LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012022\
Data File : BP008876.D
Acq On : 20 Jan 2022 19:20
Operator : CG/JU
Sample : N1204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PS-MH-SOIL

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_P\Methods\8270E-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008876.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	7	10	23	rVB	2677710	3569683	20.61%	3.968%
2	3.228	37	41	55	rVB	811474	1090621	6.30%	1.212%
3	4.964	330	336	346	rVB2	113428	184858	1.07%	0.205%
4	5.428	409	415	436	rBV	3889119	6094806	35.19%	6.775%
5	7.022	678	686	704	rBV	3730518	6389120	36.89%	7.102%
6	7.846	816	826	835	rBV	1101341	1776062	10.26%	1.974%
7	9.005	1014	1023	1041	rBV	2459108	4258995	24.59%	4.734%
8	10.434	1258	1266	1286	rBV	235091	597498	3.45%	0.664%
9	10.646	1294	1302	1317	rBV	1322759	2348806	13.56%	2.611%
10	13.110	1713	1721	1739	rBV	7431316	11186152	64.59%	12.435%
11	14.487	1948	1955	1971	rBV	2091195	3228487	18.64%	3.589%
12	15.981	2202	2209	2231	rBV	5463386	8566641	49.47%	9.523%
13	17.239	2416	2423	2437	rBV	2630612	3907268	22.56%	4.343%
14	18.139	2571	2576	2584	rBV	294484	484543	2.80%	0.539%
15	19.369	2781	2785	2794	rBV	148194	275188	1.59%	0.306%
16	19.804	2853	2859	2871	rBV	14312513	17318330	100.00%	19.251%
17	21.045	3066	3070	3078	rBV	804206	1052051	6.07%	1.169%
18	21.327	3113	3118	3129	rBV	2995953	4192942	24.21%	4.661%
19	21.451	3133	3139	3160	rVV	6092165	10020783	57.86%	11.139%
20	23.745	3523	3529	3542	rVB2	1640946	3416541	19.73%	3.798%

