LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032820.D
Acq On : 26 Feb 2018 14:00
Operator : SJ/JU
Sample : J1688-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-SOIL

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-BG022118.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	3.529	33	41	51	rBV2	51644	122126	3.93%	0.615%
2	3.617	51	56	66	rVB	235583	393425	12.67%	1.982%
3	5.838	428	434	443	rVB2	54469	91188	2.94%	0.459%
4	6.343	513	520	531	rBV	831235	1454630	46.83%	7.327%
5	8.029	797	807	820	rBV	846177	1607241	51.74%	8.096%
6	8.440	869	877	893	rBV	840528	1557816	50.15%	7.847%
7	8.933	954	961	971	rBV	209424	373631	12.03%	1.882%
8	9.268	1008	1018	1028	rBV	634376	1175575	37.85%	5.921%
9	10.132	1155	1165	1174	rBV	485771	909360	29.28%	4.580%
10	11.818	1444	1452	1462	rVB	299893	553593	17.82%	2.788%
11	13.063	1655	1664	1670	rBV2	43965	71815	2.31%	0.362%
12	14.173	1842	1853	1863	rBV	1308177	2093555	67.40%	10.545%
13	14.966	1982	1988	1994	rBV	56778	82305	2.65%	0.415%
14	15.548	2076	2087	2095	rVB2	424746	723185	23.28%	3.643%
15	16.870	2305	2312	2318	rBV	374300	544906	17.54%	2.745%
16	17.011	2329	2336	2346	rBV	1030644	1591813	51.25%	8.018%
17	18.274	2543	2551	2563	rBV	570226	910239	29.30%	4.585%
18	19.073	2683	2687	2697	rBV2	78195	126091	4.06%	0.635%
19	20.306	2893	2897	2907	rBV3	23133	37011	1.19%	0.186%
20	20.788	2973	2979	2985	rBV	2381435	3106156	100.00%	15.646%
21	22.162	3208	3213	3225	rBV	78220	145747	4.69%	0.734%
22	22.627	3285	3292	3303	rBV2	589055	1079576	34.76%	5.438%
23	26.439	3930	3941	3959	rBV2	338318	1102269	35.49%	5.552%

Sum of corrected areas: 19853253

LSC Report - Integrated Chromatogram

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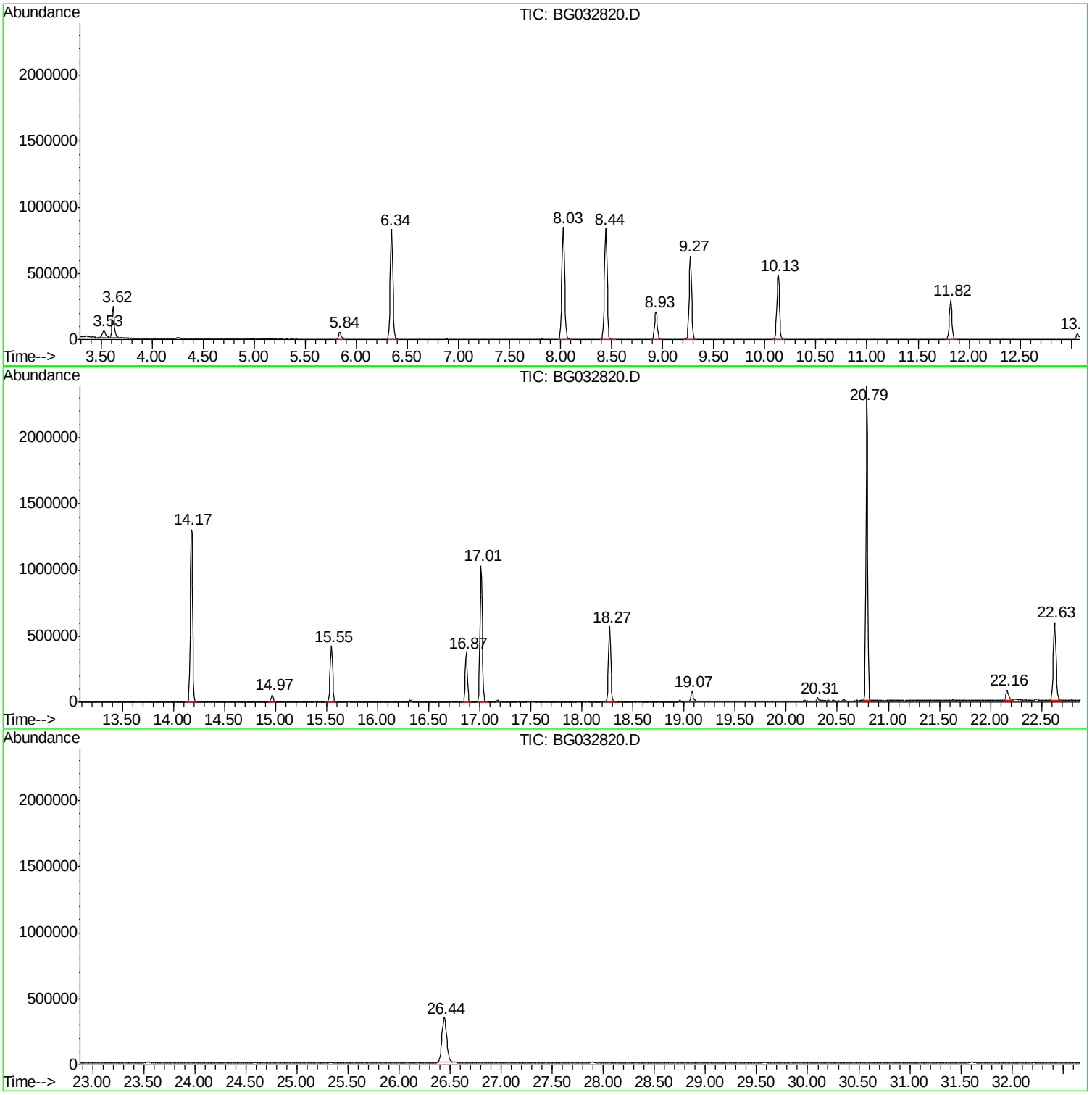
Operator : SJ/JU
Sample : J1688-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-SOIL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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\BG022618\
Data File : BG032820.D
Acq On : 26 Feb 2018 14:00
Operator : SJ/JU
Sample : J1688-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-SOIL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

