LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031681.D
Acq On : 21 Dec 2017 19:59
Operator : SJ/JU
Sample : I6961-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-1(60-62)

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	3.446	22	27	38	rVV2	38719	73909	1.62%	0.324%
2	5.744	411	418	429	rVB2	43110	75400	1.65%	0.330%
3	6.249	496	504	514	rVB	812731	1438551	31.52%	6.302%
4	7.929	781	790	802	rBV	837544	1635226	35.82%	7.164%
5	8.341	852	860	870	rBV	887619	1629020	35.69%	7.136%
6	8.828	936	943	954	rVB	155515	289672	6.35%	1.269%
7	9.169	992	1001	1012	rBV	667718	1248067	27.34%	5.467%
8	10.033	1137	1148	1160	rBV	455625	870657	19.07%	3.814%
9	11.719	1427	1435	1443	rBV	225111	431529	9.45%	1.890%
10	12.976	1643	1649	1659	rBV	53532	89573	1.96%	0.392%
11	14.093	1831	1839	1850	rVB	1713005	2819490	61.77%	12.352%
12	14.886	1967	1974	1982	rBV	207888	319978	7.01%	1.402%
13	15.462	2065	2072	2082	rVB3	400916	681555	14.93%	2.986%
14	16.795	2292	2299	2307	rBV	376254	567160	12.43%	2.485%
15	16.936	2316	2323	2338	rBV	1537081	2486568	54.47%	10.893%
16	18.200	2531	2538	2549	rVB2	615447	959805	21.03%	4.205%
