LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048948.D
Acq On : 14 Jun 2021 14:03
Operator : CG/JU
Sample : M2678-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0246-AMND-COMP-K(CL-16)

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048948.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.166	18	22	33	rVB	151933	245631	6.54%	2.080%
2	3.290	37	43	52	rVB2	60572	96990	2.58%	0.821%
3	4.594	259	265	272	rBV	152783	247540	6.59%	2.096%
4	5.211	361	370	380	rBV	2198101	3758256	100.00%	31.820%
5	5.663	442	447	455	rVB2	30954	51592	1.37%	0.437%
6	5.740	455	460	470	rVB3	17608	42624	1.13%	0.361%
7	7.261	712	719	728	rBV	202300	355508	9.46%	3.010%
8	8.119	857	865	871	rBV	139275	244274	6.50%	2.068%
9	9.289	1056	1064	1074	rVB	309964	570504	15.18%	4.830%
10	10.705	1300	1305	1315	rBV	144636	245762	6.54%	2.081%
11	10.945	1336	1346	1353	rBV	185600	336876	8.96%	2.852%
12	13.390	1753	1762	1769	rBV	699090	1102415	29.33%	9.334%
13	14.764	1990	1996	2005	rVB	294081	476381	12.68%	4.033%
14	16.163	2229	2234	2241	rBV2	37737	57050	1.52%	0.483%
15	17.514	2456	2464	2473	rBV	398480	619582	16.49%	5.246%
16	18.178	2571	2577	2582	rBV4	28654	43656	1.16%	0.370%
17	20.117	2901	2907	2915	rBV	1316347	1790489	47.64%	15.160%
18	21.439	3127	3132	3137	rBV3	48688	88610	2.36%	0.750%
19	21.698	3171	3176	3185	rVB2	36905	64934	1.73%	0.550%
20	21.803	3188	3194	3203	rVB2	380728	648231	17.25%	5.488%
