LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038530.D
Acq On : 13 Dec 2018 13:27
Operator : JU/SJ
Sample : J6275-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BF-02-120418

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-BG121218.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	3.181	11	16	29	rVB	159804	248219	11.82%	2.511%
2	5.143	344	350	359	rVB	24391	44435	2.12%	0.450%
3	5.607	422	429	437	rBV	406168	686923	32.70%	6.949%
4	7.211	694	702	714	rBV	439364	839731	39.97%	8.495%
5	7.587	758	766	776	rBV	403181	721228	34.33%	7.296%
6	8.057	840	846	856	rBV	71001	122329	5.82%	1.238%
7	8.381	893	901	911	rVB	297916	532465	25.35%	5.387%
8	9.233	1038	1046	1056	rBV	259967	493683	23.50%	4.994%
9	10.878	1319	1326	1334	rBV	87710	163434	7.78%	1.653%
10	13.316	1734	1741	1751	rBV	708138	1120462	53.34%	11.335%
11	14.139	1876	1881	1893	rVB2	47250	73762	3.51%	0.746%
12	14.697	1970	1976	1984	rBV2	148987	252413	12.02%	2.553%
13	16.183	2222	2229	2240	rBV2	635736	998468	47.53%	10.101%
14	17.441	2437	2443	2455	rBB2	221918	352002	16.76%	3.561%
15	18.304	2585	2590	2602	rBV2	60065	103967	4.95%	1.052%
16	19.567	2800	2805	2820	rBV3	25297	47271	2.25%	0.478%
17	20.043	2880	2886	2893	rBV	1591819	2100753	100.00%	21.252%
18	21.318	3098	3103	3111	rBV	59451	107008	5.09%	1.083%
19	21.718	3164	3171	3179	rVB	251347	419528	19.97%	4.244%
20	23.175	3412	3419	3426	rBV4	14385	28941	1.38%	0.293%
21	25.008	3714	3731	3742	rBV2	137136	427996	20.37%	4.330%

