LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072816\
Data File : BG023314.D
Acq On : 28 Jul 2016 19:46
Operator : UM/SJ
Sample : H4205-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-42-6.1-15.0

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-BG072616.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	5.193	396	401	409	rBV	134414	209290	1.56%	0.307%
2	5.669	476	482	492	rBV	1923021	3176947	23.61%	4.665%
3	7.285	748	757	768	rBV	1686650	3017369	22.42%	4.431%
4	7.661	810	821	831	rBV	2807236	5036945	37.43%	7.397%
5	8.136	894	902	908	rBV	606278	1052761	7.82%	1.546%
6	8.460	949	957	966	rBV	2272573	4053980	30.13%	5.953%
7	9.311	1092	1102	1111	rBV	2065917	3814789	28.35%	5.602%
8	10.974	1376	1385	1393	rBV	914533	1681587	12.50%	2.469%
9	13.423	1789	1802	1811	rBV	5867079	9455847	70.27%	13.886%
10	14.252	1937	1943	1950	rBV	155902	251121	1.87%	0.369%
11	14.810	2031	2038	2047	rVB3	1518437	2553260	18.97%	3.750%
12	15.773	2195	2202	2206	rBV2	115352	189763	1.41%	0.279%
13	16.308	2285	2293	2308	rBV	5084533	8234169	61.19%	12.092%
14	17.571	2501	2508	2515	rBV2	2141580	3305627	24.57%	4.854%
15	19.715	2869	2873	2882	rBV2	95863	196286	1.46%	0.288%
16	19.856	2892	2897	2904	rVB	529200	607782	4.52%	0.893%
17	20.179	2946	2952	2959	rBV	9703165	13456086	100.00%	19.760%