17	19.022	2674	2678	2688	rBV2	67184	104245	2.28%	0.457%
18	20.262	2885	2889	2894	rBV2	50164	69426	1.52%	0.304%
19	20.738	2963	2970	2976	rBV	3296281	4564651	100.00%	19.997%
20	22.119	3200	3205	3215	rVB5	38959	66497	1.46%	0.291%
21	22.559	3272	3280	3289	rBV	622830	1199506	26.28%	5.255%
22	26.355	3915	3926	3942	rVB2	369565	1206546	26.43%	5.286%

Sum of corrected areas: 22827031

LSC Report - Integrated Chromatogram

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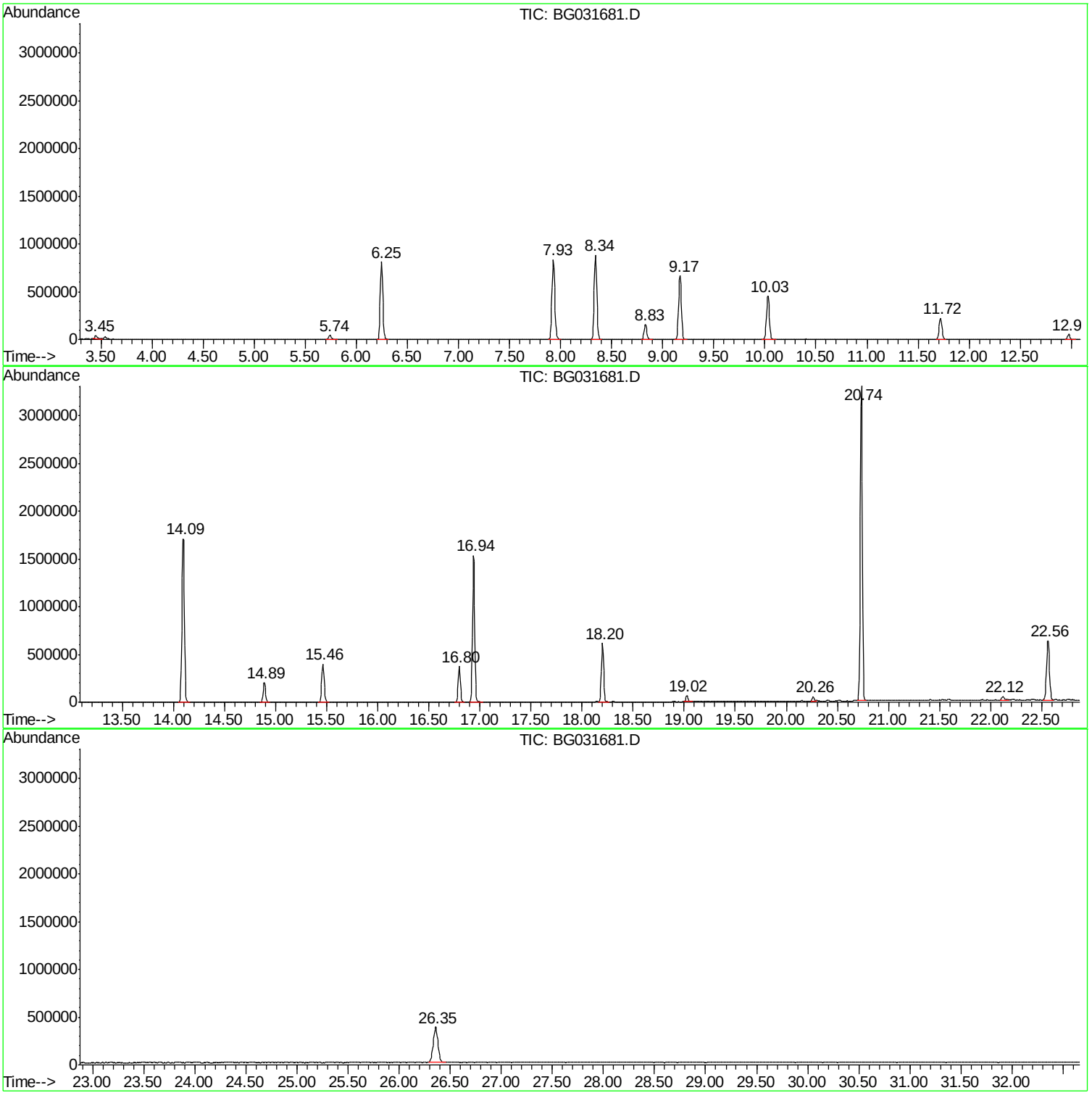
