LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061105.D
Acq On : 3 May 2024 14:06
Operator : MA/JU
Sample : P2331-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061105.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.077	8	15	22	rBV3	7149	18489	1.22%	0.250%
2	3.153	22	28	39	rVB	167173	275326	18.17%	3.719%
3	3.670	113	116	123	rBV	11088	16027	1.06%	0.216%
4	5.057	347	352	357	rBV	12091	17939	1.18%	0.242%
5	5.527	425	432	440	rBV	302041	486479	32.11%	6.571%
6	7.107	692	701	713	rBV	343498	580757	38.33%	7.844%
7	7.936	834	842	849	rBV	97090	161824	10.68%	2.186%
8	9.087	1030	1038	1048	rBV	218521	383804	25.33%	5.184%
9	10.497	1269	1278	1287	rBV3	23560	43729	2.89%	0.591%
10	10.727	1309	1317	1326	rVB	136924	231737	15.29%	3.130%
11	13.183	1728	1735	1742	rBV	605230	912095	60.20%	12.320%
12	14.563	1963	1970	1977	rBV	221734	340780	22.49%	4.603%
13	16.050	2217	2223	2237	rBV	559913	863649	57.00%	11.665%
14	17.307	2431	2437	2447	rVB	282621	419076	27.66%	5.660%
15	18.206	2585	2590	2599	rBV2	33276	55591	3.67%	0.751%
16	19.928	2877	2883	2892	rBV	1192873	1515209	100.00%	20.466%
17	20.245	2930	2937	2942	rBV3	13221	20686	1.37%	0.279%
18	20.738	3018	3021	3025	rVB	16918	20805	1.37%	0.281%
19	21.238	3102	3106	3111	rBV2	35257	51378	3.39%	0.694%
20	21.567	3155	3162	3175	rBV2	285400	504139	33.27%	6.809%
21	21.772	3194	3197	3203	rVB3	19618	31759	2.10%	0.429%
22	22.372	3295	3299	3303	rVB2	19466	29274	1.93%	0.395%
23	23.042	3408	3413	3416	rBV5	14645	25576	1.69%	0.345%
24	24.687	3683	3693	3703	rBV	122202	397468	26.23%	5.369%