21	23.031	3399	3403	3413	rVB7	21628	47492	1.26%	0.402%
22	25.141	3750	3762	3773	rBV2	220919	676553	18.00%	5.728%

Sum of corrected areas: 11810950

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Misc :
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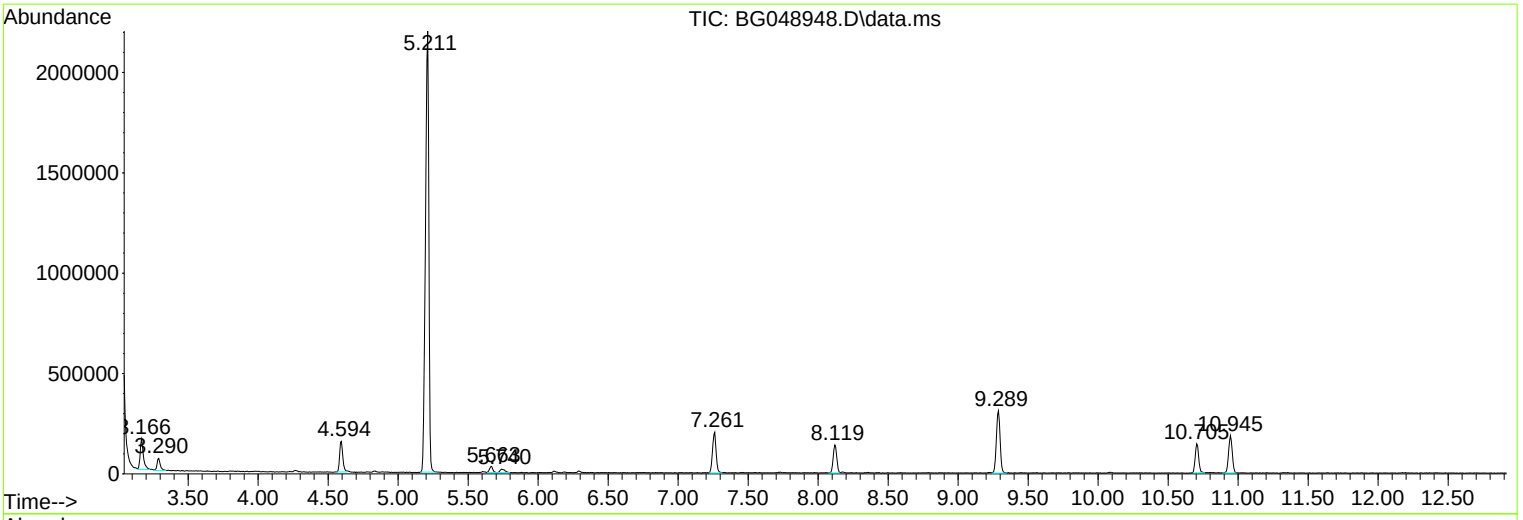
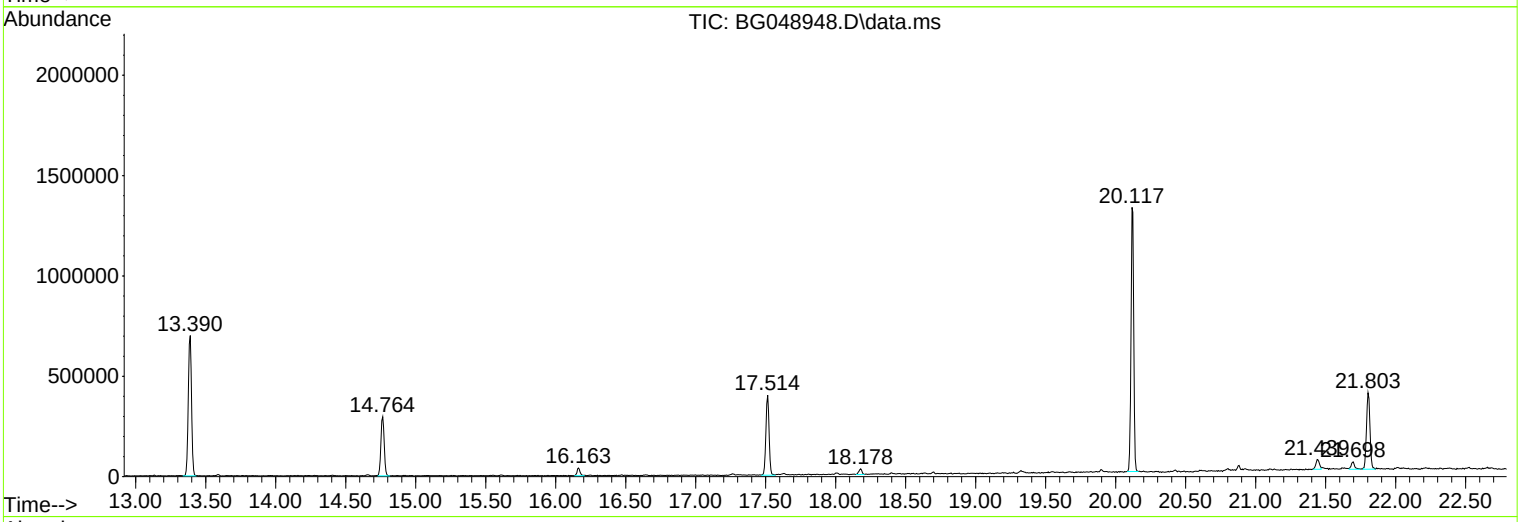
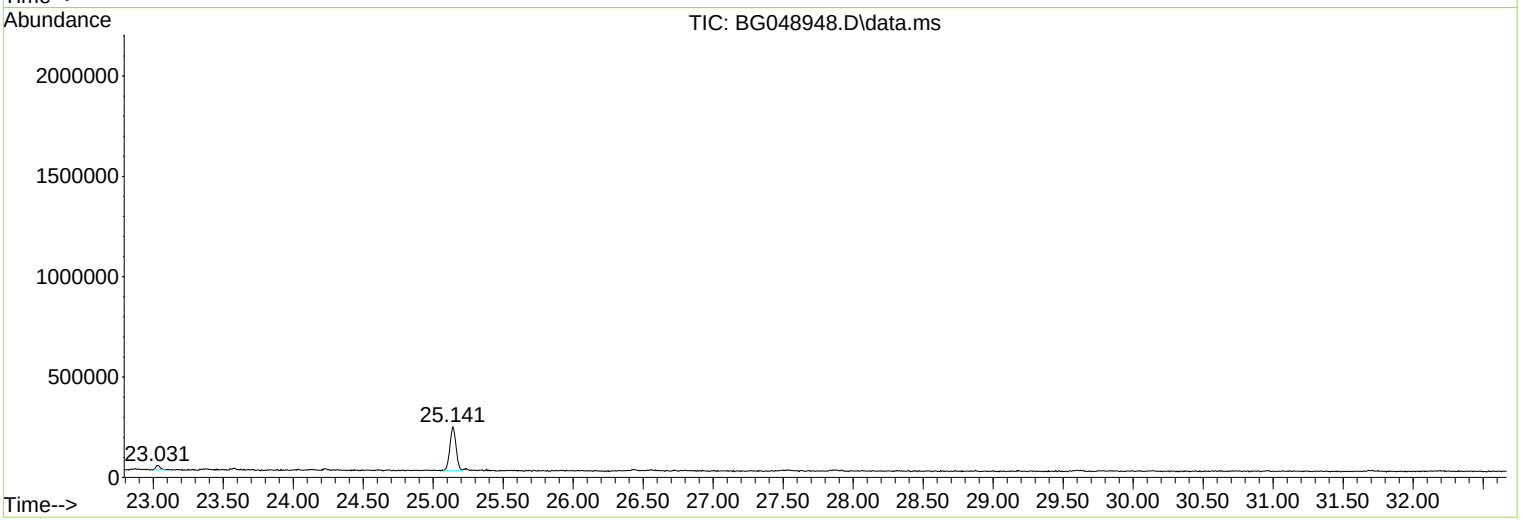
Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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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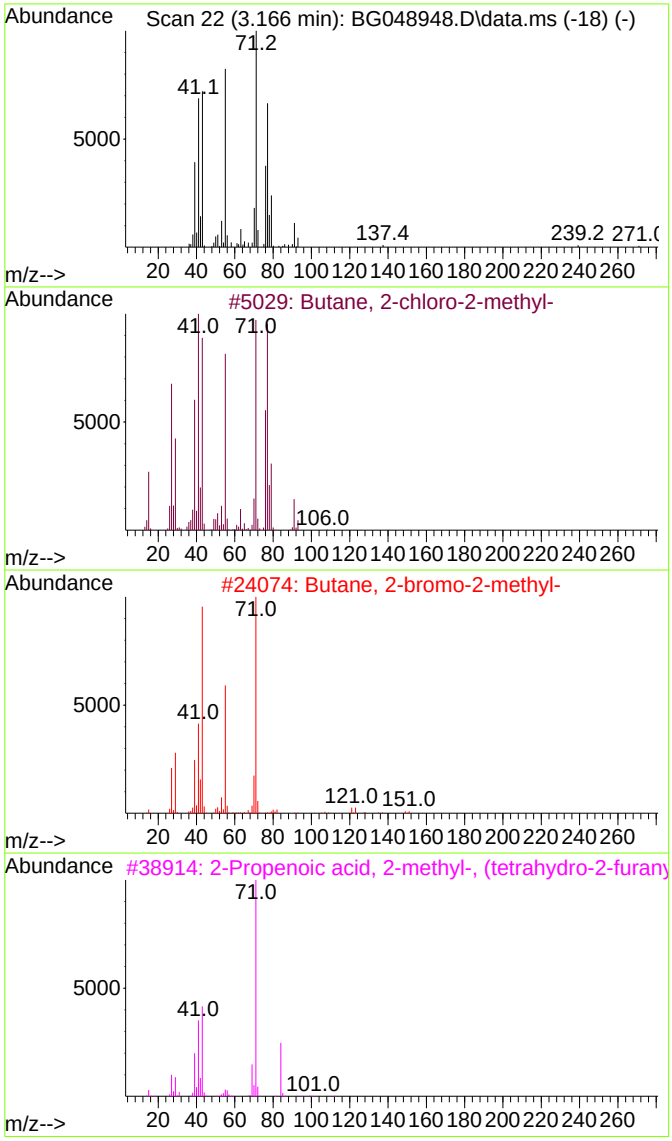
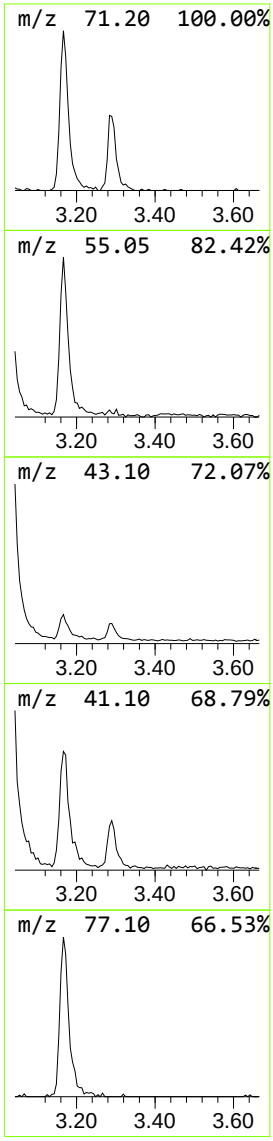