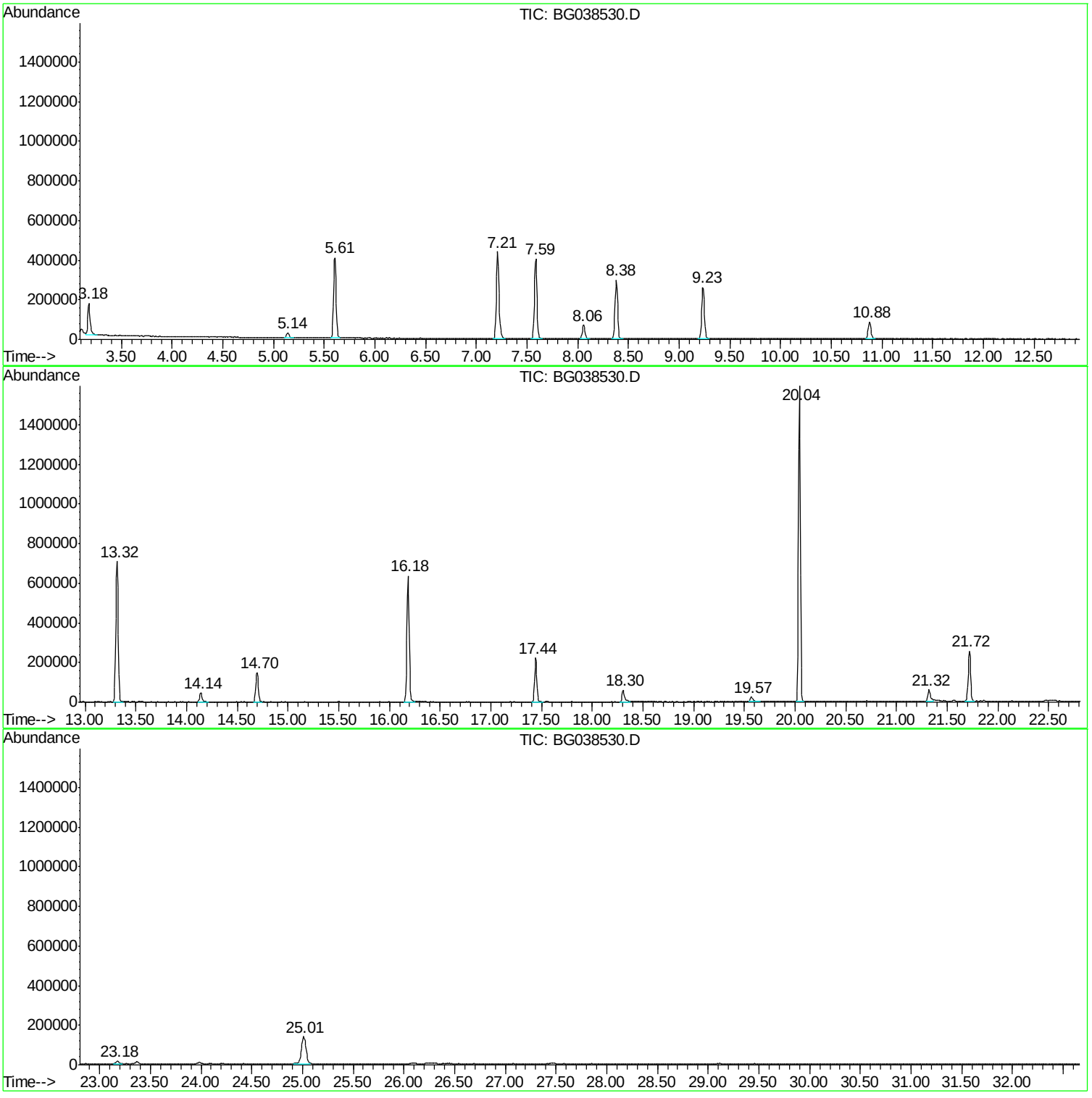
Sum of corrected areas: 9885018

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038530.D
Acq On : 13 Dec 2018 13:27
Operator : JU/SJ
Sample : J6275-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BF-02-120418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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\BG121218\
Data File : BG038530.D
Acq On : 13 Dec 2018 13:27
Operator : JU/SJ
Sample : J6275-02
Misc :
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Instrument : BNA_G
ClientSampleId : BF-02-120418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

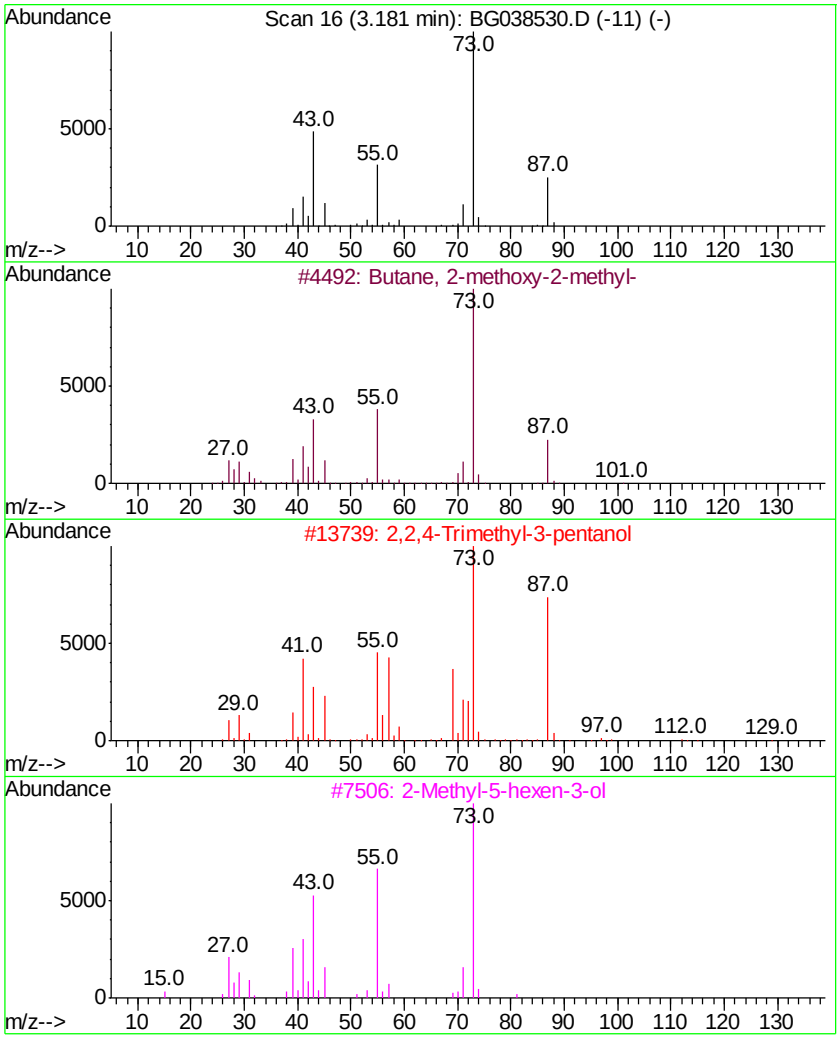
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