Sum of corrected areas: 7403596

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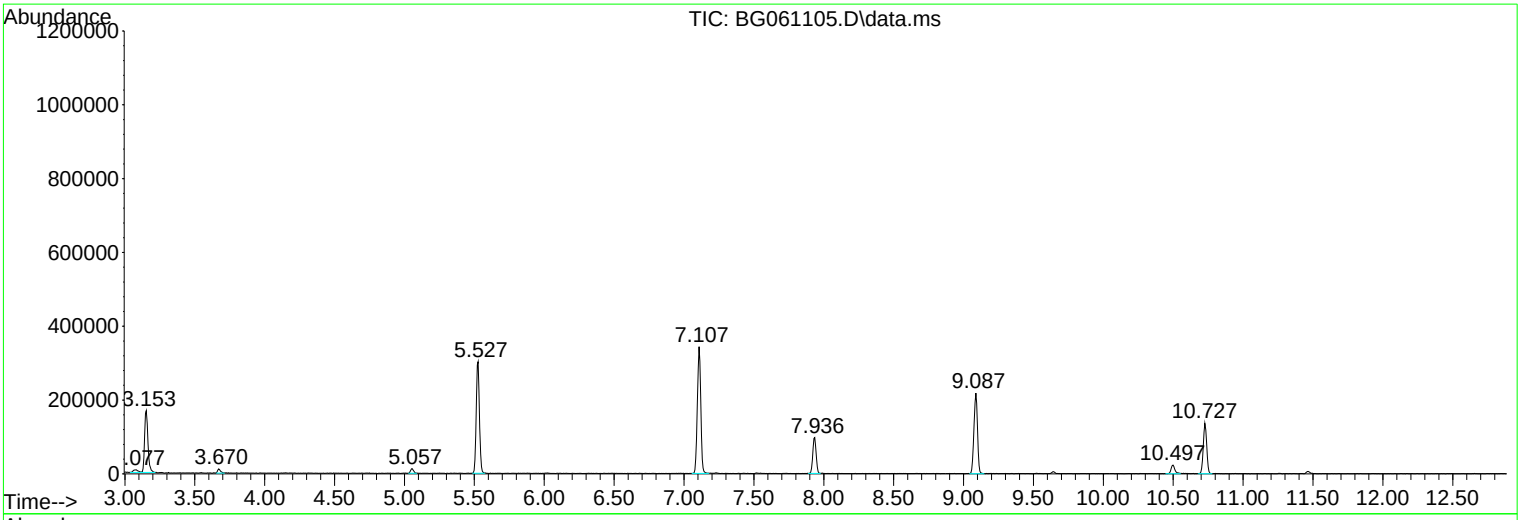
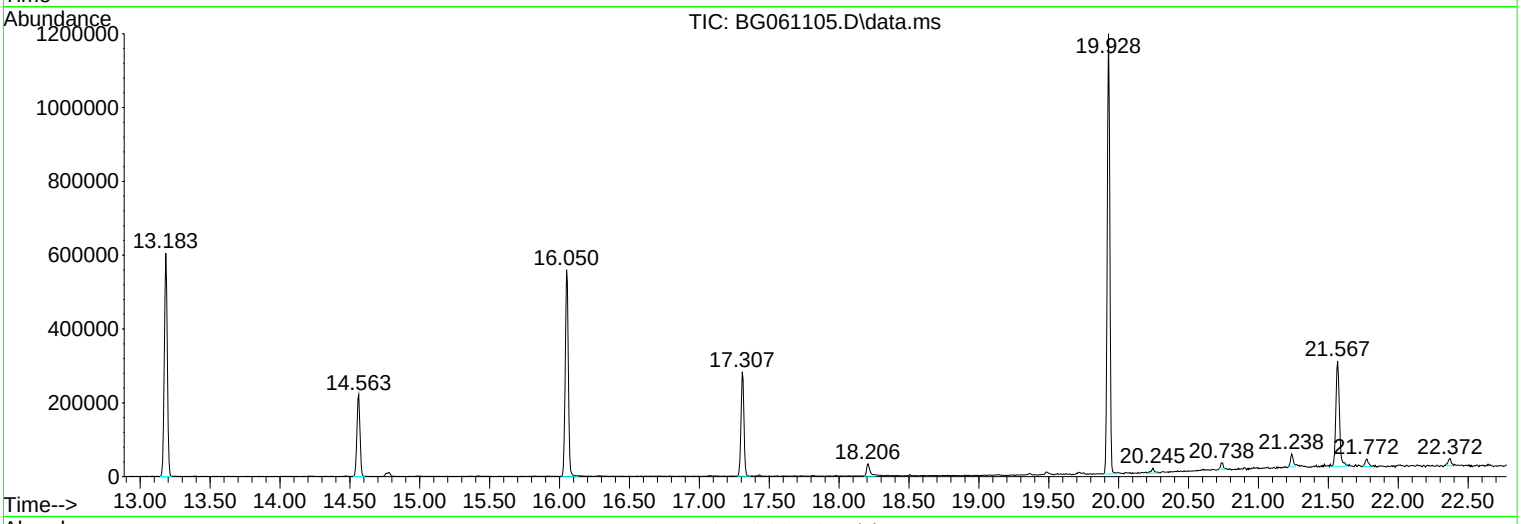
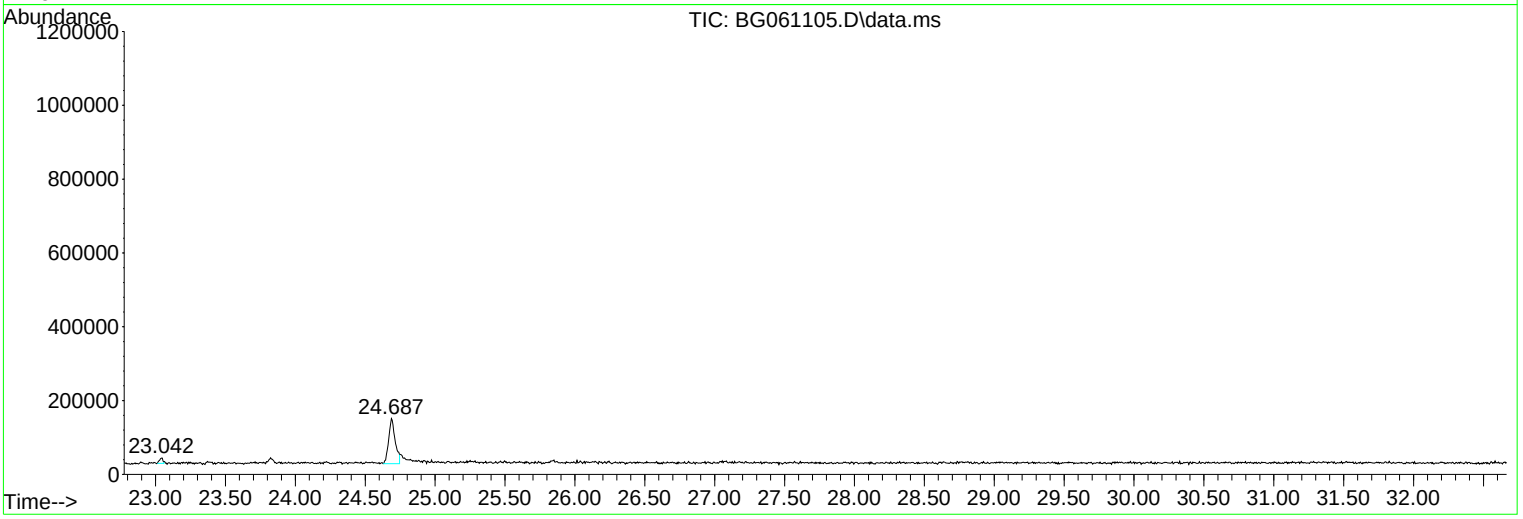
Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