Sum of corrected areas: 89959375

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012022\
Data File : BP008876.D
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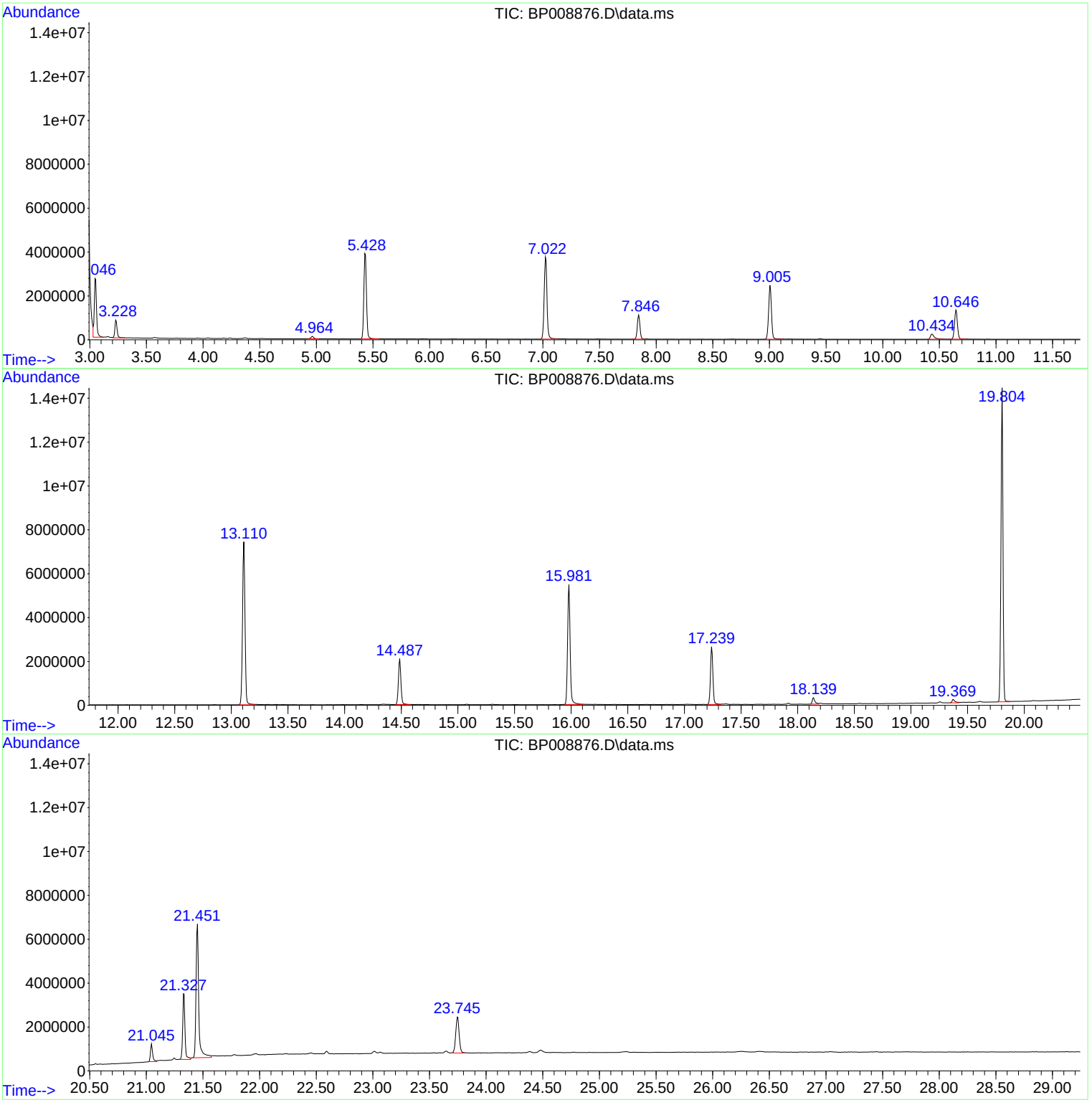
Operator : CG/JU
Sample : N1204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PS-MH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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Data File : BP008876.D
Acq On : 20 Jan 2022 19:20
Operator : CG/JU
Sample : N1204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

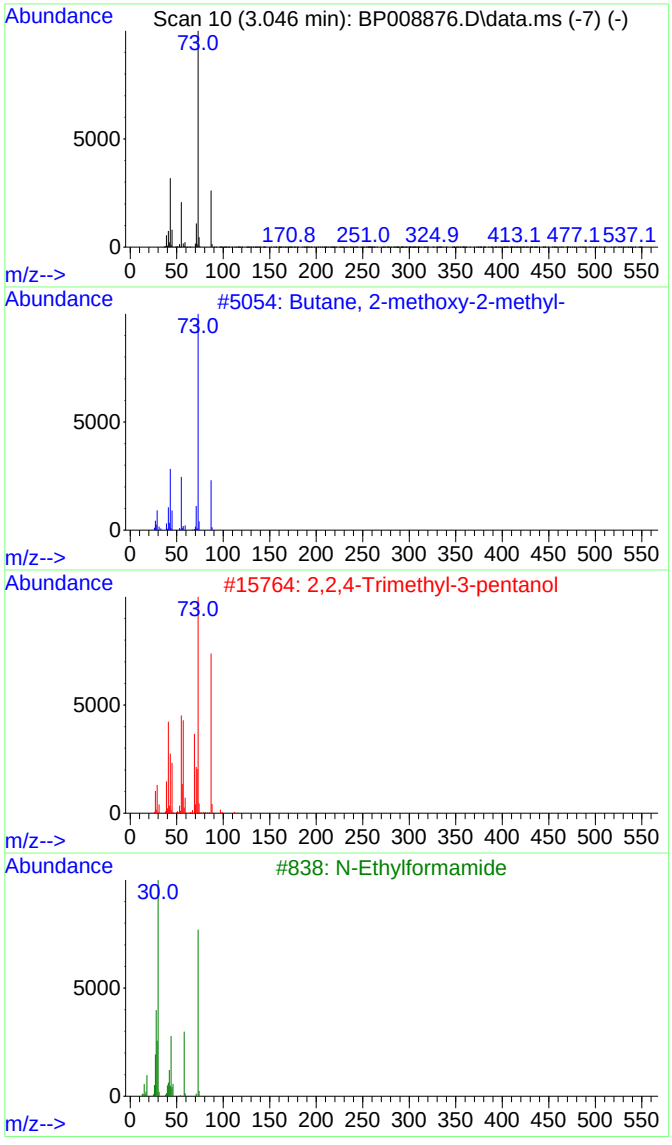
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

