LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015323.D
Acq On : 26 May 2023 23:02
Operator : CG/JU
Sample : 02919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
IMPACTED-STONE

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-BP052423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP015323.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.163	330	336	343	rVB	163673	234463	5.41%	1.095%
2	5.640	410	417	427	rVB	1897769	2901142	66.88%	13.549%
3	7.098	656	665	677	rBV5	97392	334636	7.71%	1.563%
4	7.263	685	693	702	rVB	1842212	2991575	68.96%	13.971%
5	8.104	825	836	845	rBV	769906	1281355	29.54%	5.984%
6	9.281	1028	1036	1048	rBV	1187540	2035207	46.92%	9.505%
7	10.934	1310	1317	1324	rBV	940222	1595709	36.79%	7.452%
8	12.551	1586	1592	1604	rBV2	147228	382994	8.83%	1.789%
9	13.375	1726	1732	1740	rVB	2984893	4337880	100.00%	20.259%
10	14.163	1863	1866	1869	rBV2	207652	291127	6.71%	1.360%
11	14.269	1879	1884	1888	rBV3	829238	1189218	27.41%	5.554%
12	14.392	1901	1905	1909	rBV4	264585	414569	9.56%	1.936%
13	14.575	1932	1936	1941	rVB4	488537	839676	19.36%	3.921%
14	14.751	1962	1966	1972	rVB2	1506212	2582824	59.54%	12.062%