18	20.901	3070	3075	3080	rBV	430759	482264	3.58%	0.708%
19	21.894	3236	3244	3252	rBV2	2111490	3668242	27.26%	5.387%
20	25.296	3812	3823	3837	rBV3	1166713	3651880	27.14%	5.363%

Sum of corrected areas: 68095995

LSC Report - Integrated Chromatogram

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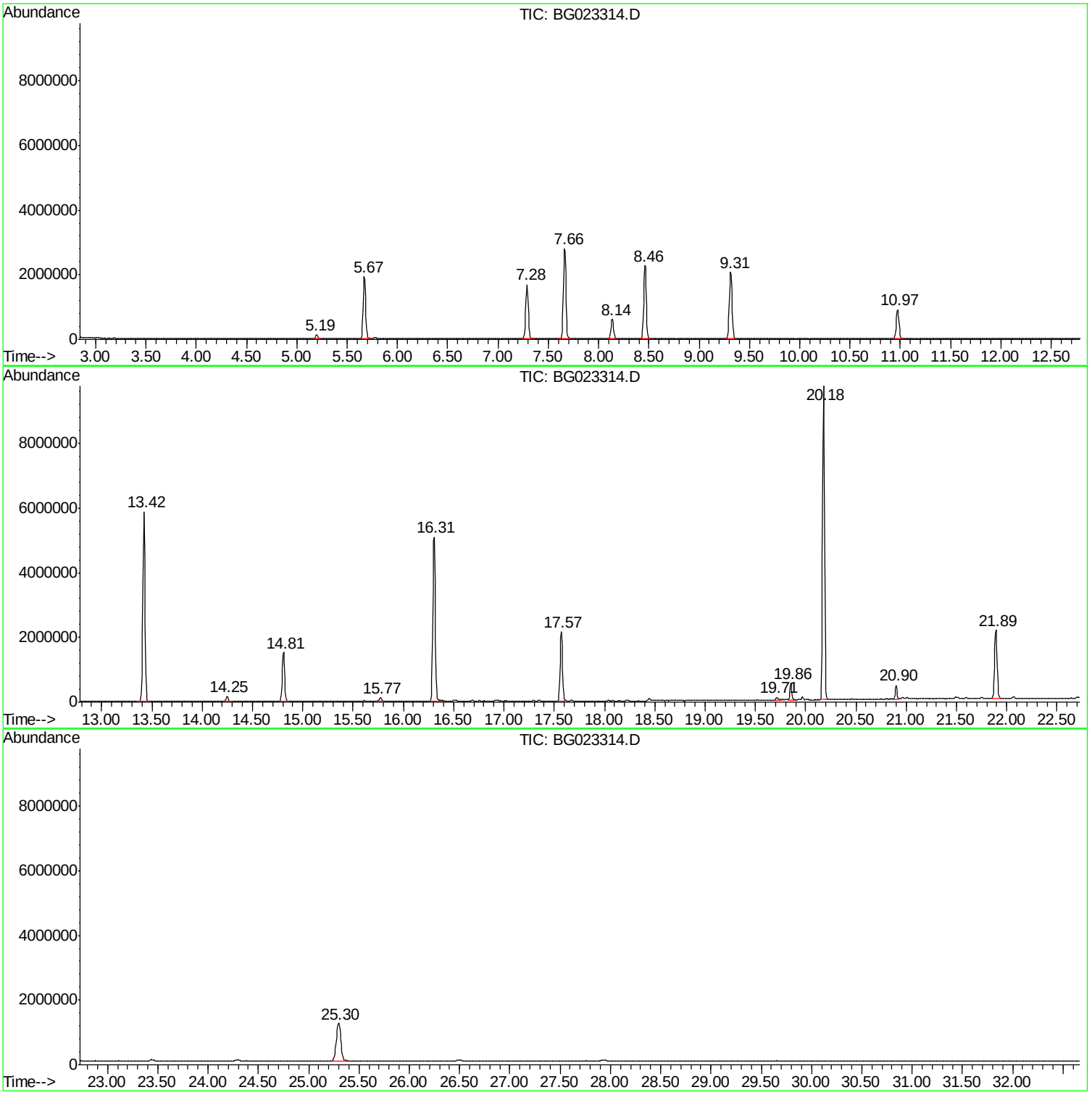
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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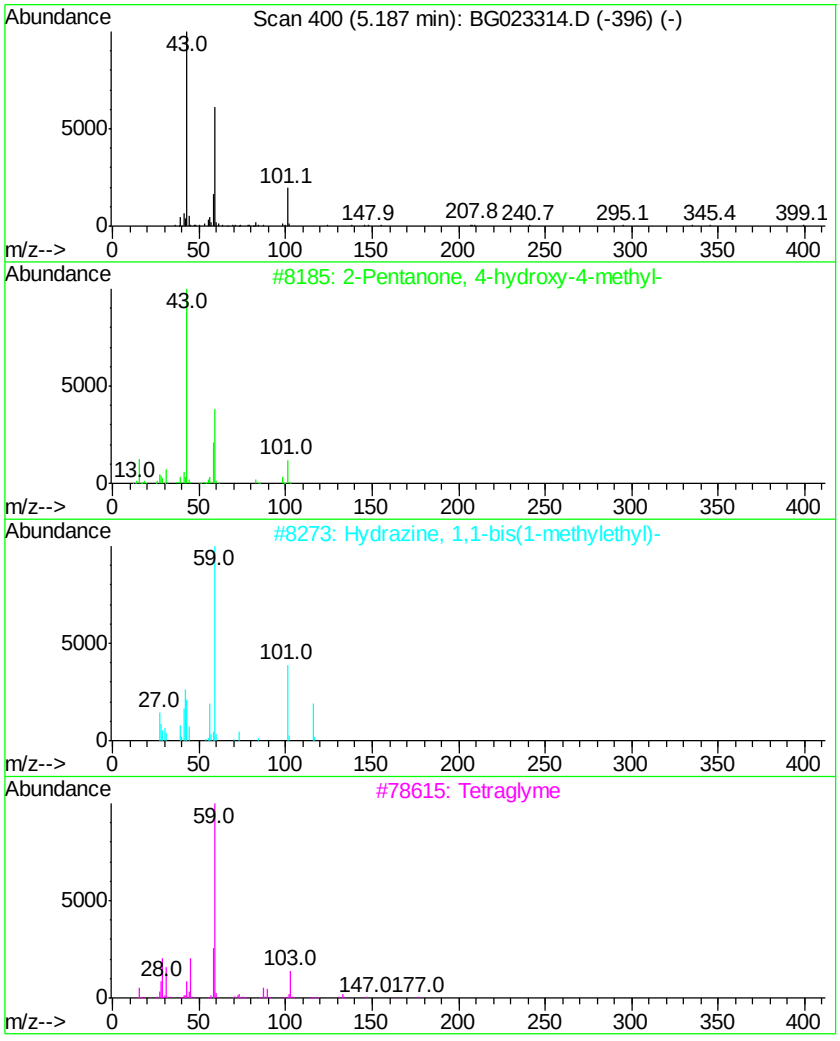
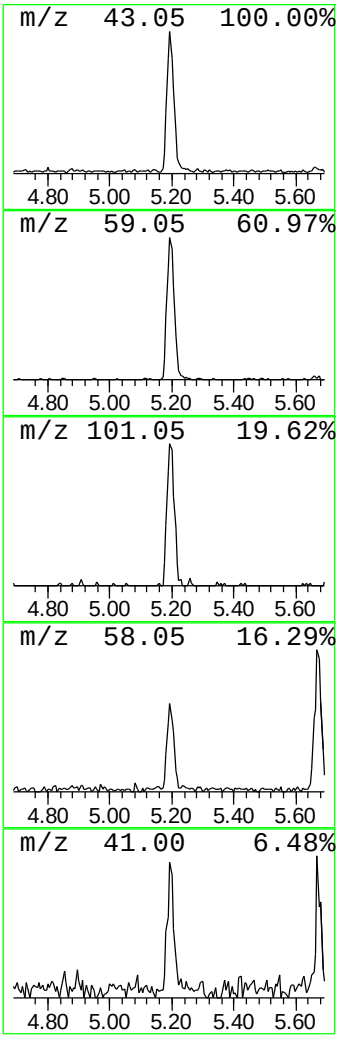