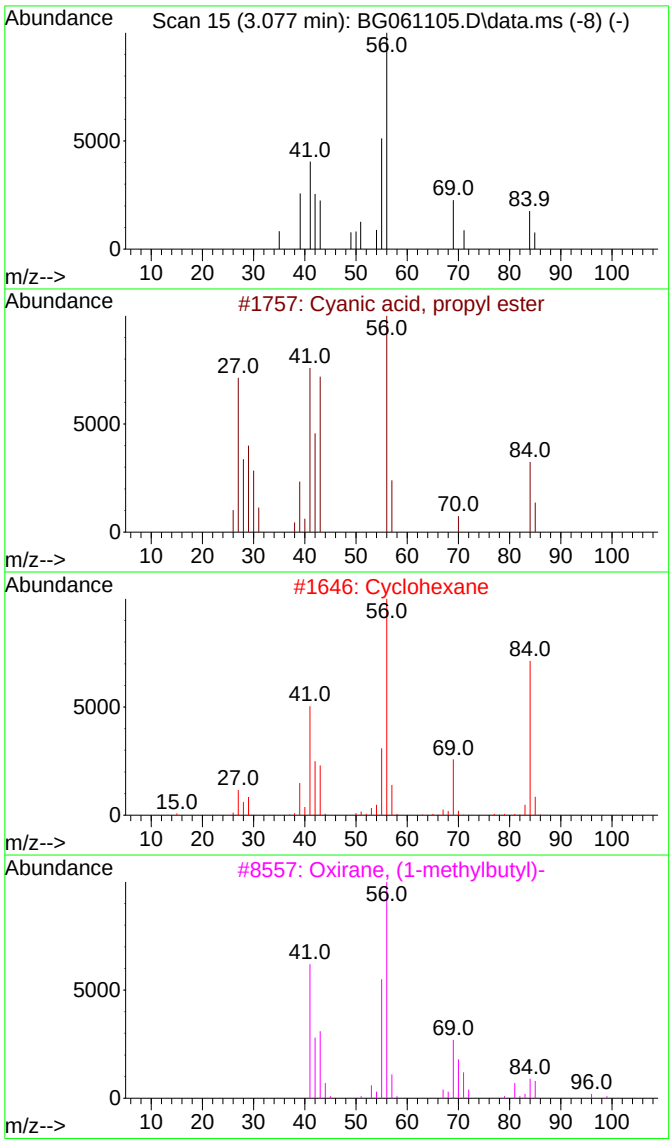
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