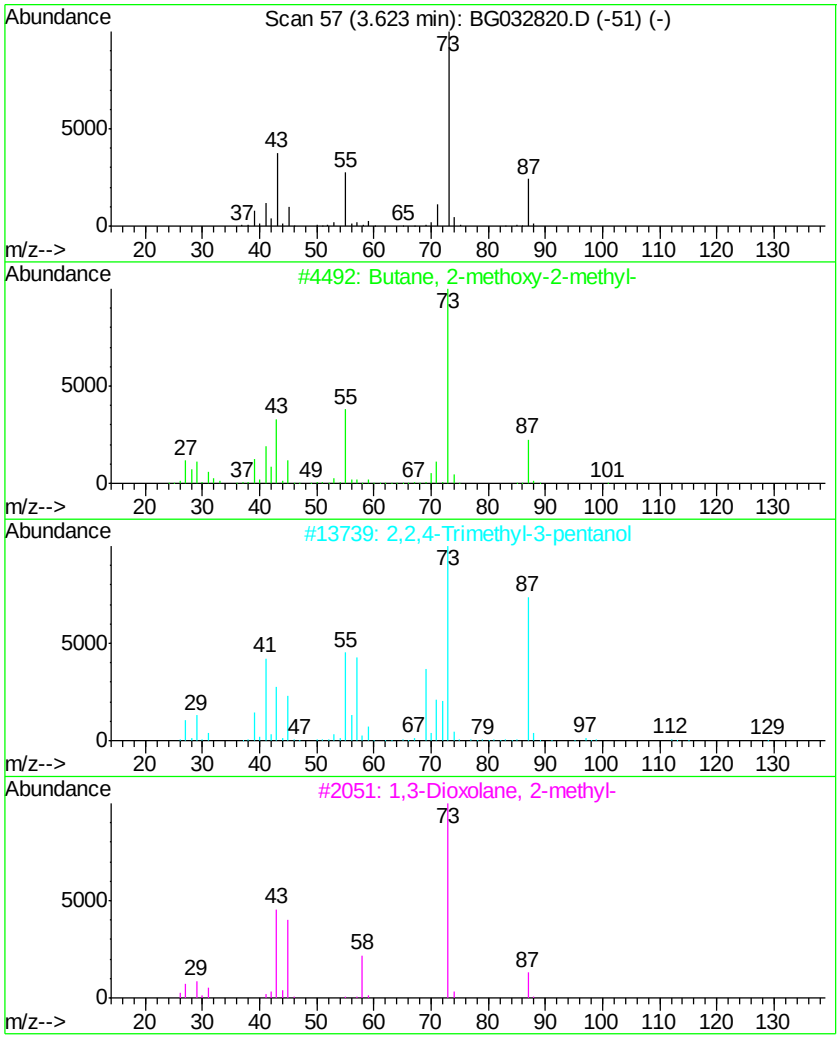
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