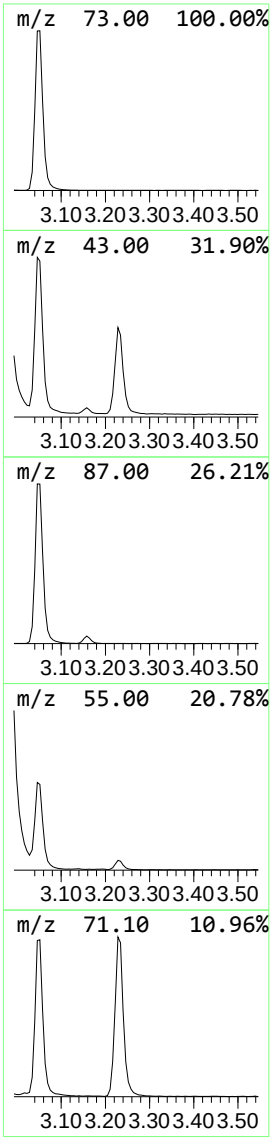
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.046	40.20 ng	3569680	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Data File : BP008876.D
Acq On : 20 Jan 2022 19:20
Operator : CG/JU
Sample : N1204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PS-MH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

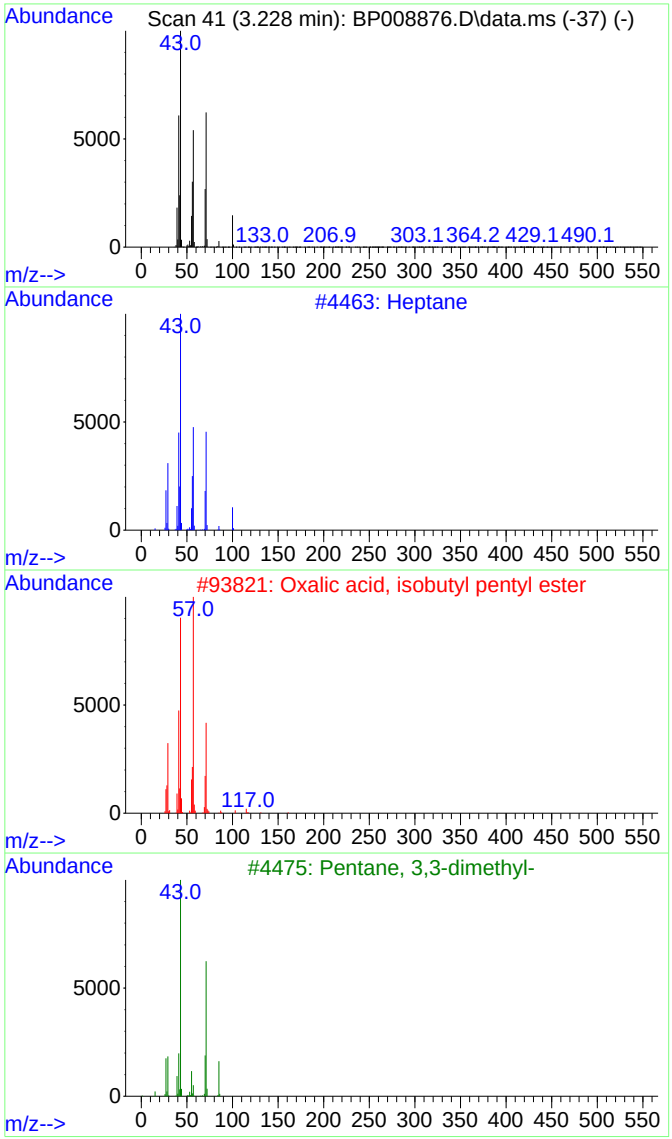
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