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.166	20.11 ng	245631	1,4-Dichlorobenzene-d4	8.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	83
2	Butane, 2-bromo-2-methyl-	150	C5H11Br	000507-36-8	25
3	2-Propenoic acid, 2-methyl-, (te...	170	C9H14O3	002455-24-5	23
4	Furan-2-carbonyl chloride, tetra...	134	C5H7ClO2	052449-98-6	22
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	22





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Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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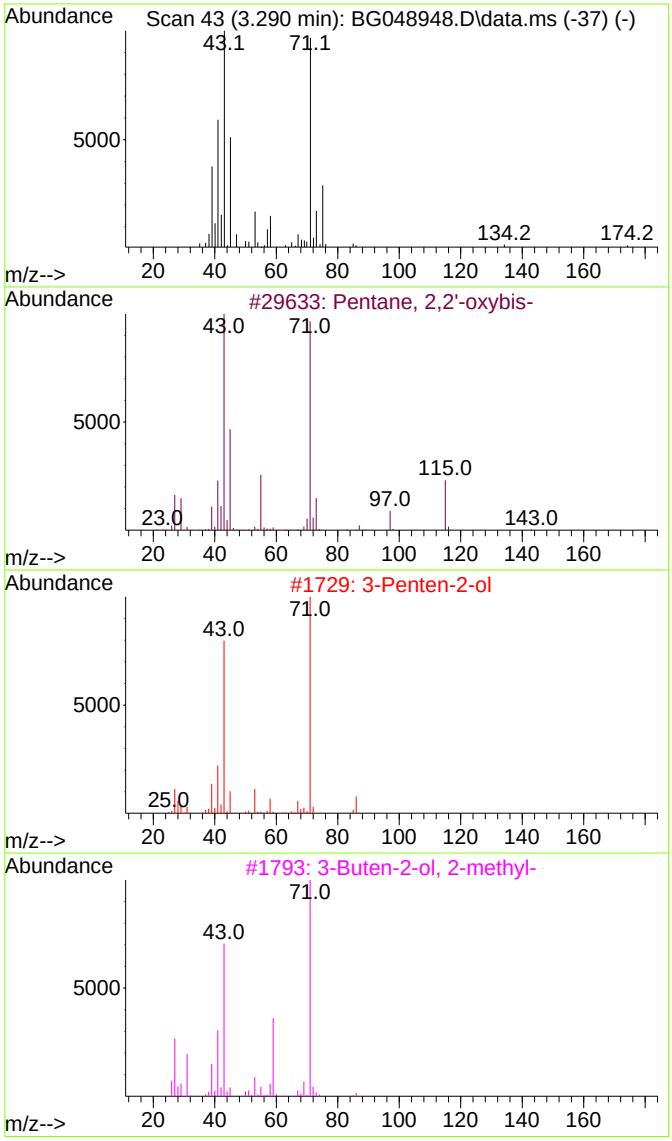
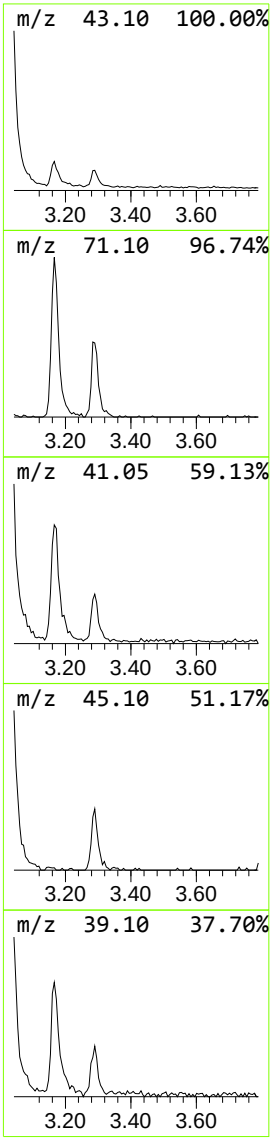