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.98 ng	209290	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Tetraglyme	222	C10H22O5	000143-24-8	23
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	17
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	17





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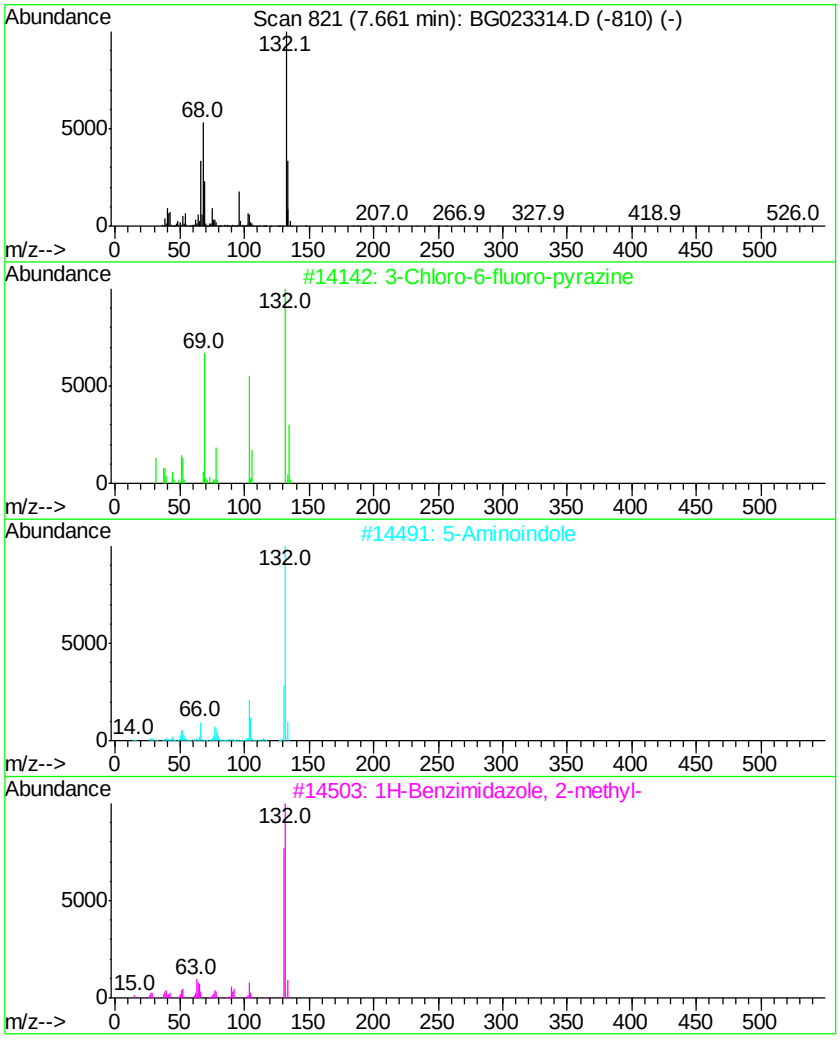
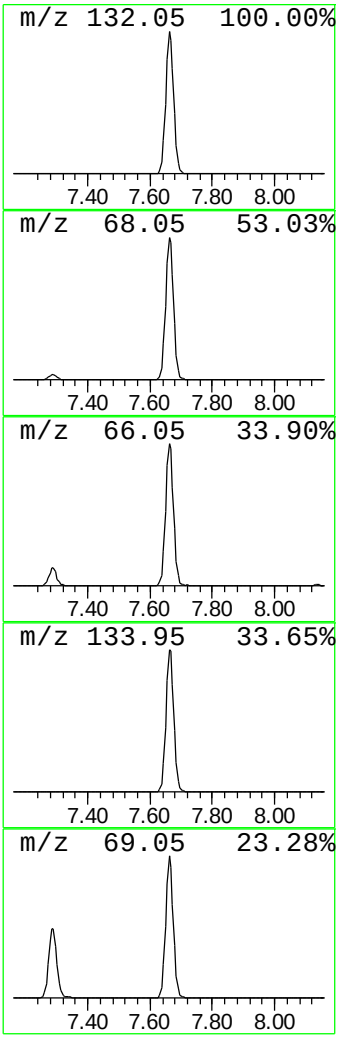
Peak Number 2 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	95.69 ng	5036950	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	12





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Instrument : BNA_G