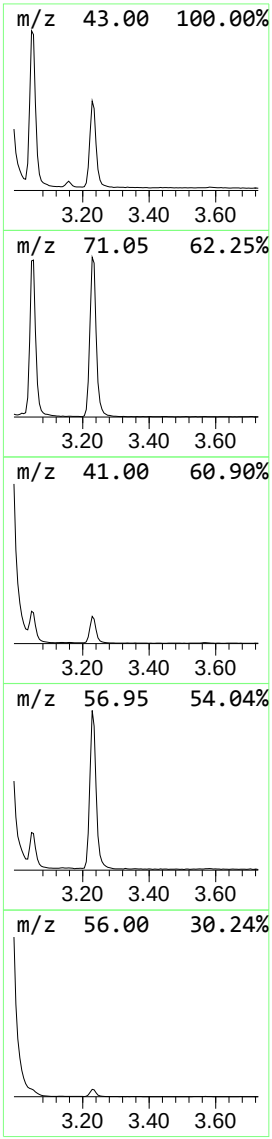
****

Peak Number 2 Heptane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.228	12.28 ng	1090620	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	40
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38





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Data File : BP008876.D
Acq On : 20 Jan 2022 19:20
Operator : CG/JU
Sample : N1204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PS-MH-SOIL

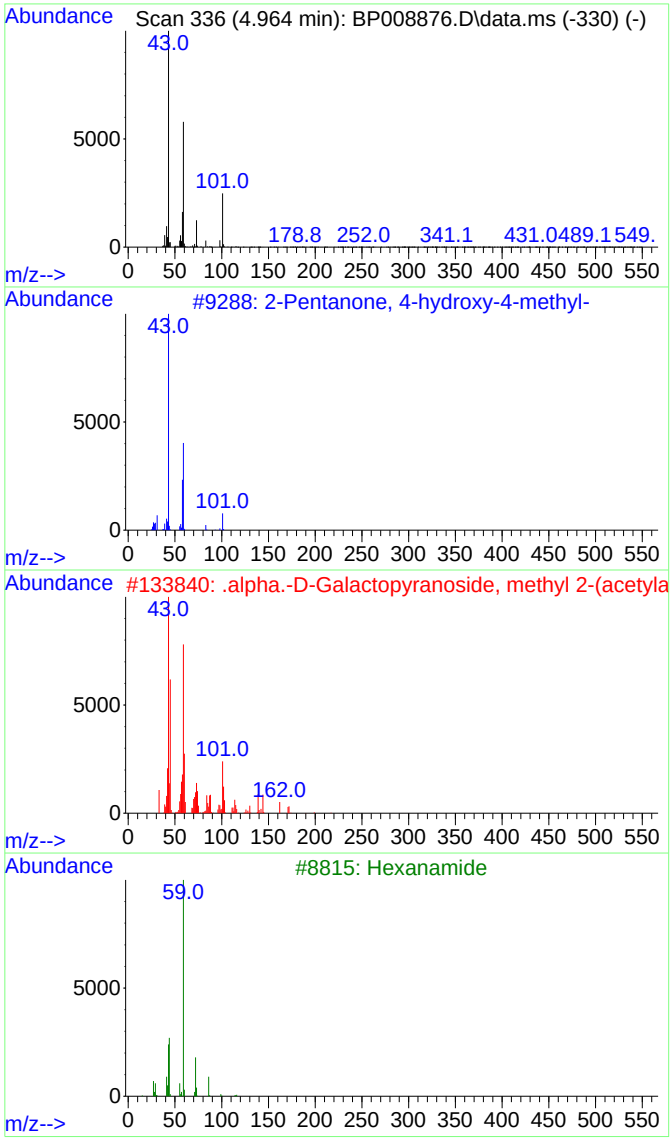
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