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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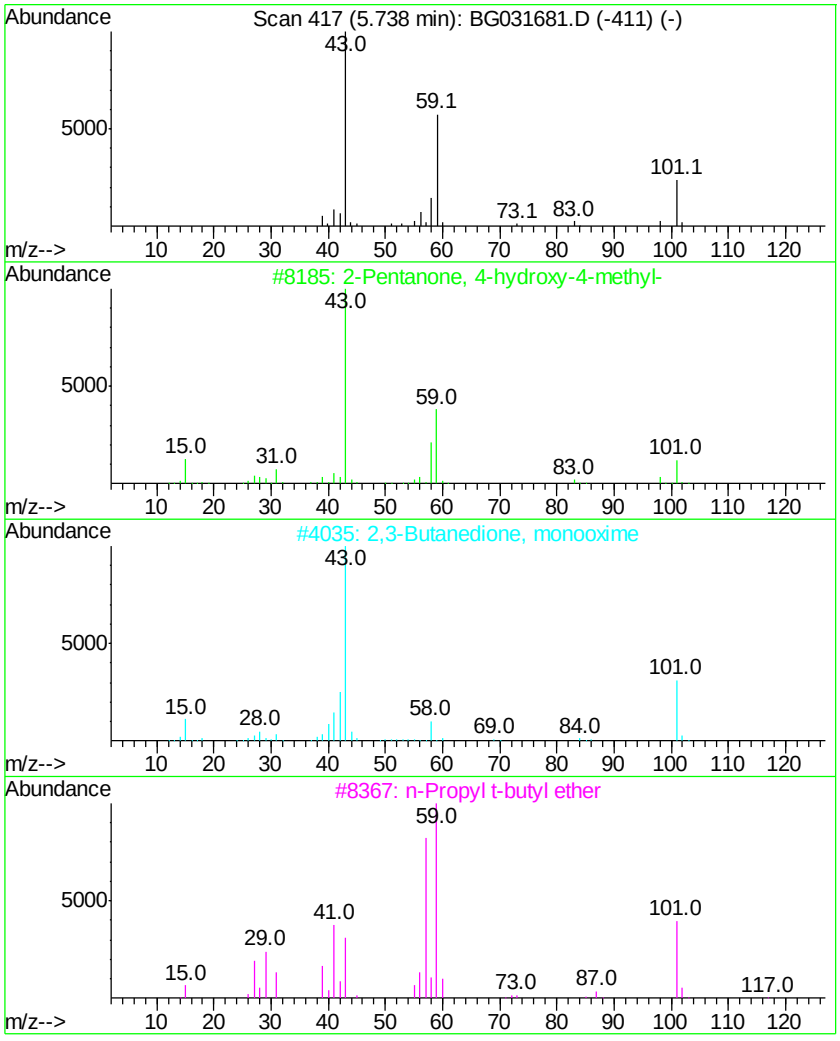
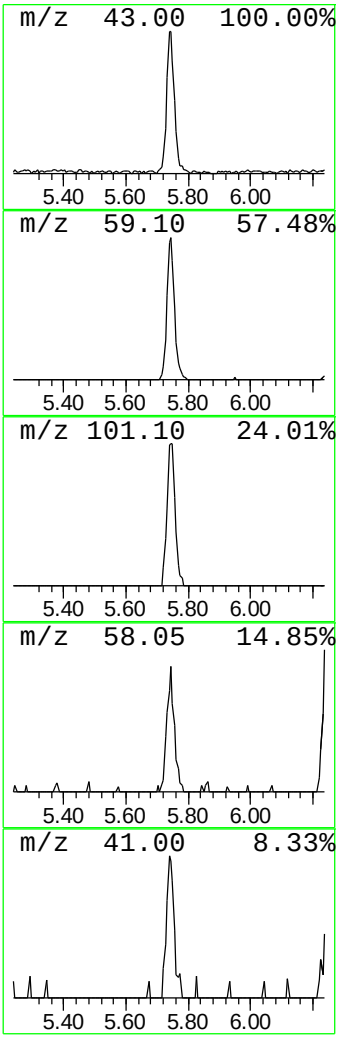
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	5.21 ng	75400	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	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	12





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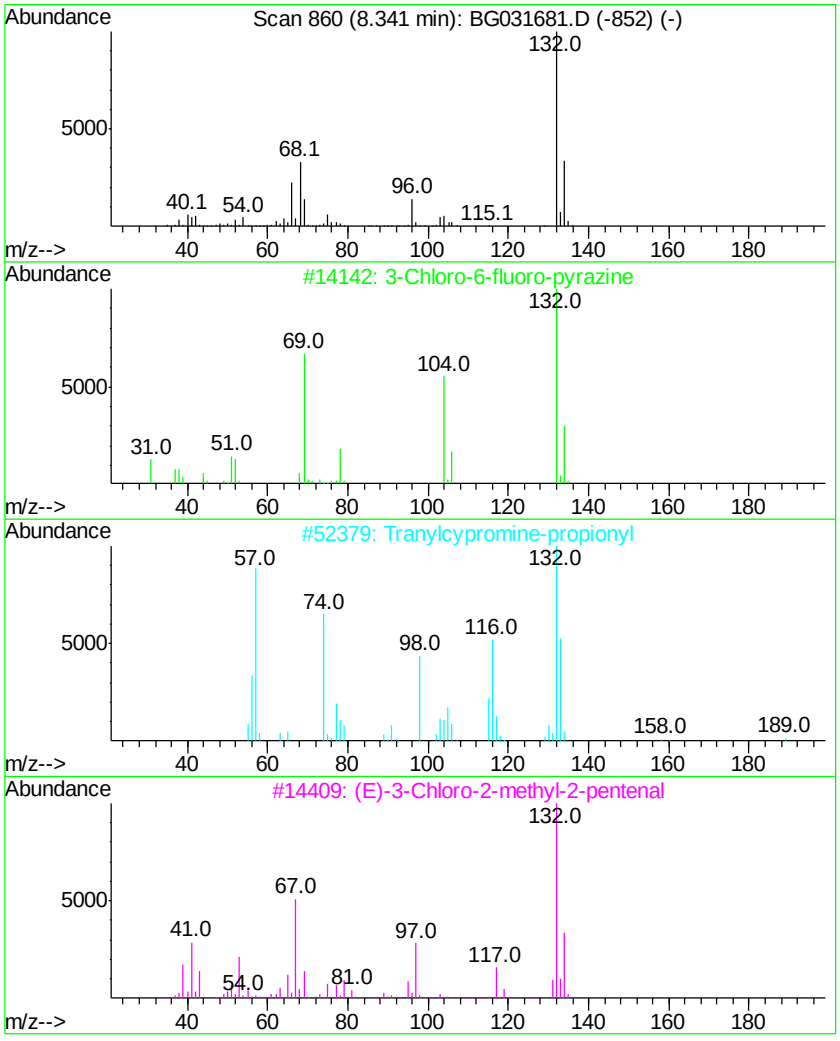
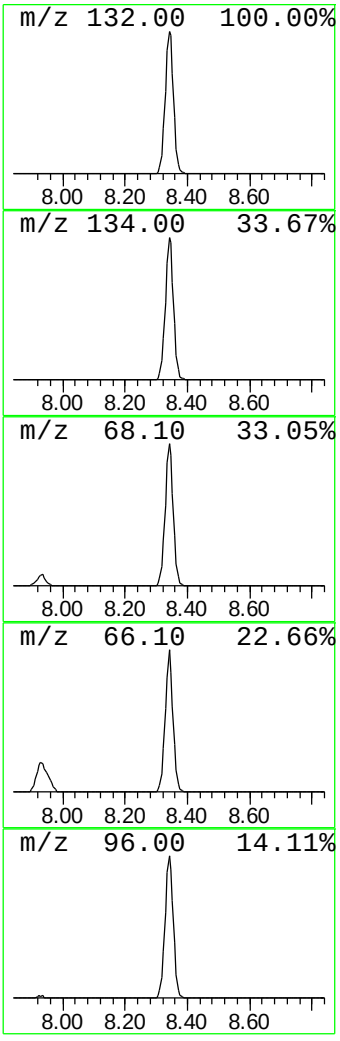
Peak Number 3 unknown8.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	112.47 ng	1629020	