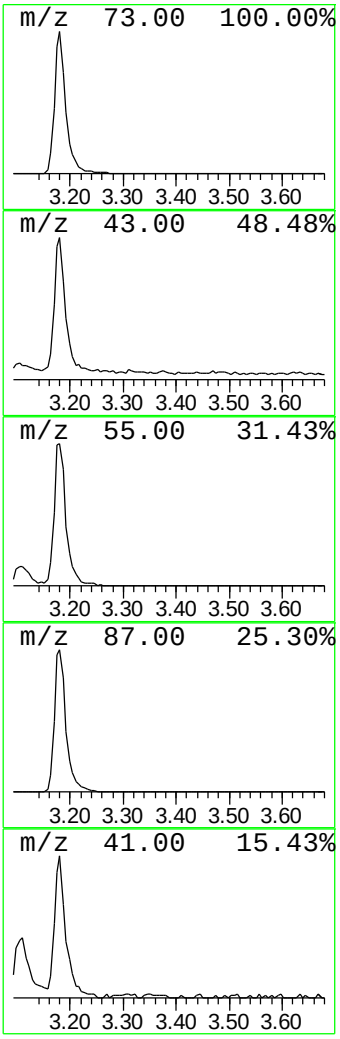
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	40.58 ng	248219	1,4-Dichlorobenzene-d4	8.06