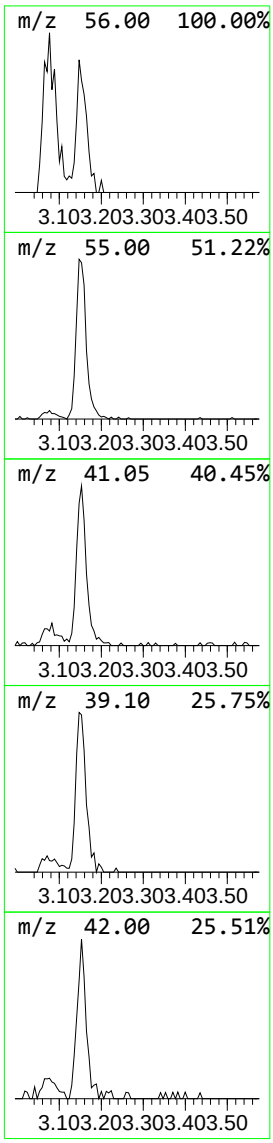
****

Peak Number 1 Cyanic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.077	2.29 ng	18489	1,4-Dichlorobenzene-d4	7.930

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyanic acid, propyl ester	85	C4H7NO	001768-36-1	64
2	Cyclohexane	84	C6H12	000110-82-7	64
3	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	56
4	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	45
5	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	40





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Sample : P2331-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

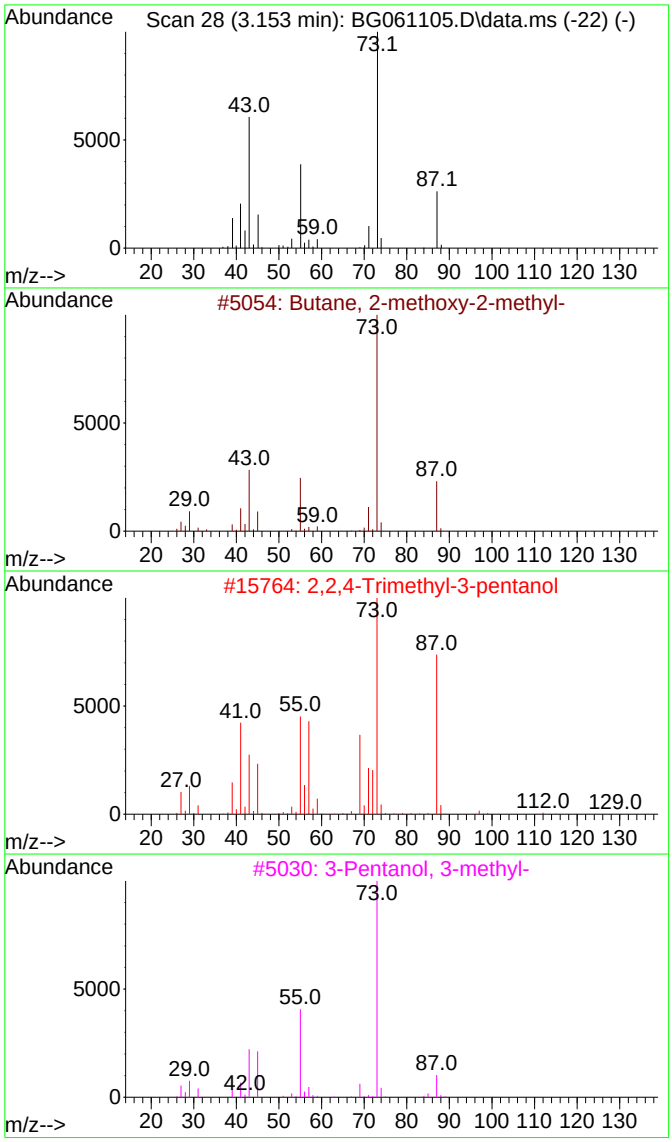
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