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	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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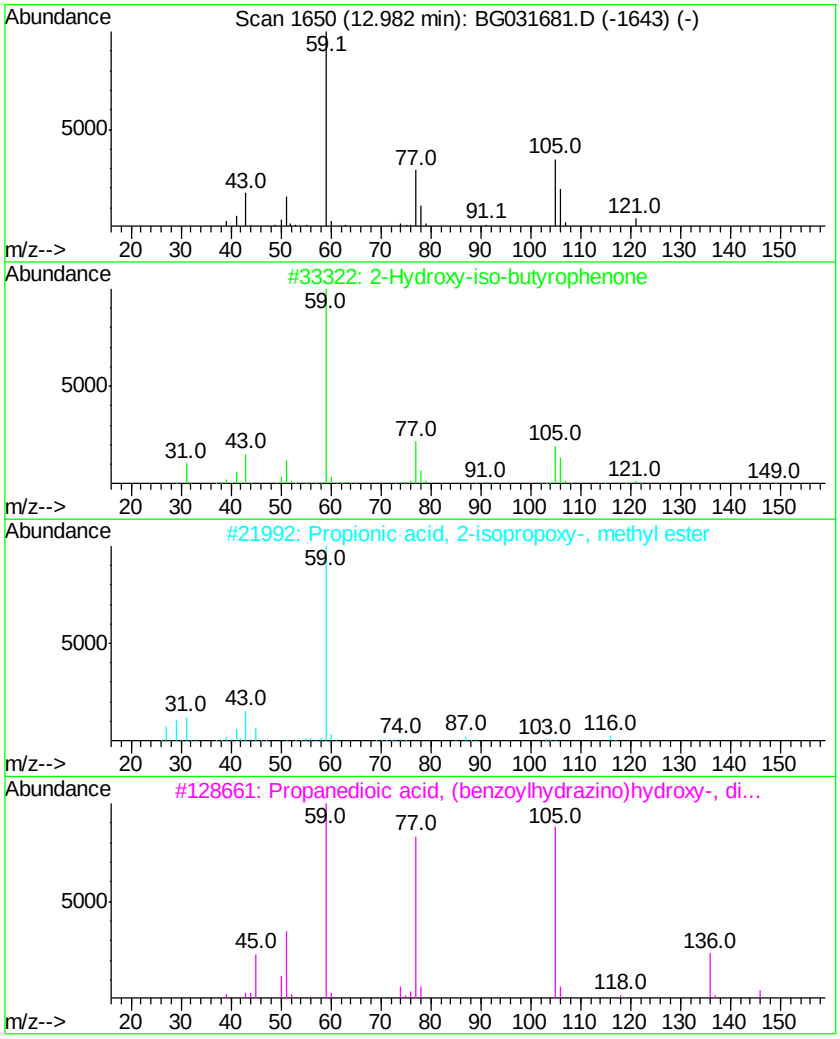
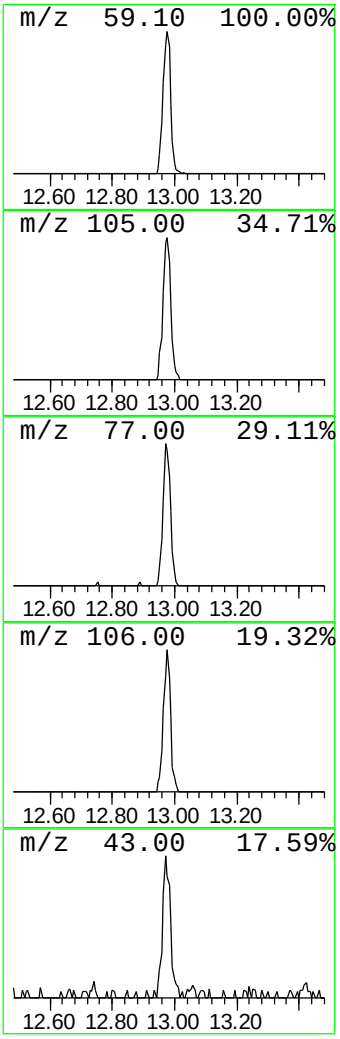
Peak Number 5 unknown12.98 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	4.15 ng	89573	Naphthalene-d8	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	38
2	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	9
3	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	9
4	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	9