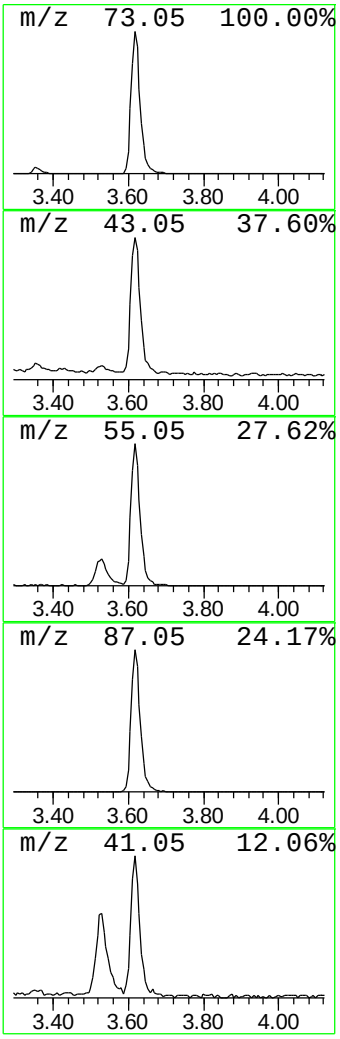
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	21.06 ng	393425	1,4-Dichlorobenzene-d4	8.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

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Acq On : 26 Feb 2018 14:00
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Sample : J1688-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-SOIL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

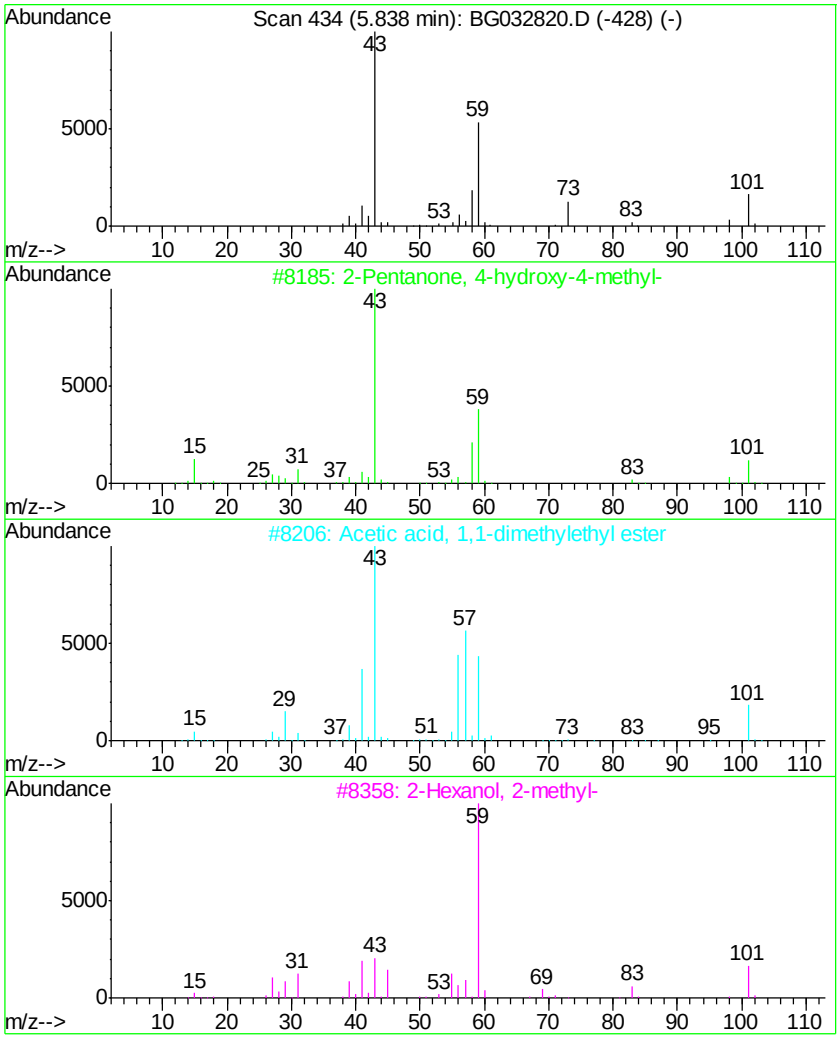
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