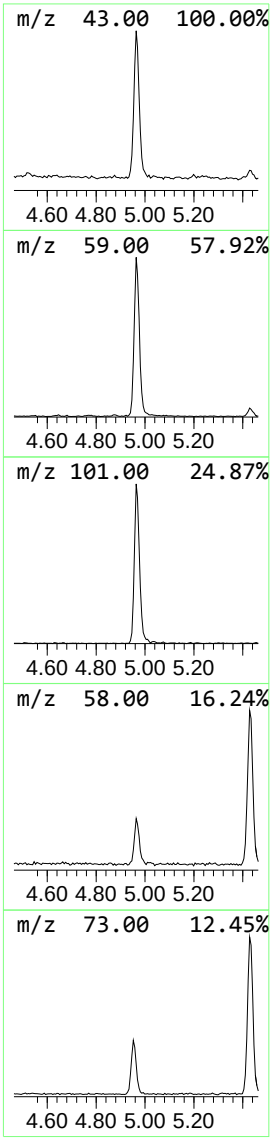
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.964	2.08 ng	184858	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	.alpha.-D-Galactopyranoside, met...	249	C10H19NO6	017296-07-0	38
3	Hexanamide	115	C6H13NO	000628-02-4	35
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	16





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Operator : CG/JU
Sample : N1204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PS-MH-SOIL

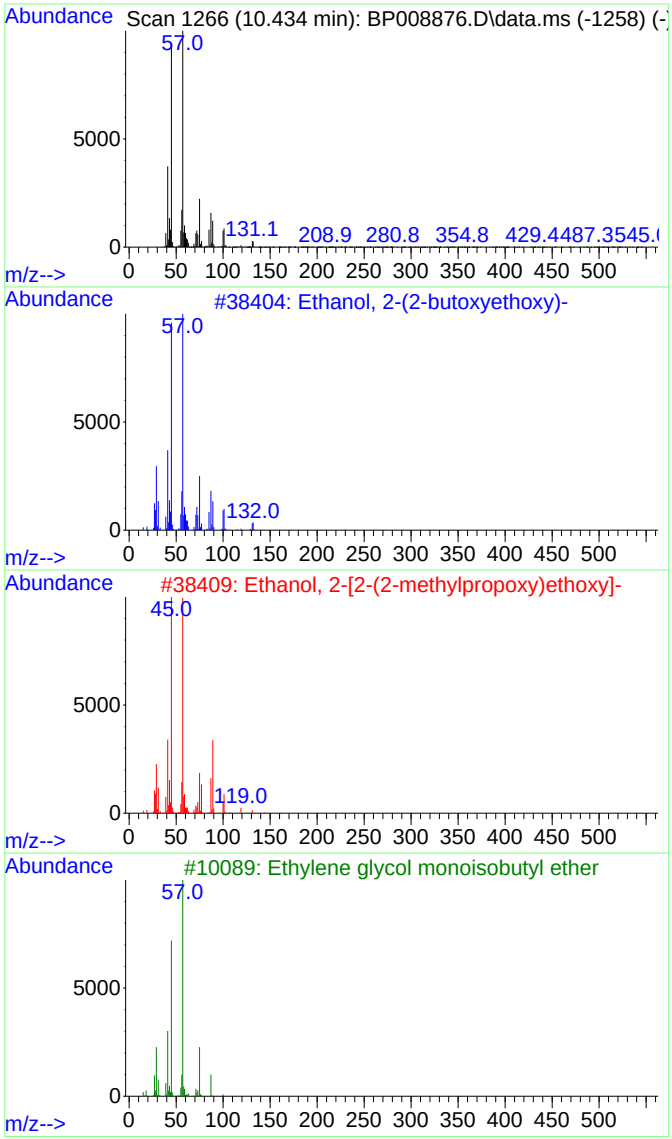
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