5	Diethyl fluoromalonate	178	C7H11FO4	000685-88-1	9





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Instrument : BNA_G
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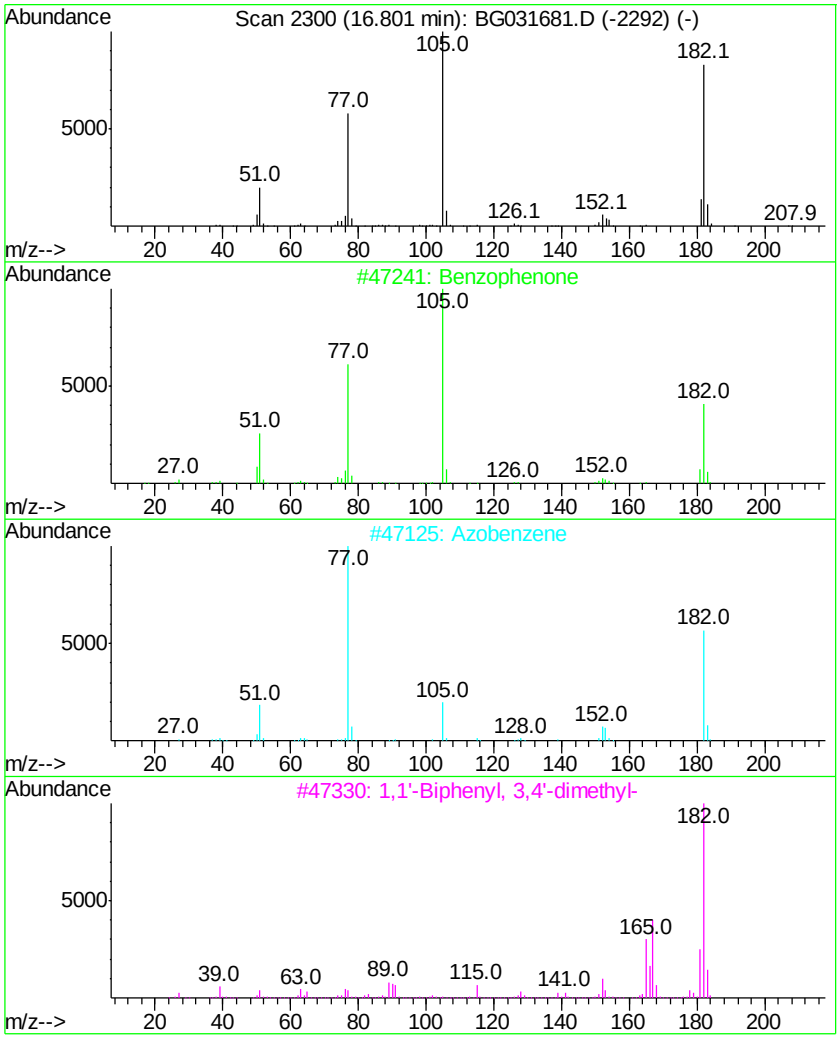
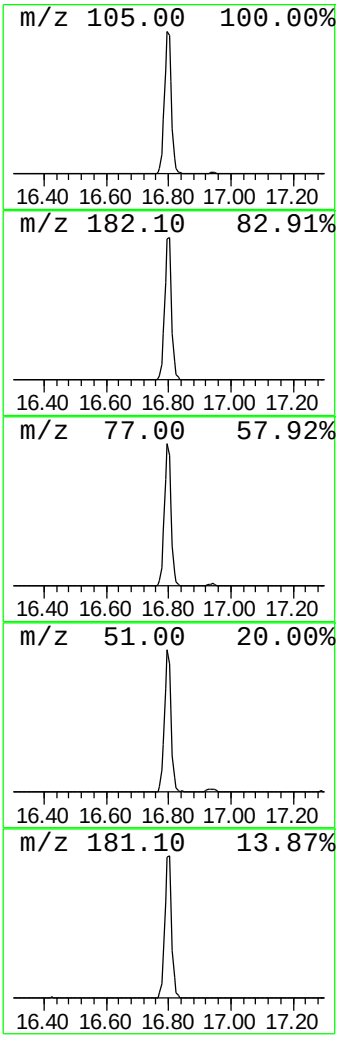
Peak Number 6 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	16.64 ng	567160	Acenaphthene-d10	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	53
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	46
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	43