Peak Number 2 unknown3.290 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.290	7.94 ng	96990	1,4-Dichlorobenzene-d4	8.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2'-oxybis-	158	C10H22O	056762-00-6	45
2	3-Penten-2-ol	86	C5H10O	001569-50-2	40
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	38
4	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	38
5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	38





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Instrument :
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ClientSampleId :
0246-AMND-COMP-K(CL-16)

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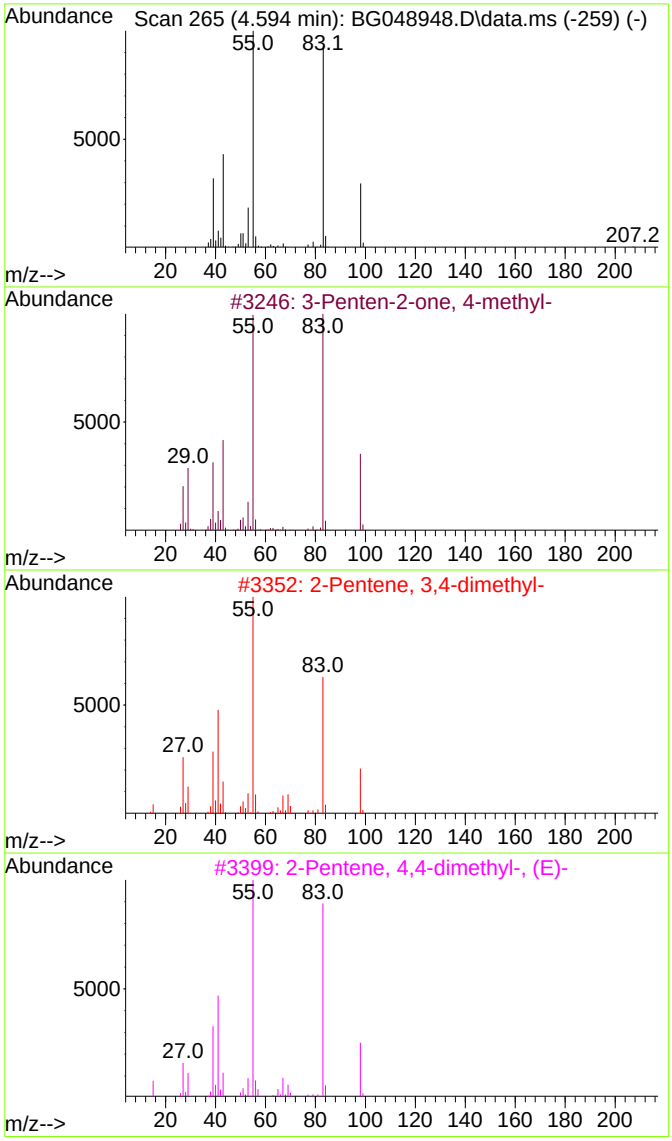
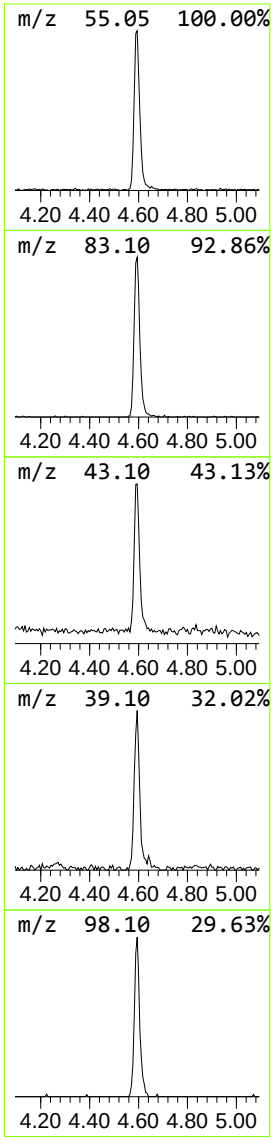