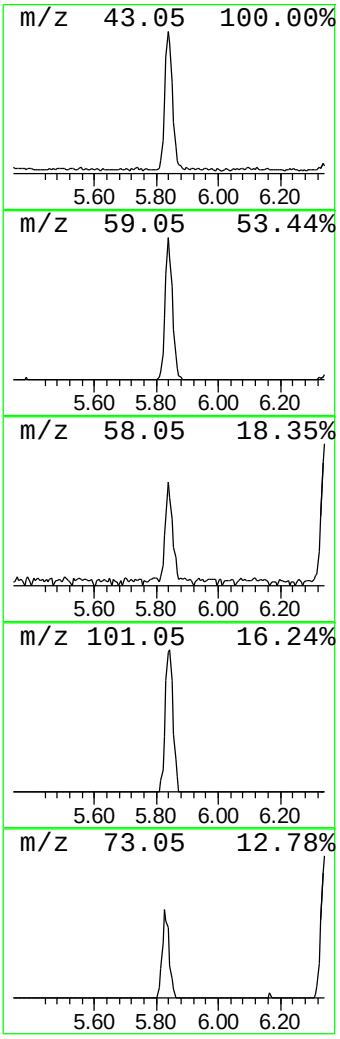
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	4.88 ng	91188	1,4-Dichlorobenzene-d4	8.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
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Acq On : 26 Feb 2018 14:00
Operator : SJ/JU
Sample : J1688-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-SOIL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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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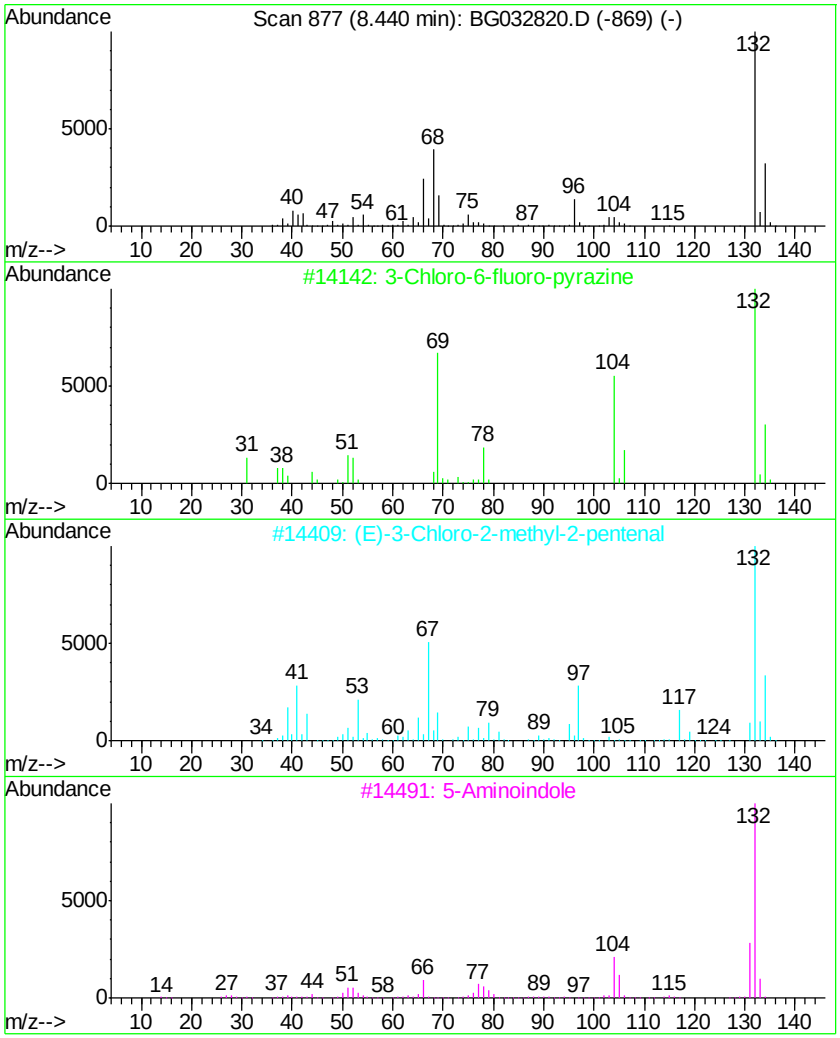
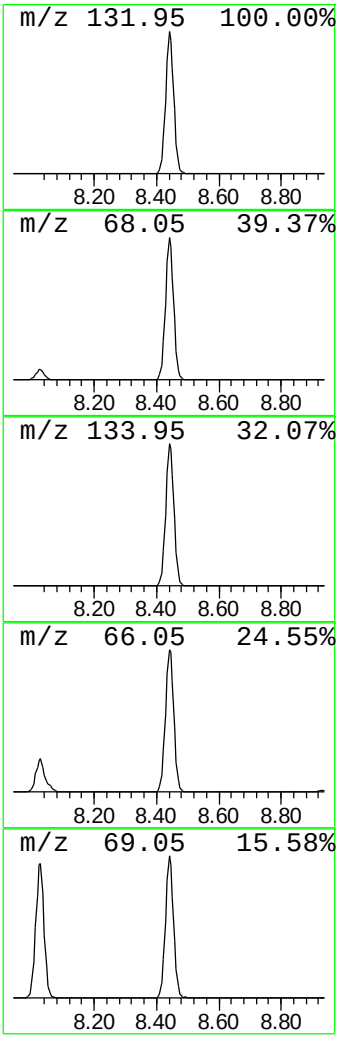
Peak Number 4 unknown8.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	83.39 ng	1557820	1,4-Dichlorobenzene-d4	8.93