5	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	43





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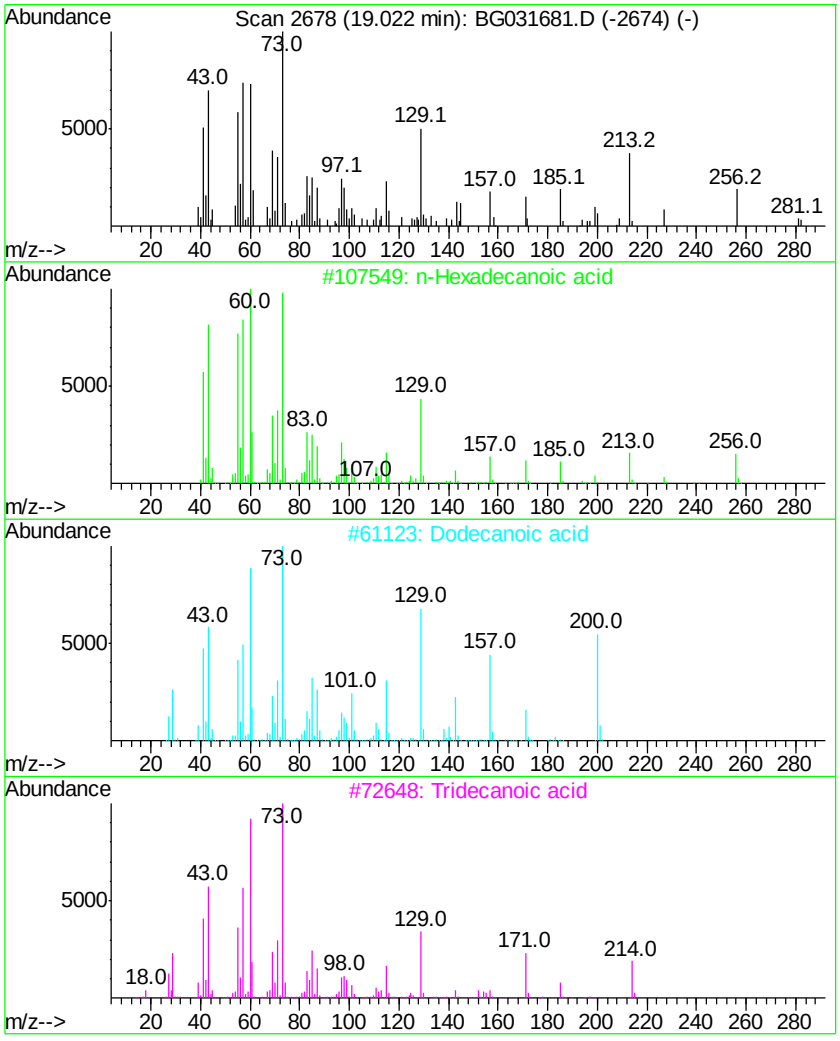
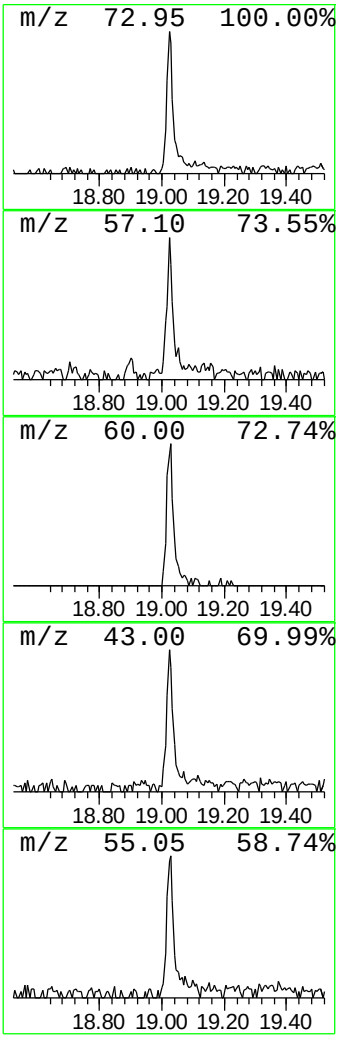
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	2.17 ng	104245	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.74	5.2	ng	75400	1	8.83	289672	20.0
unknown8.34	8.34	112.5	ng	1629020	1	8.83	289672	20.0
unknown12.98	12.98	4.2	ng	89573	2	11.72	431529	20.0
Benzophenone	16.80	16.6	ng	567160	3	15.46	681555	20.0
n-Hexadecanoic acid	19.02	2.2	ng	104245	4	18.20	959805	20.0