ClientSampleId : GW-42-6.1-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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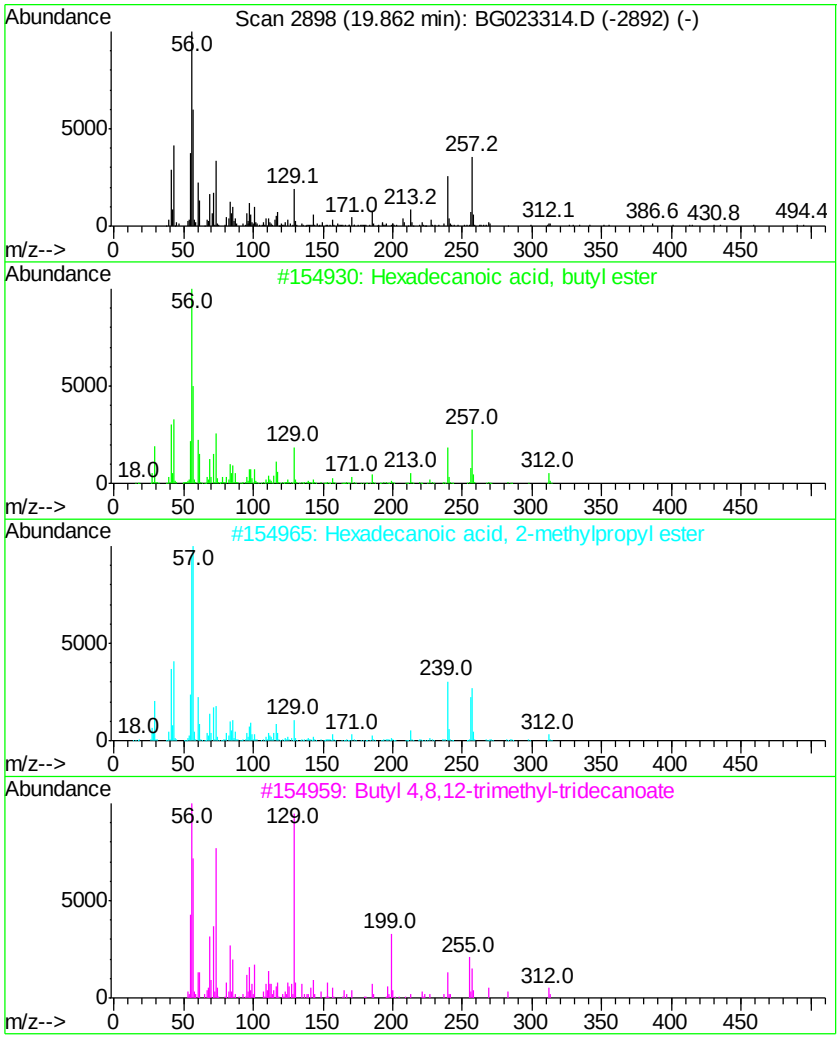
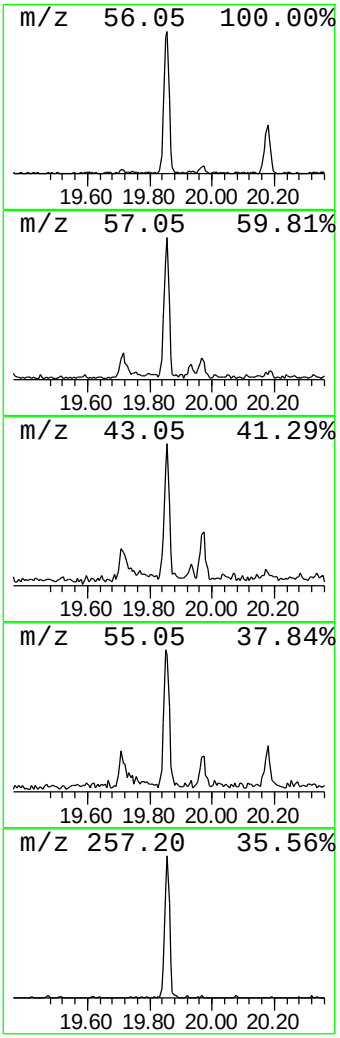
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	3.31 ng	607782	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	45
3	Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	42
4	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	30
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	27





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Instrument : BNA_G
ClientSampleId : GW-42-6.1-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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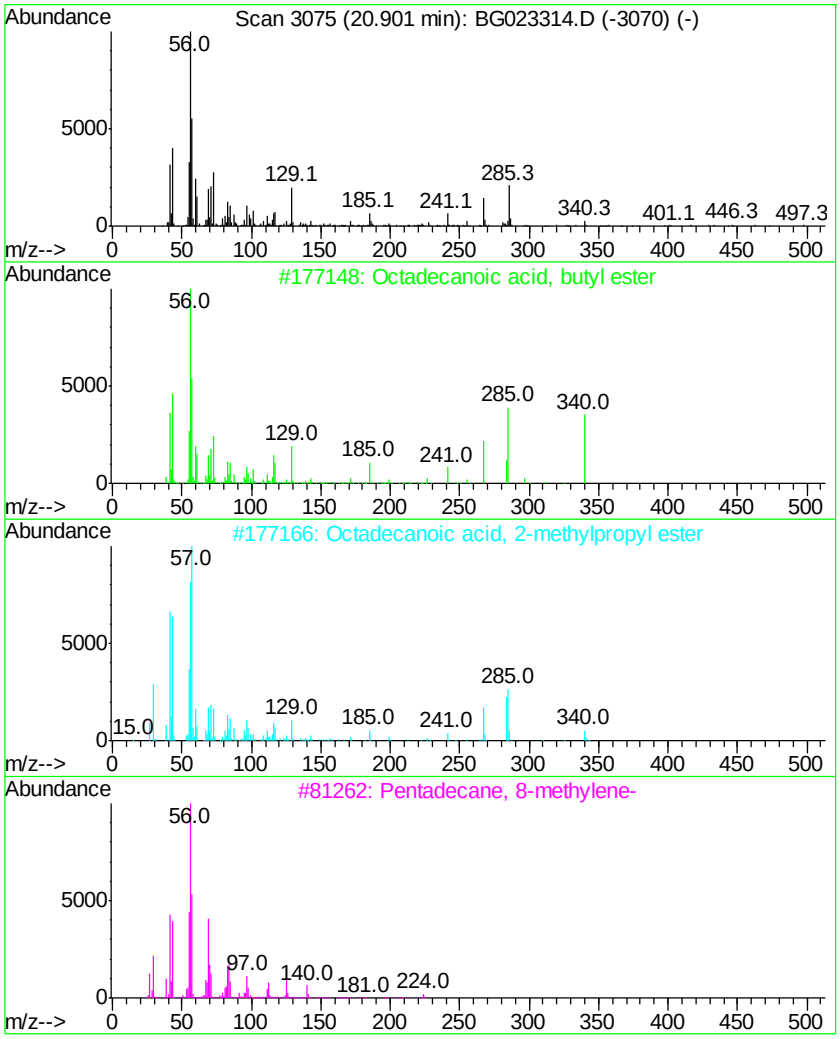