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-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032820.D
Acq On : 26 Feb 2018 14:00
Operator : SJ/JU
Sample : J1688-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-SOIL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

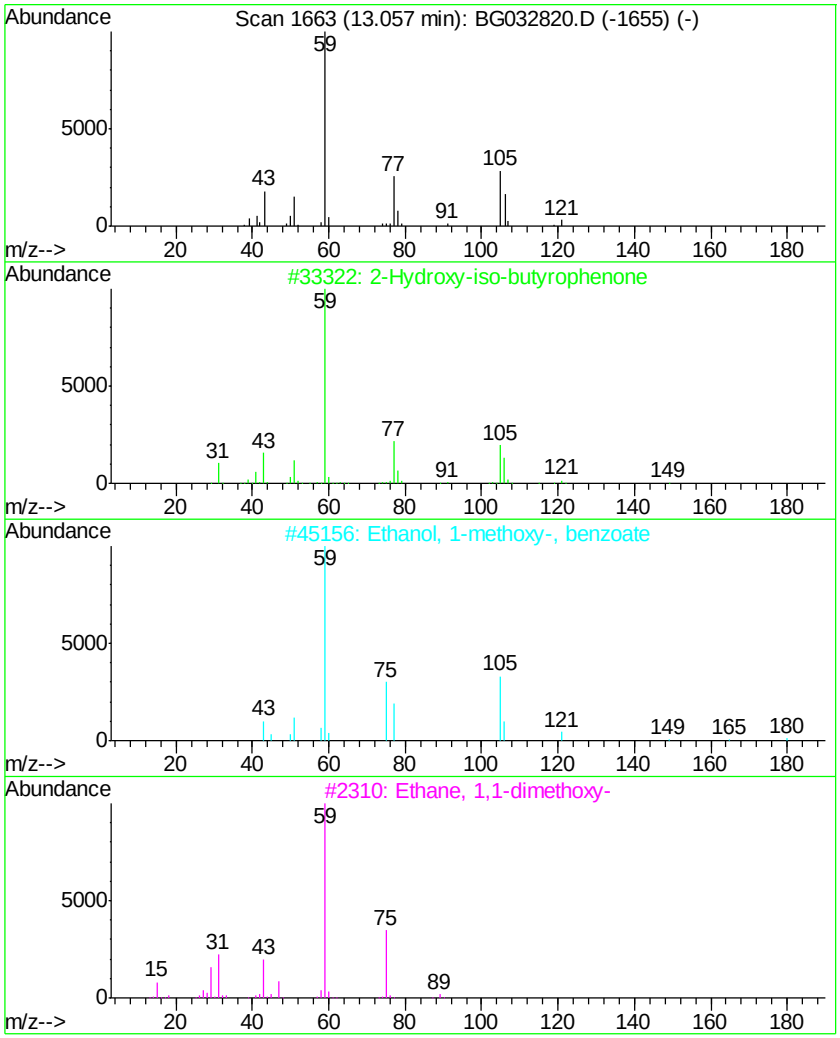
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

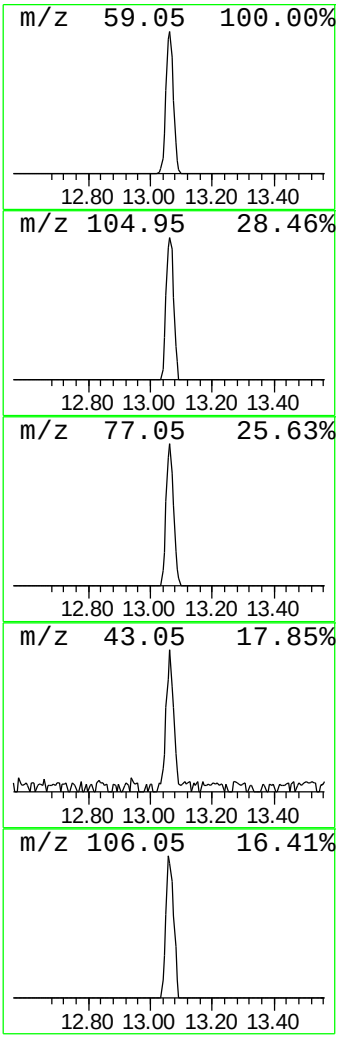
****

Peak Number 6 2-Hydroxy-iso-butyrophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.59 ng	71815	Naphthalene-d8	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	78
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	72
3	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	9
4	Guanidine	59	CH5N3	000113-00-8	7
5	Acetamide	59	C2H5NO	000060-35-5	5





