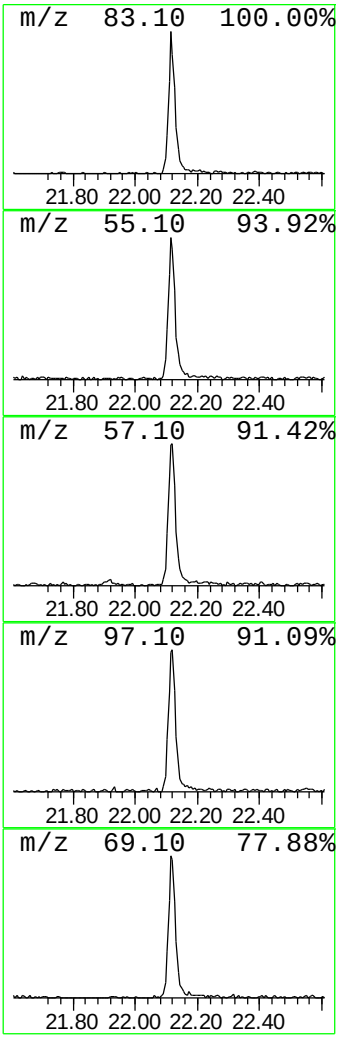
Peak Number 9 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	6.62 ng	380978	Chrysene-d12	22.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	9-Nonadecene	266	C19H38	031035-07-1	92





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
2-Pentanone, 4-hy...	5.75	4.9	ng	67648	1	8.83	274857	20.0
unknown8.34	8.34	110.4	ng	1517130	1	8.83	274857	20.0
2-Hydroxy-iso-but...	12.97	4.8	ng	97768	2	11.72	404074	20.0
Benzophenone	16.80	18.1	ng	591763	3	15.46	654482	20.0
n-Hexadecanoic acid	19.02	4.3	ng	197698	4	18.20	929372	20.0
Octadecanoic acid	20.26	2.2	ng	102264	4	18.20	929372	20.0
n-Tetracosanol-1	22.11	6.6	ng	380978	5	22.56	1151680	20.0