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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038530.D
Acq On : 13 Dec 2018 13:27
Operator : JU/SJ
Sample : J6275-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BF-02-120418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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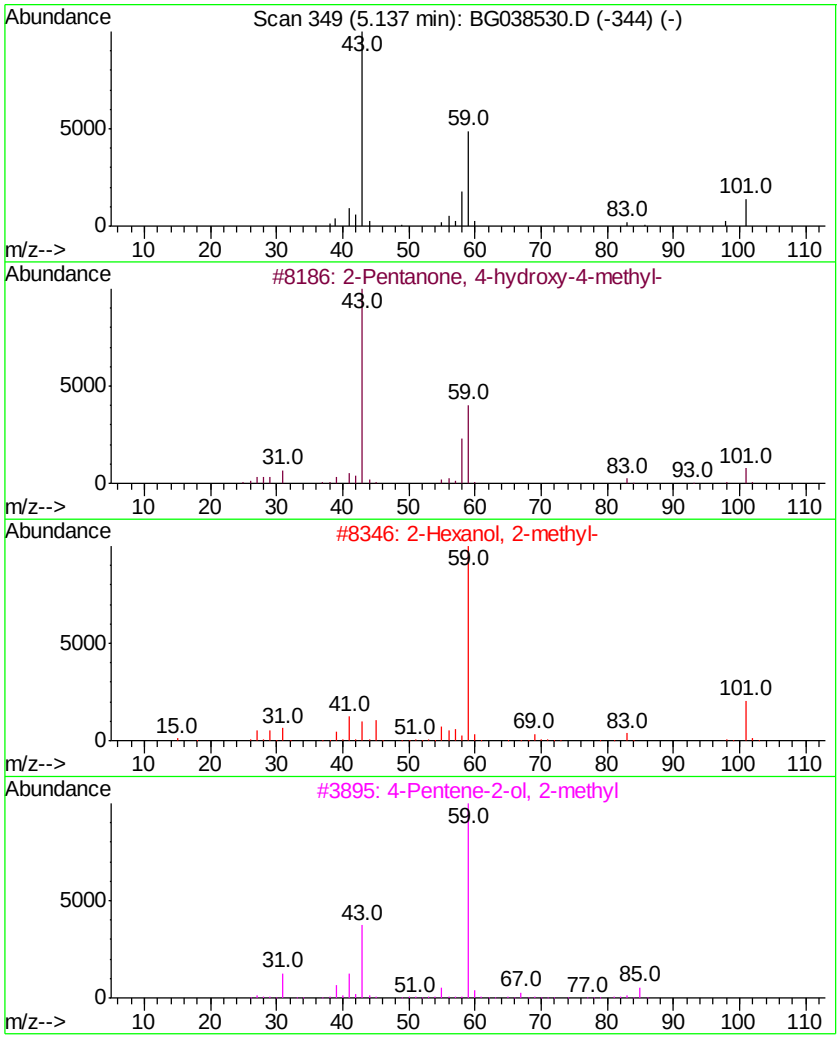
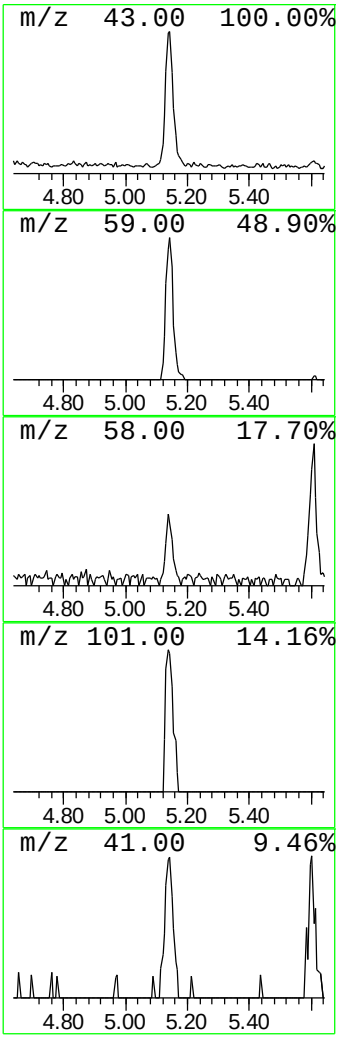
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	7.26 ng	44435	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038530.D
Acq On : 13 Dec 2018 13:27
Operator : JU/SJ
Sample : J6275-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BF-02-120418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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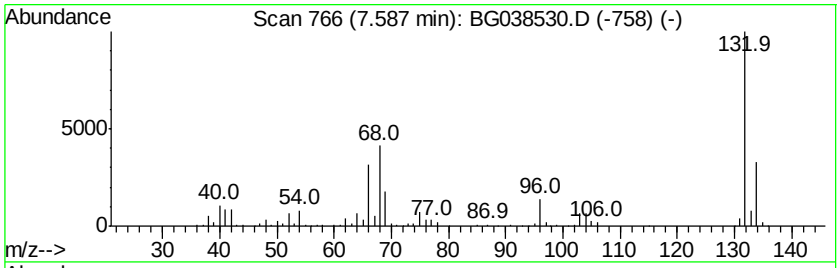
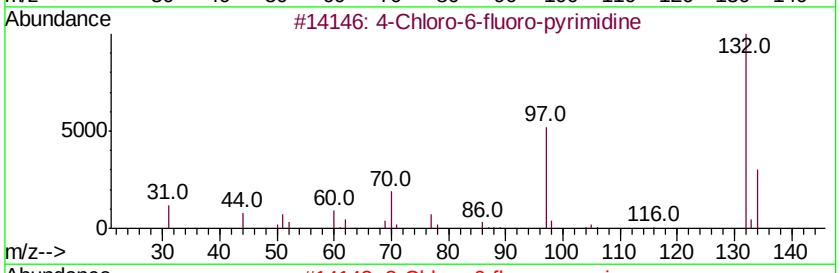
****