Library Search Compound Report

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Operator : SJ/JU
Sample : J1688-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-SOIL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
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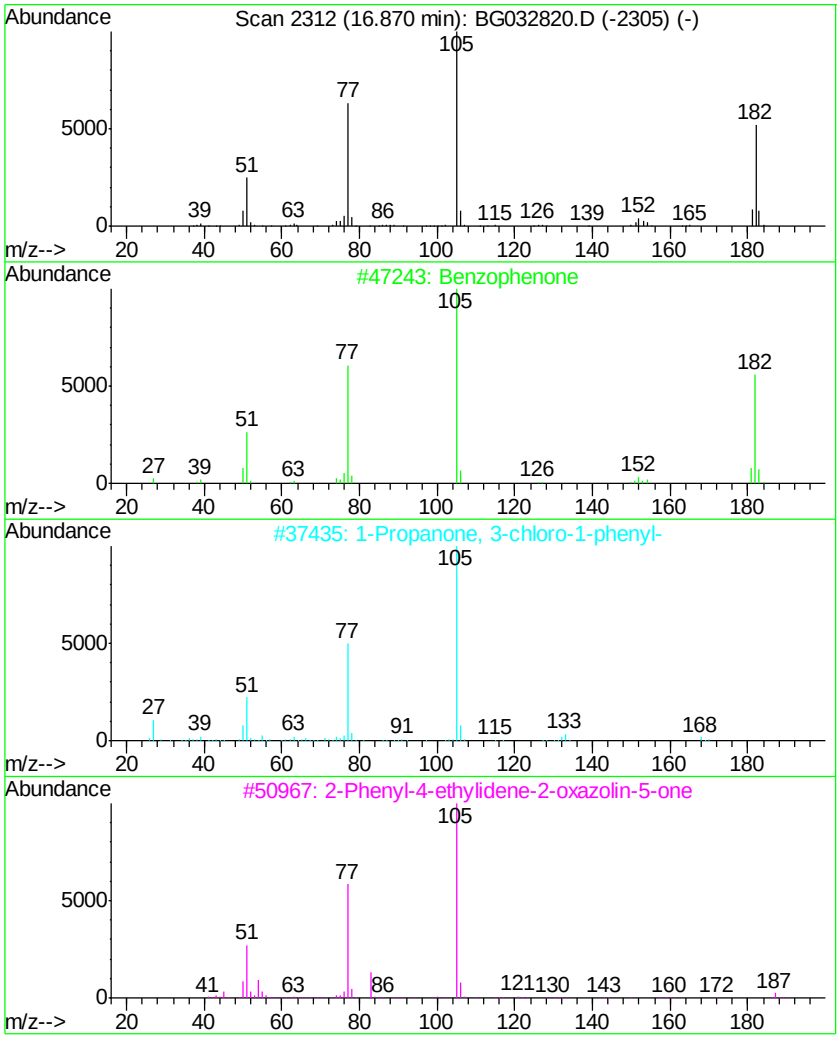
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

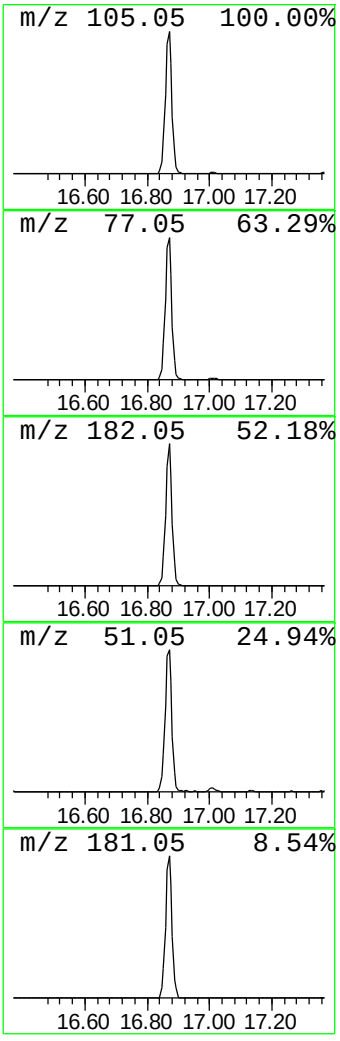
****

Peak Number 7 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	15.07 ng	544906	Acenaphthene-d10	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
3	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47
4	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : T-3-SOIL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