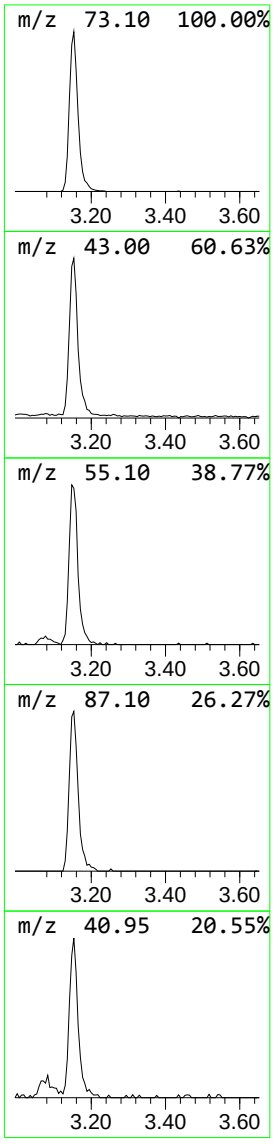
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.153	34.03 ng	275326	1,4-Dichlorobenzene-d4	7.930

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
4	2-OXOPROPIONAMIDE	87	C3H5NO2	000631-66-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061105.D
Acq On : 3 May 2024 14:06
Operator : MA/JU
Sample : P2331-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

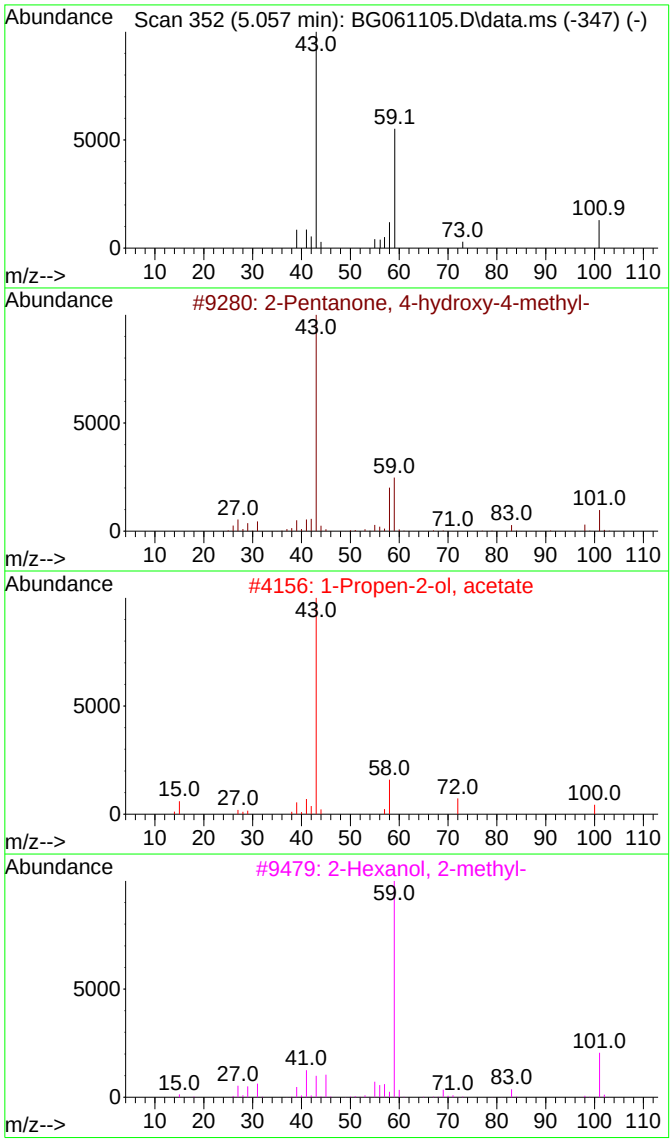
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

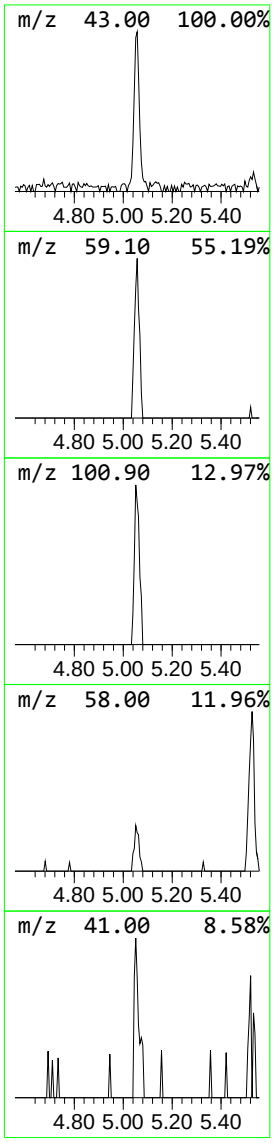
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	2.22 ng	17939	1,4-Dichlorobenzene-d4	7.930