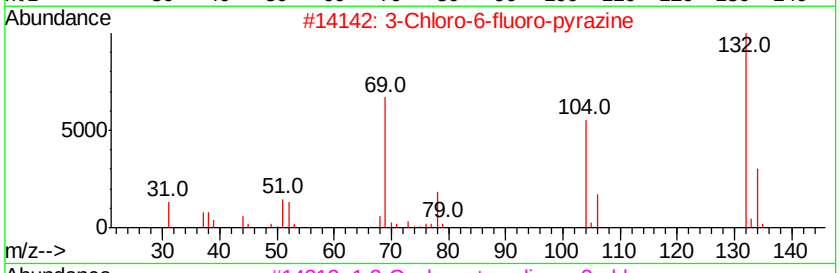
Peak Number 3 unknown7.59 Concentration Rank 1

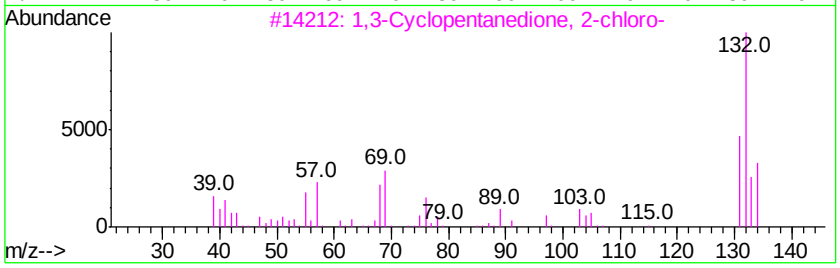
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	117.92 ng	721228	1,4-Dichlorobenzene-d4	8.06

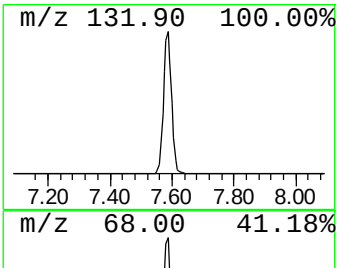
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22

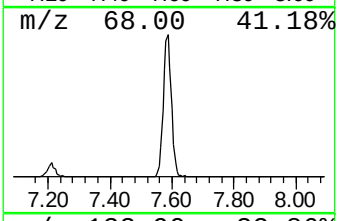


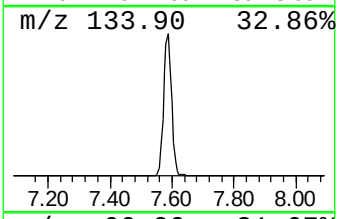


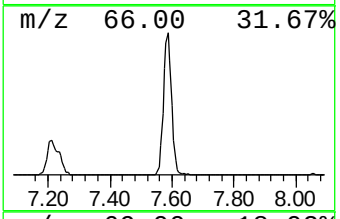


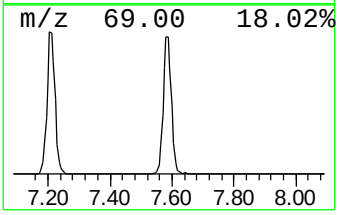












Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BF-02-120418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