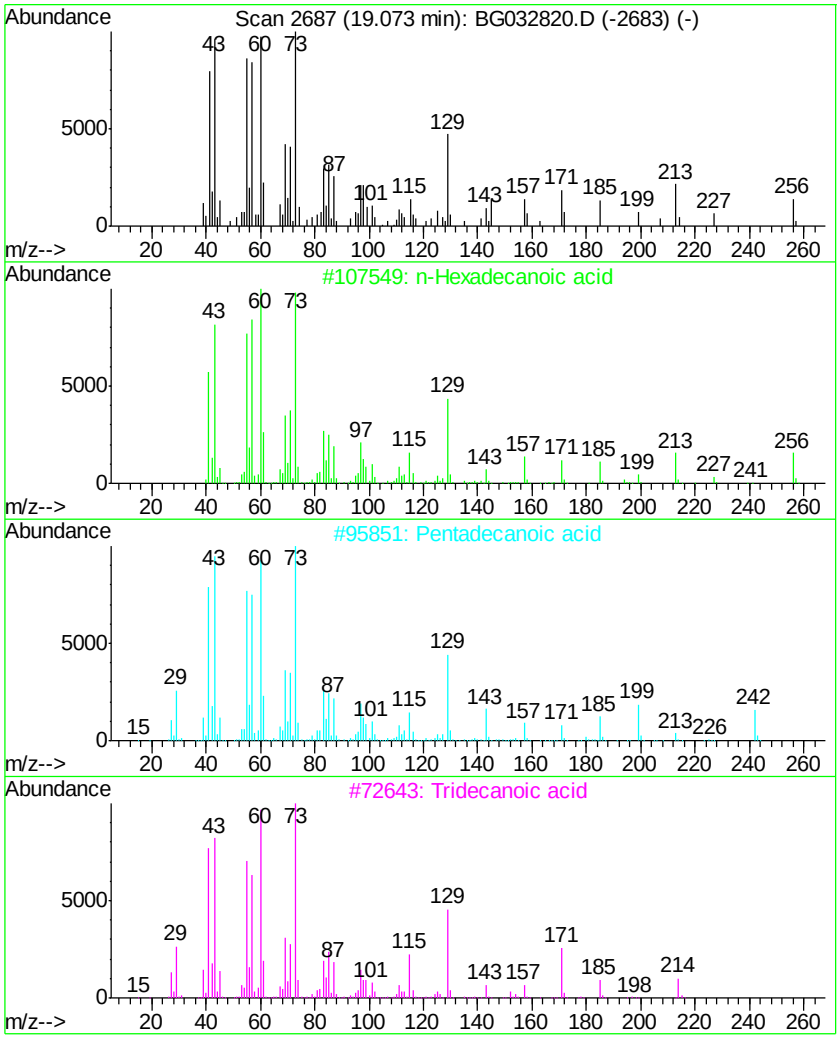
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