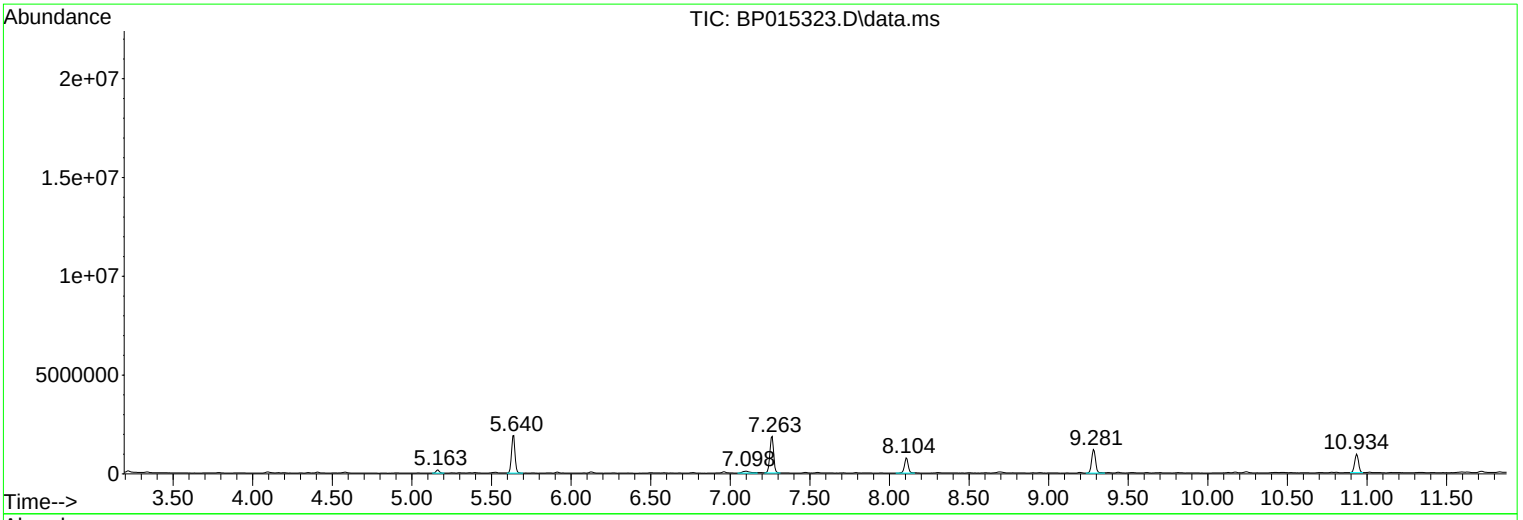
Sum of corrected areas: 21412375

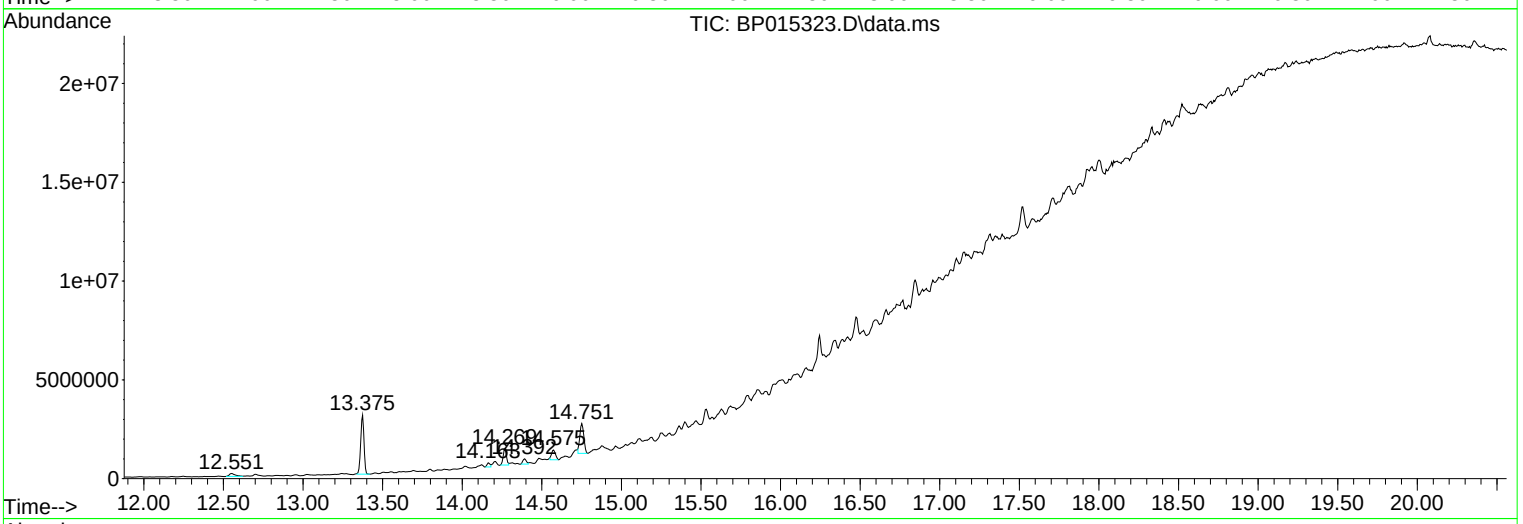
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015323.D
Acq On : 26 May 2023 23:02
Operator : CG/JU
Sample : 02919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