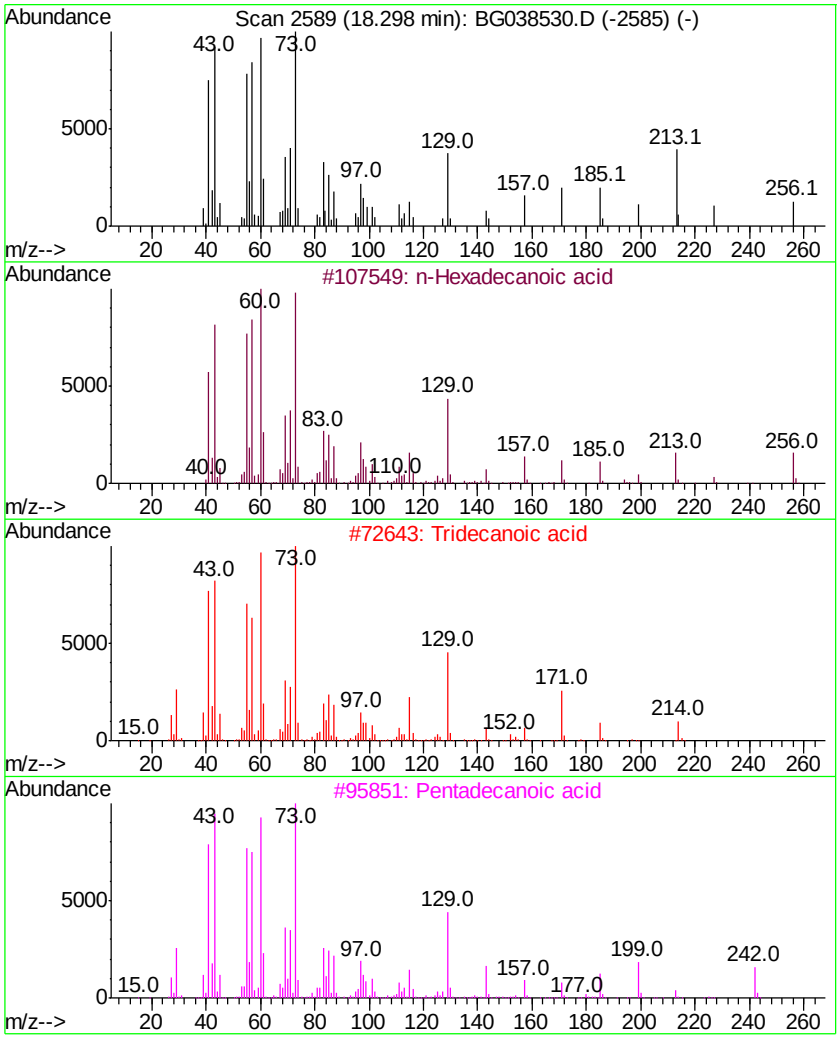
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

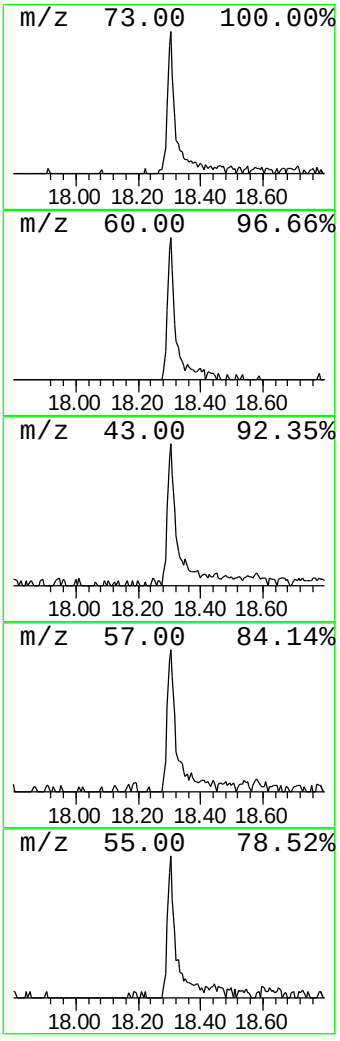
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.91 ng	103967	Phenanthrene-d10	17.44