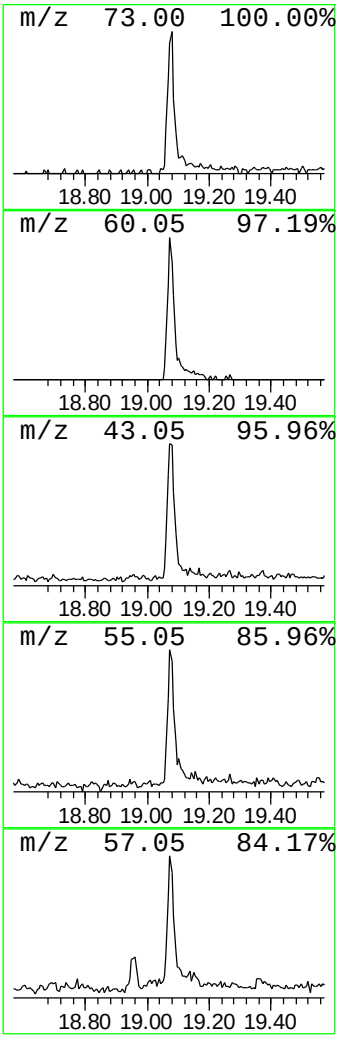
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.77 ng	126091	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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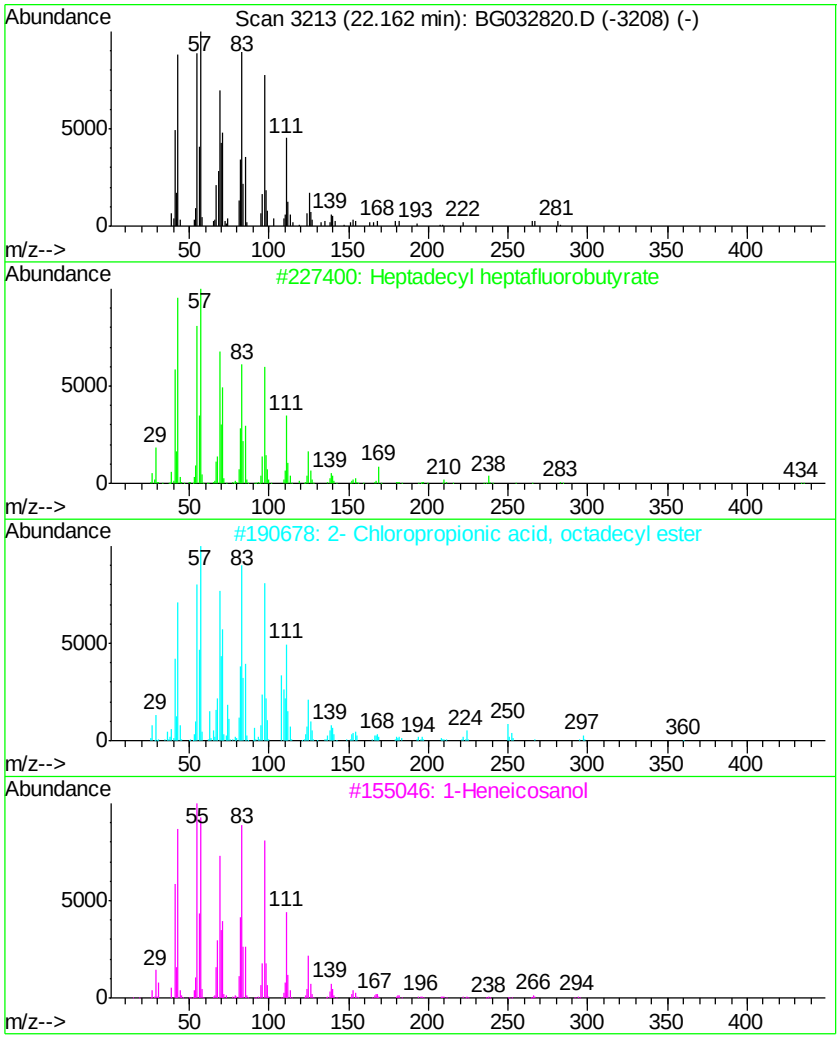
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

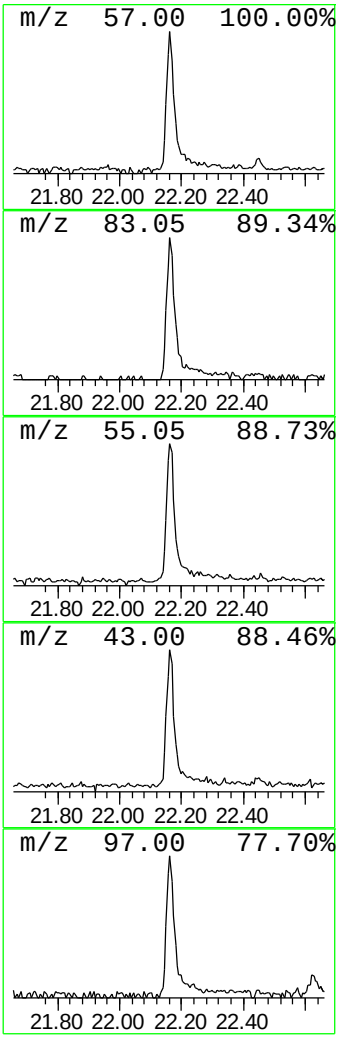
****

Peak Number 9 Heptadecyl heptafluorobutyrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	2.70 ng	145747	Chrysene-d12	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
5	1-Docosene	308	C22H44	001599-67-3	91





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...	3.62	21.1	ng	393425	1	8.93	373631	20.0
2-Pentanone, 4-hy...	5.84	4.9	ng	91188	1	8.93	373631	20.0
unknown8.44	8.44	83.4	ng	1557820	1	8.93	373631	20.0
2-Hydroxy-iso-but...	13.06	2.6	ng	71815	2	11.82	553593	20.0
Benzophenone	16.87	15.1	ng	544906	3	15.54	723185	20.0
n-Hexadecanoic acid	19.07	2.8	ng	126091	4	18.27	910239	20.0
Heptadecyl heptaf...	22.16	2.7	ng	145747	5	22.63	1079580	20.0