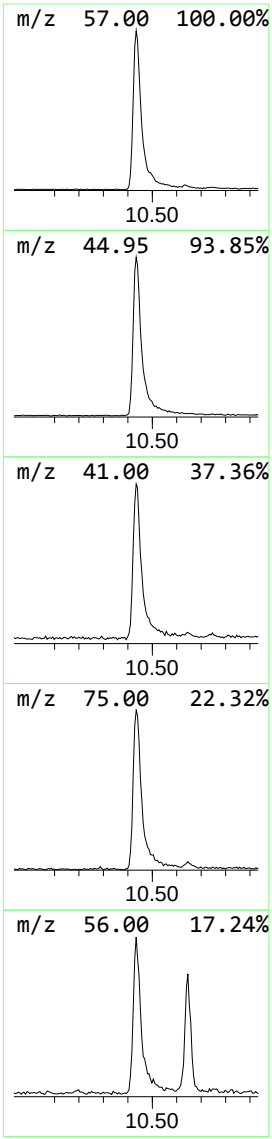
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.434	5.09 ng	597498	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	50





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Data File : BP008876.D
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Operator : CG/JU
Sample : N1204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PS-MH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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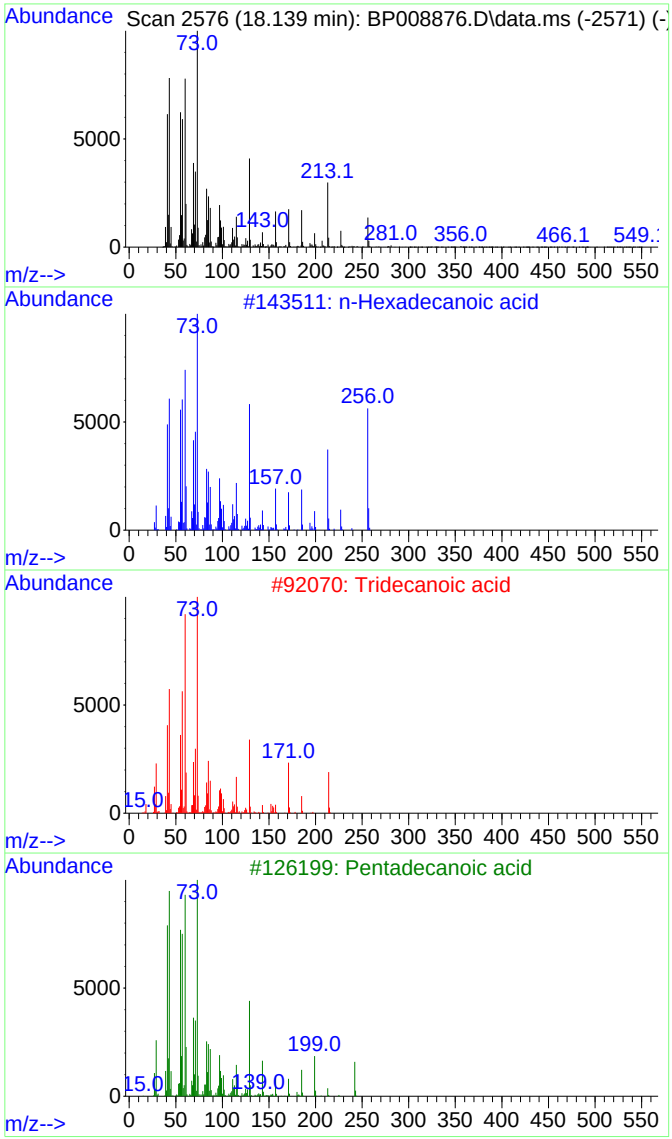
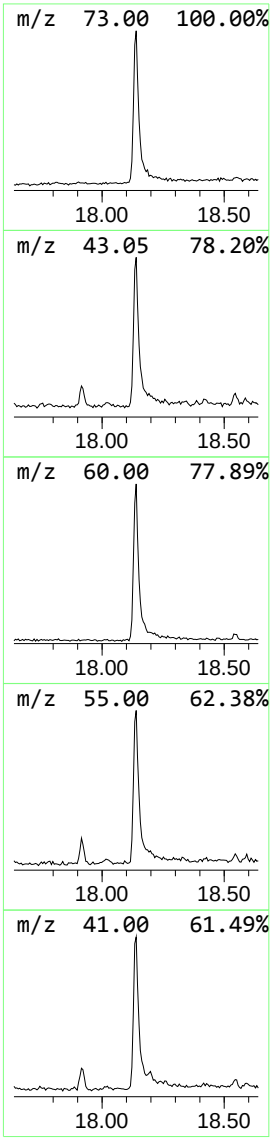
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	2.48 ng	484543	Phenanthrene-d10	17.239