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
4	3-Octanol	130	C8H18O	000589-98-0	9
5	3-Hexanol	102	C6H14O	000623-37-0	9





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Sample : P2331-01
Misc :
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Instrument :
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ClientSampleId :
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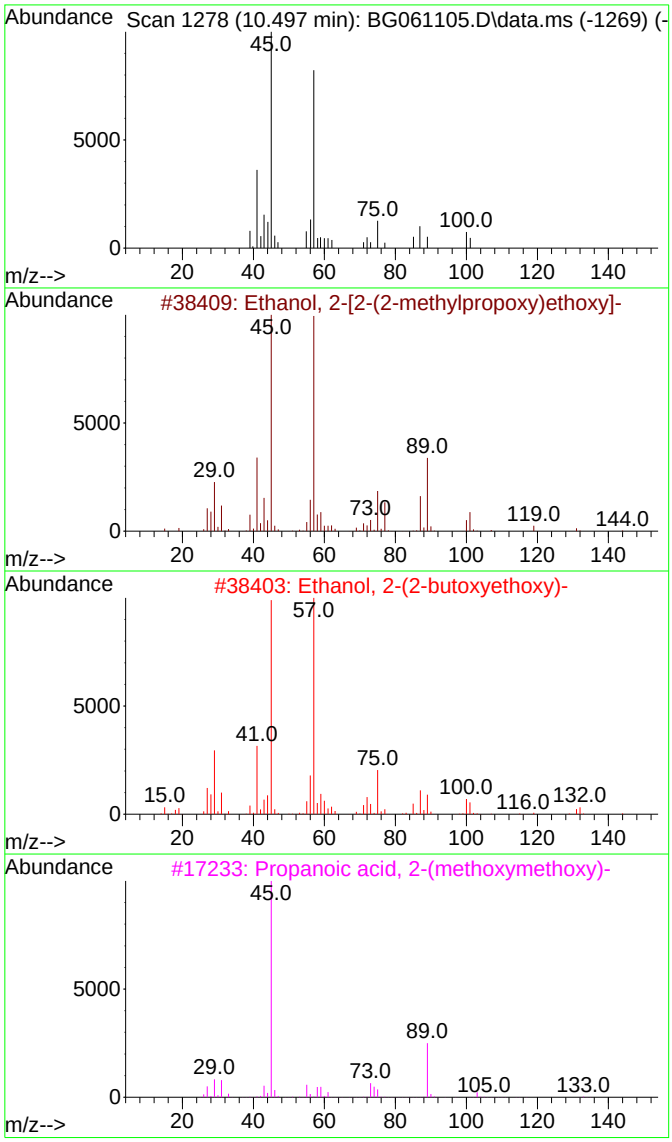
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

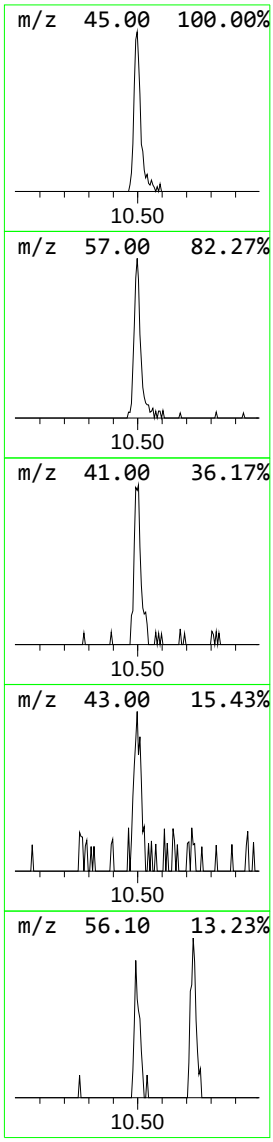
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-[2-(2-methylprop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.497	3.77 ng	43729	Naphthalene-d8	10.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	47
3	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	47
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	40
5	E-1-Methoxy-3-pentene	100	C6H12O	018059-22-8	38