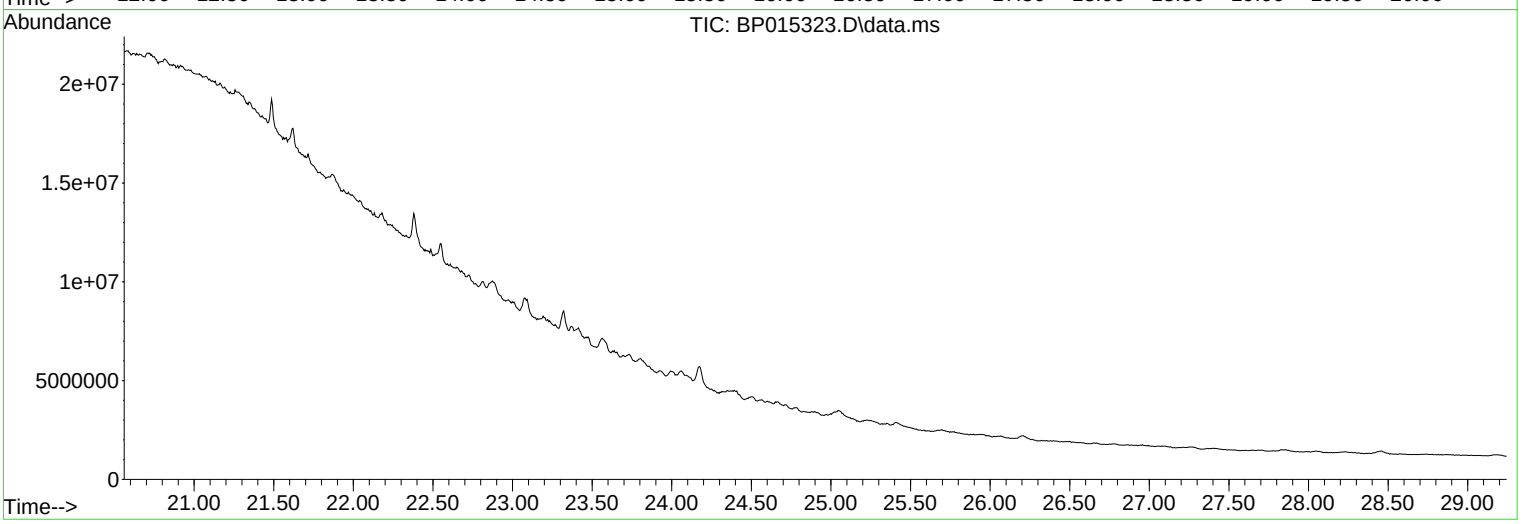
Instrument :
BNA_P
ClientSampleId :
IMPACTED-STONE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015323.D
Acq On : 26 May 2023 23:02
Operator : CG/JU
Sample : 02919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
IMPACTED-STONE

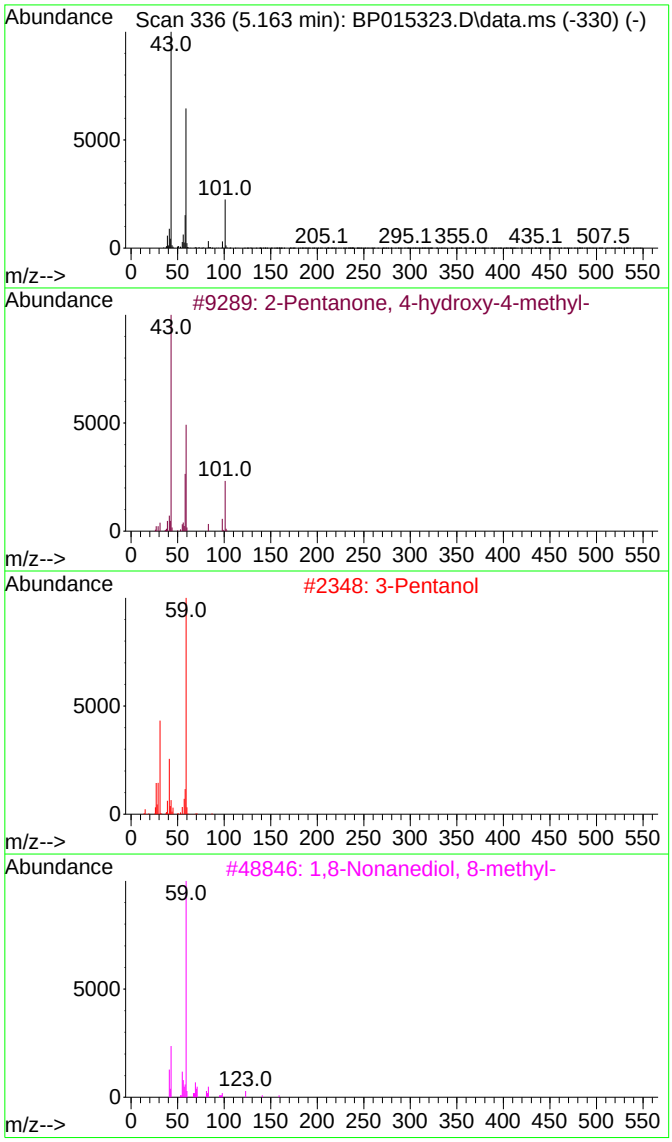
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