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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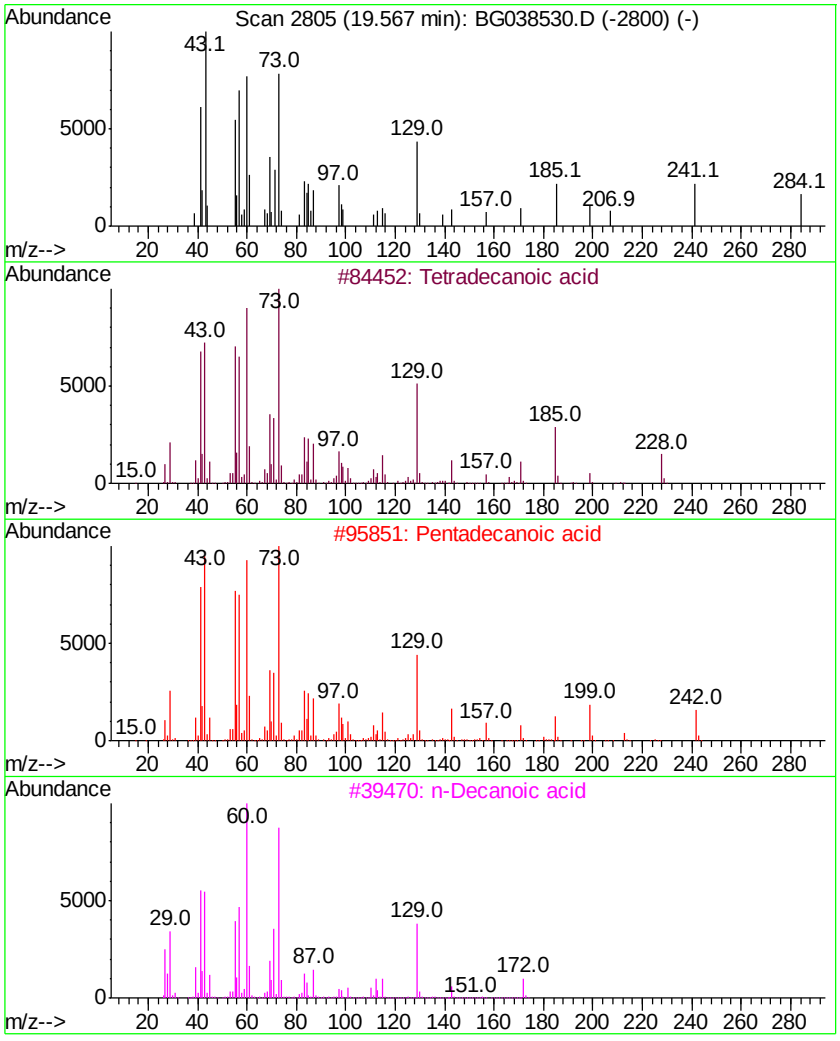
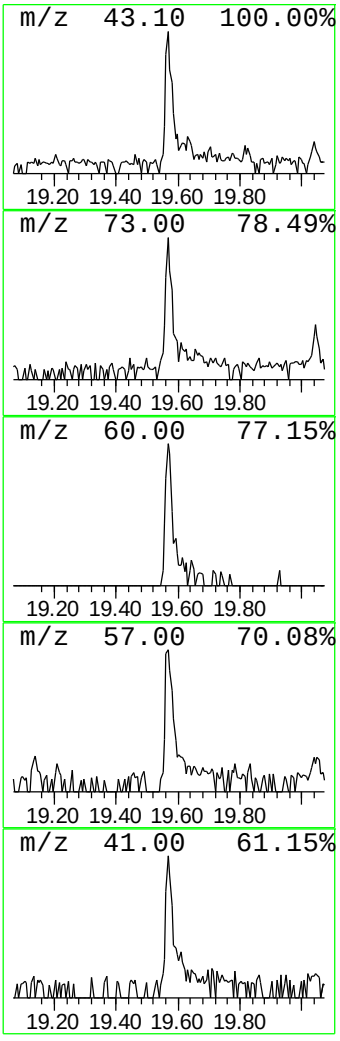
****

Peak Number 6 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	2.69 ng	47271	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
5	Tridecanoic acid	214	C13H26O2	000638-53-9	42