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Instrument :
BNA_P
ClientSampleId :
PS-MH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

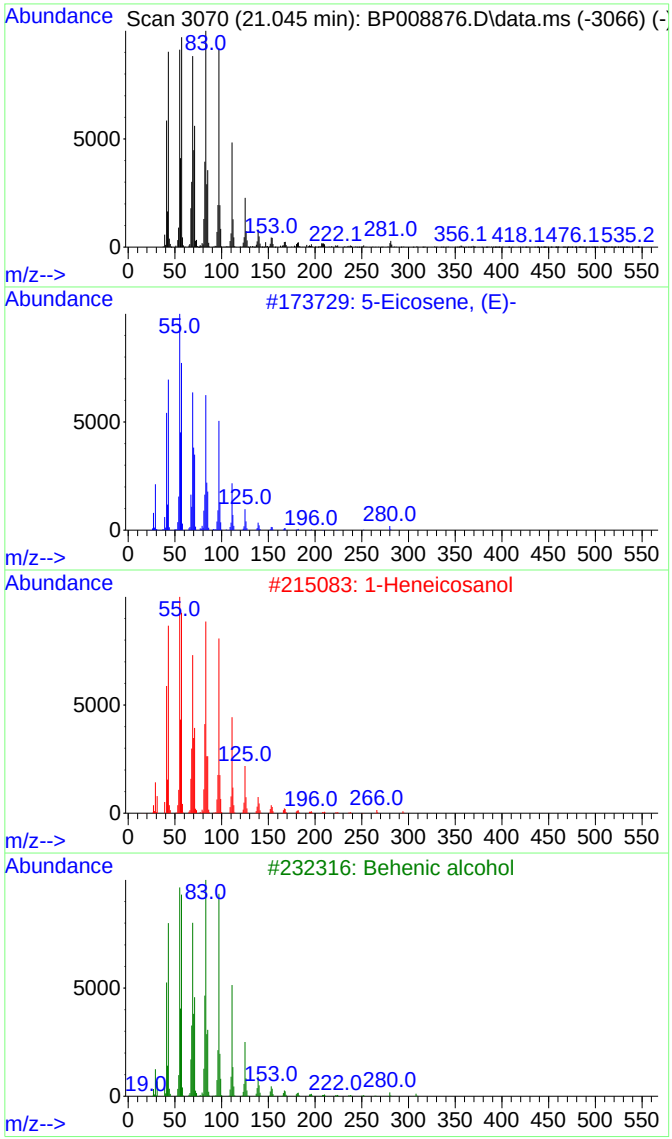
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

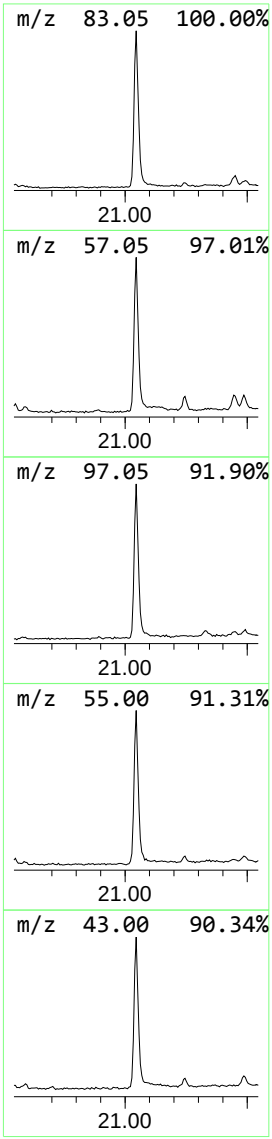
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	5.02 ng	1052050	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	94





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Misc :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