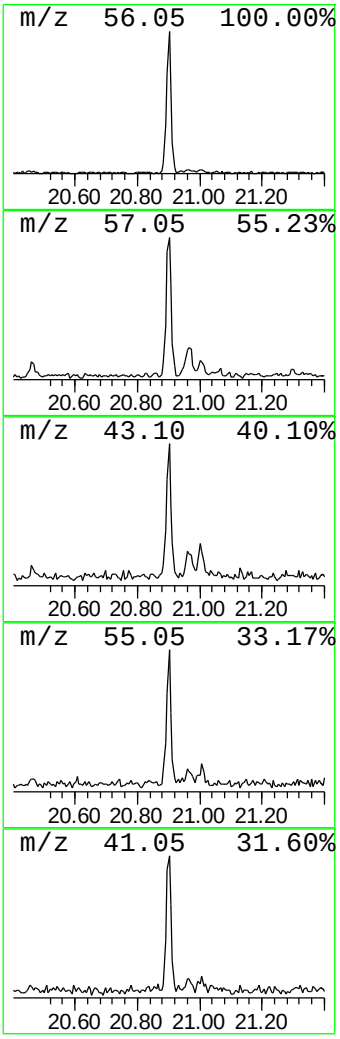
Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.63 ng	482264	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	72
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	46
3	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	38
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	5.19	4.0	ng	209290	1	8.14	1052760	20.0
unknown7.66	7.66	95.7	ng	5036950	1	8.14	1052760	20.0
Hexadecanoic acid...	19.86	3.3	ng	607782	5	21.89	3668240	20.0
Octadecanoic acid...	20.90	2.6	ng	482264	5	21.89	3668240	20.0