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.594	20.27 ng	247540	1,4-Dichlorobenzene-d4	8.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	86
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





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Instrument :
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ClientSampleId :
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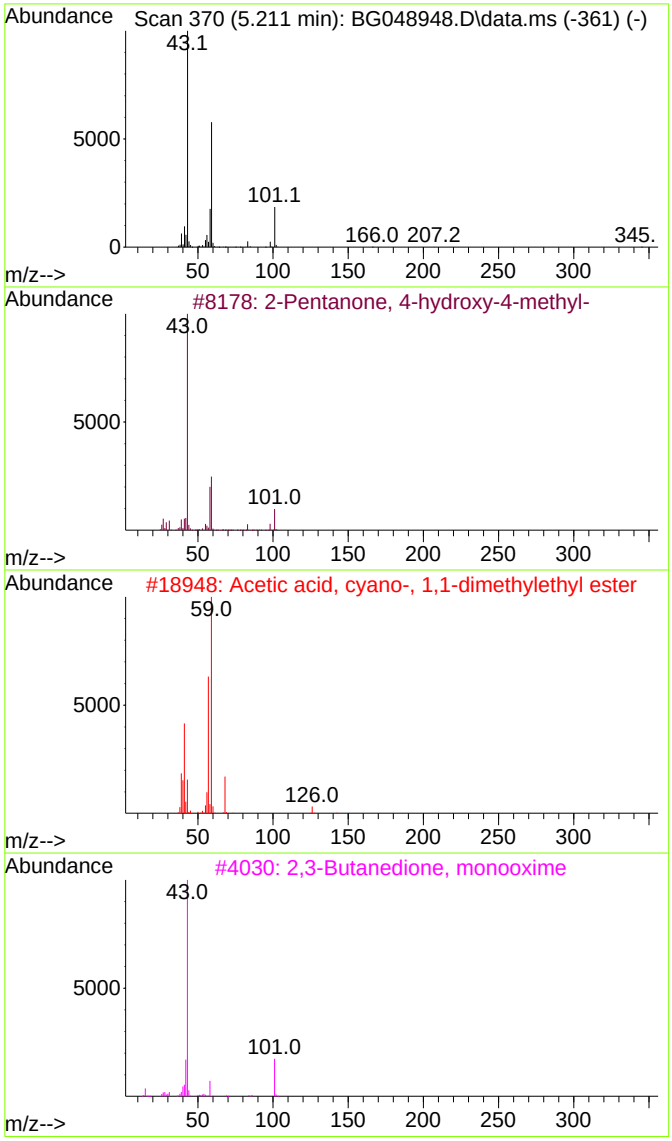
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

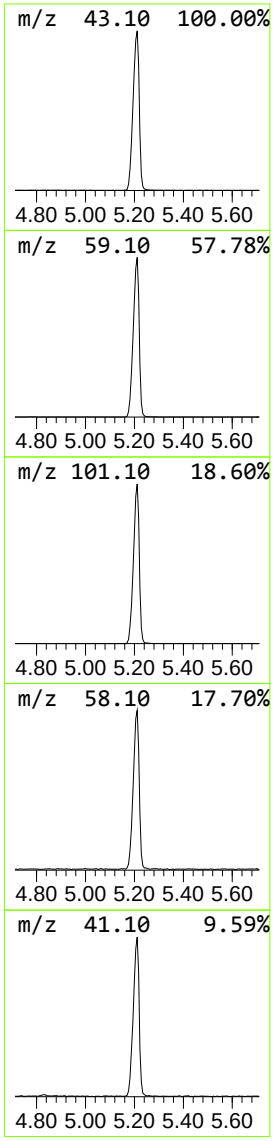
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.211	307.71 ng	3758260	1,4-Dichlorobenzene-d4	8.