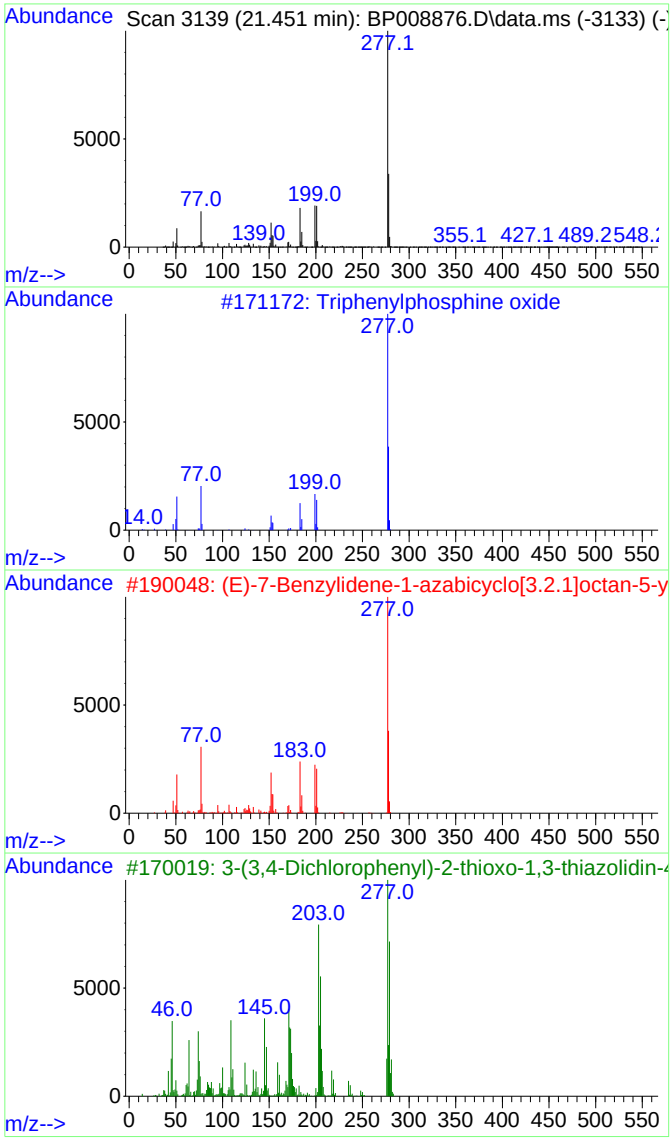
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

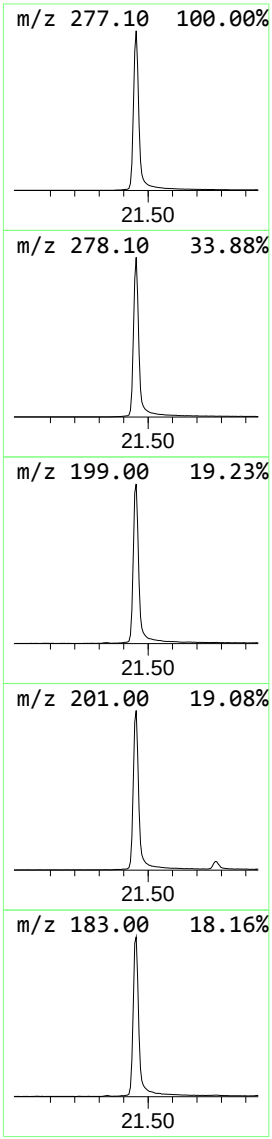
****

Peak Number 7 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.451	47.80 ng	10020800	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	32
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	25
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	23





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.046	40.2	ng	3569680	1	7.846	1776060	20.0
Heptane	3.228	12.3	ng	1090620	1	7.846	1776060	20.0
2-Pentanone, 4-...	4.964	2.1	ng	184858	1	7.846	1776060	20.0
Ethanol, 2-(2-b...	10.434	5.1	ng	597498	2	10.646	2348810	20.0
n-Hexadecanoic ...	18.139	2.5	ng	484543	4	17.239	3907270	20.0
5-Eicosene, (E)-	21.045	5.0	ng	1052050	5	21.333	4192940	20.0
Triphenylphosph...	21.451	47.8	ng	10020800	5	21.333	4192940	20.0