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Sample : P2331-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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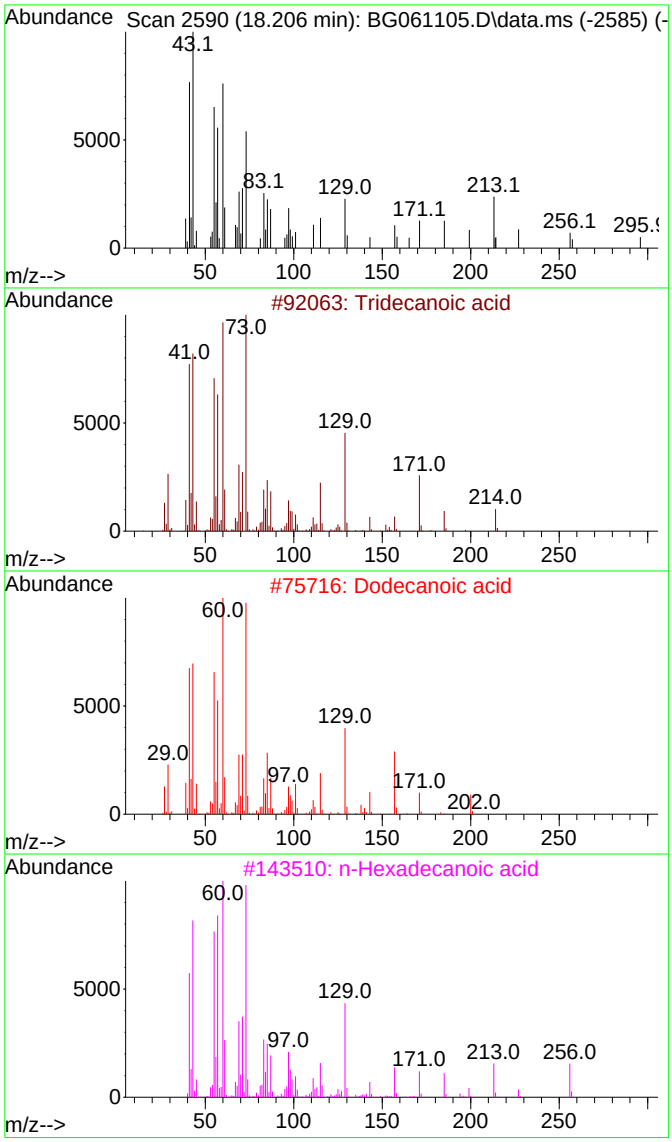
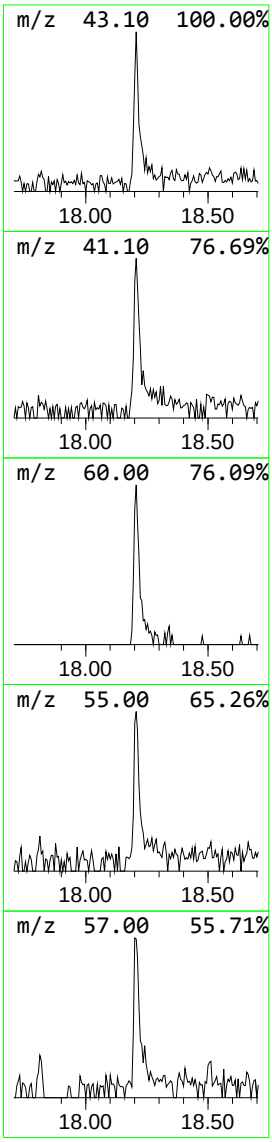
Peak Number 5 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.206	2.65 ng	55591	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	62
2	Dodecanoic acid	200	C12H24O2	000143-07-7	50
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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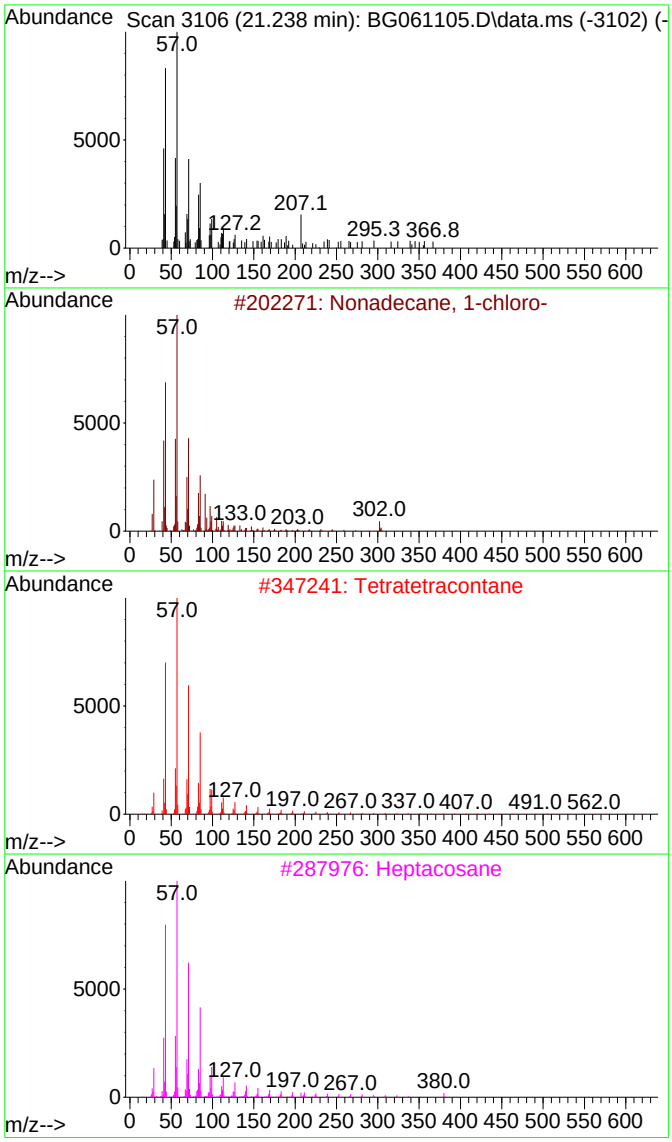
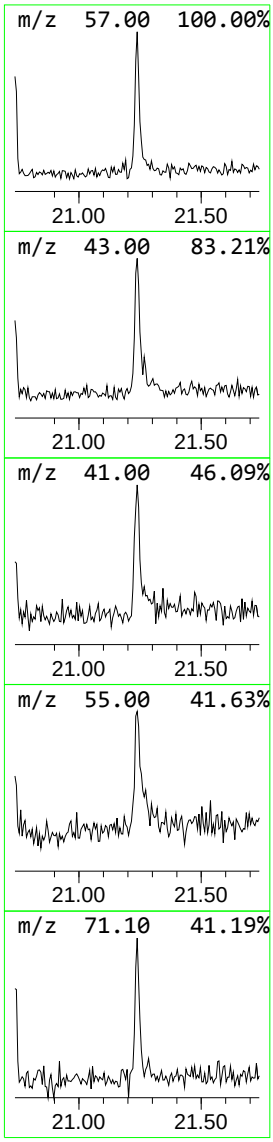
****

Peak Number 6 Nonadecane, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.238	2.04 ng	51378	Chrysene-d12	21.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	83
2	Tetratetracontane	619	C44H90	007098-22-8	68
3	Heptacosane	380	C27H56	000593-49-7	68
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	68
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	68





Tentatively Identified Compound (LSC) summary

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyanic acid, pr...	3.077	2.3	ng	18489	1	7.930	161824	20.0
Butane, 2-metho...	3.153	34.0	ng	275326	1	7.930	161824	20.0
2-Pentanone, 4-...	5.057	2.2	ng	17939	1	7.930	161824	20.0
Ethanol, 2-[2-(...	10.497	3.8	ng	43729	2	10.727	231737	20.0
Tridecanoic acid	18.206	2.6	ng	55591	4	17.307	419076	20.0
Nonadecane, 1-c...	21.238	2.0	ng	51378	5	21.567	504139	20.0