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Acetone	58	C3H6O	000067-64-1	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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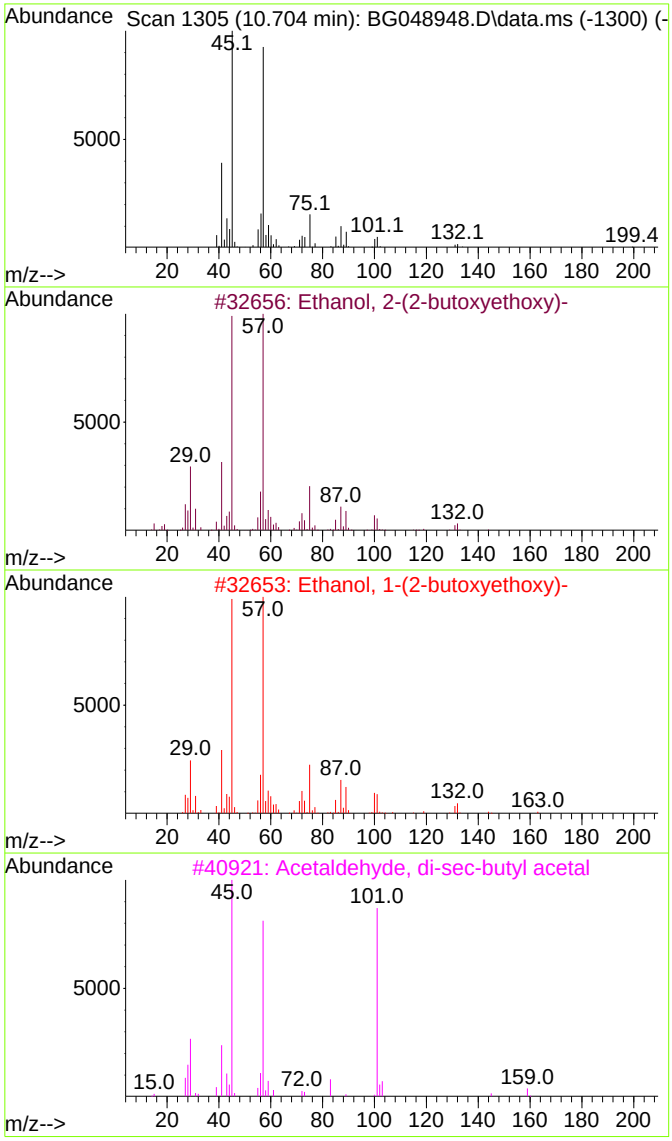
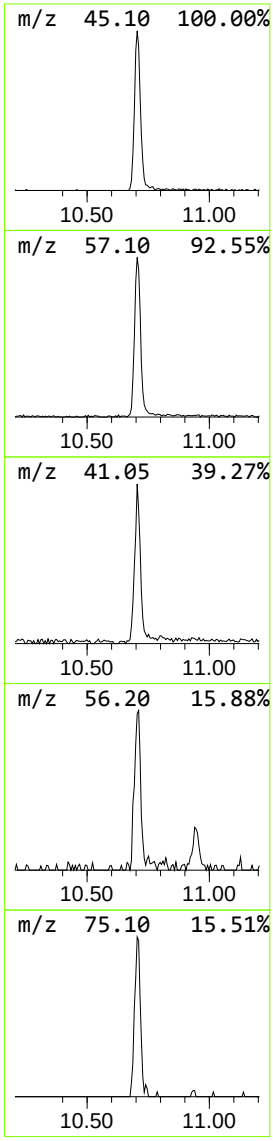
****

Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	14.59 ng	245762	Naphthalene-d8	10.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	59
4	Di-sec-butyl ether	130	C8H18O	006863-58-7	53
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	53





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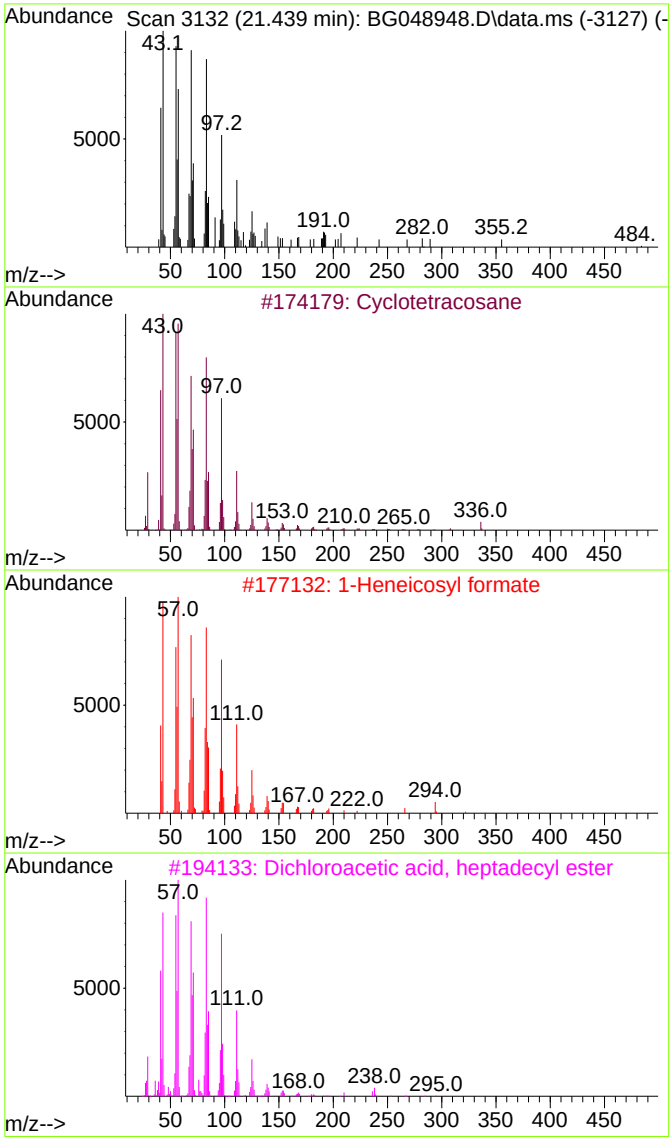
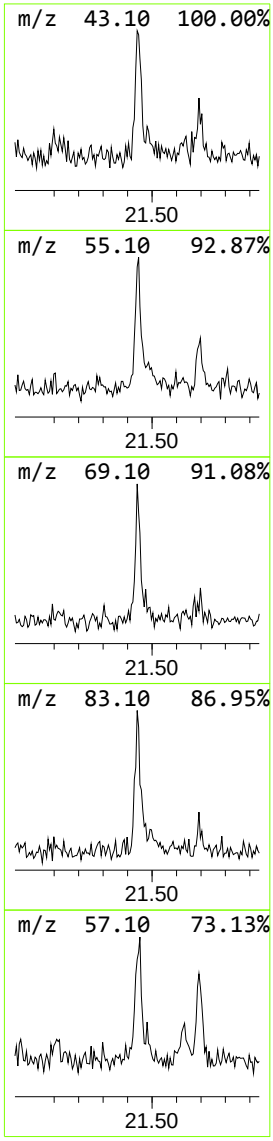
Peak Number 7 Cyclotetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.439	2.73 ng	88610	Chrysene-d12	21.803

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	76
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	64
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	64
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	60
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	60





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-chlor...	3.166	20.1	ng	245631	1	8.119	244274	20.0
unknown3.290	3.290	7.9	ng	96990	1	8.119	244274	20.0
3-Penten-2-one,...	4.594	20.3	ng	247540	1	8.119	244274	20.0
2-Pentanone, 4-...	5.211	307.7	ng	3758260	1	8.119	244274	20.0
Ethanol, 2-(2-b...	10.704	14.6	ng	245762	2	10.945	336876	20.0
Cyclotetracosane	21.439	2.7	ng	88610	5	21.803	648231	20.0