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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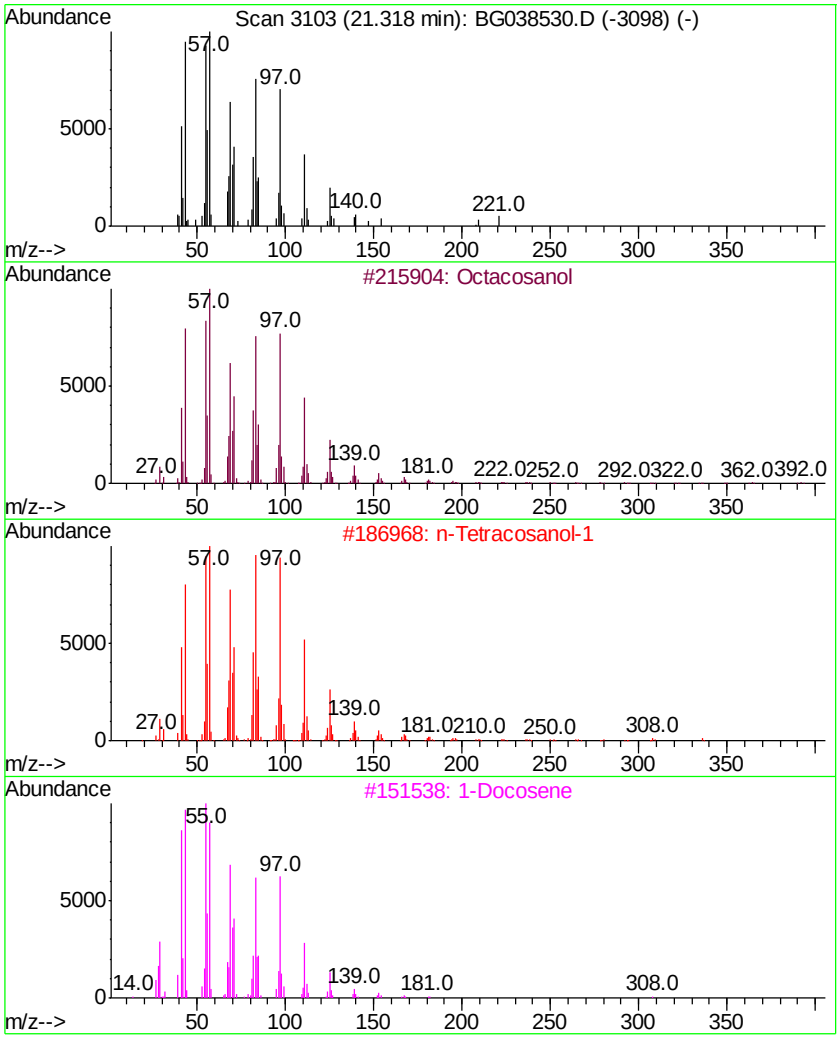
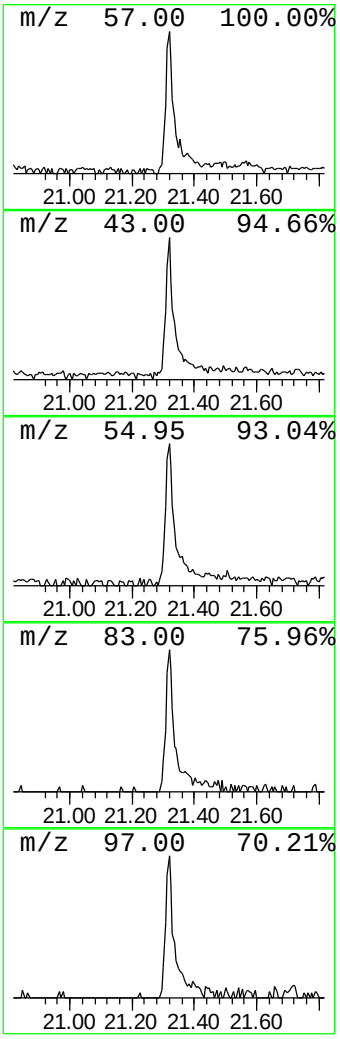
****

Peak Number 7 Octacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	5.10 ng	107008	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	1-Docosene	308	C22H44	001599-67-3	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	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...	3.18	40.6	ng	248219	1	8.06	122329	20.0
2-Pentanone, 4-hy...	5.14	7.3	ng	44435	1	8.06	122329	20.0
unknown7.59	7.59	117.9	ng	721228	1	8.06	122329	20.0
n-Hexadecanoic acid	18.30	5.9	ng	103967	4	17.44	352002	20.0
Tetradecanoic acid	19.57	2.7	ng	47271	4	17.44	352002	20.0
Octacosanol	21.32	5.1	ng	107008	5	21.72	419528	20.0