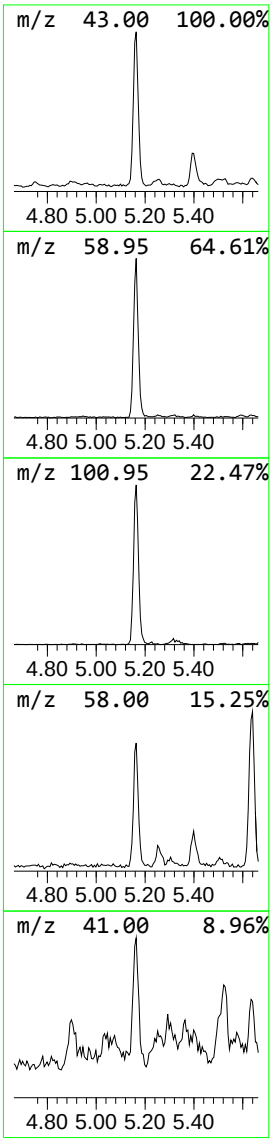
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	3.66 ng	234463	1,4-Dichlorobenzene-d4	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Pentanol	88	C5H12O	000584-02-1	37
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015323.D
Acq On : 26 May 2023 23:02
Operator : CG/JU
Sample : 02919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
IMPACTED-STONE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

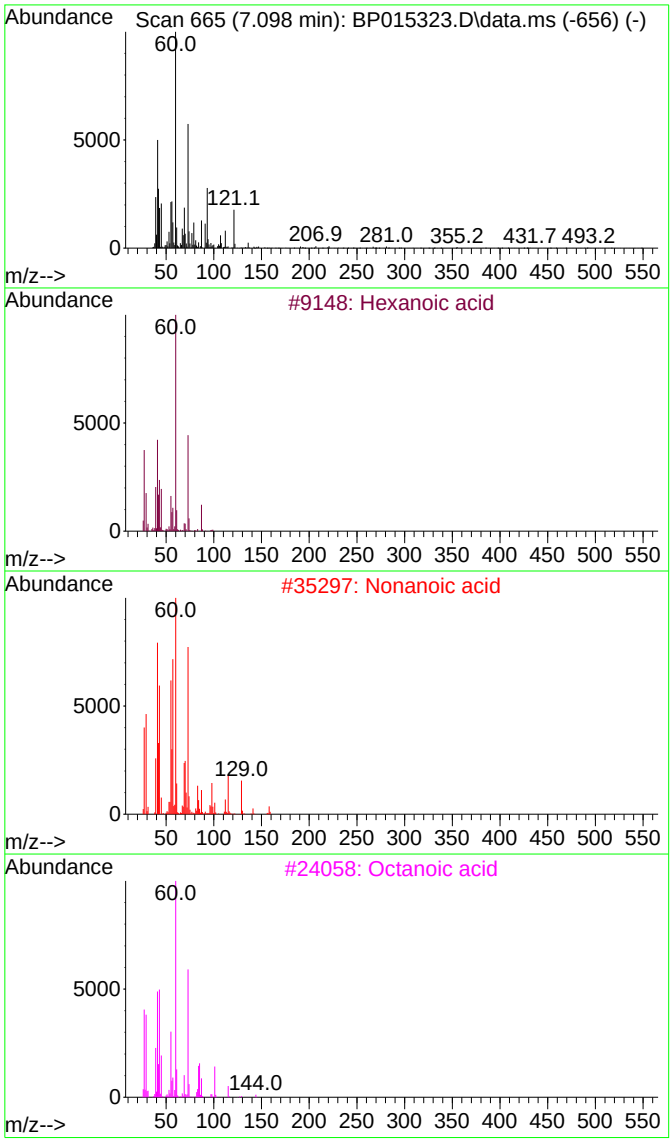
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

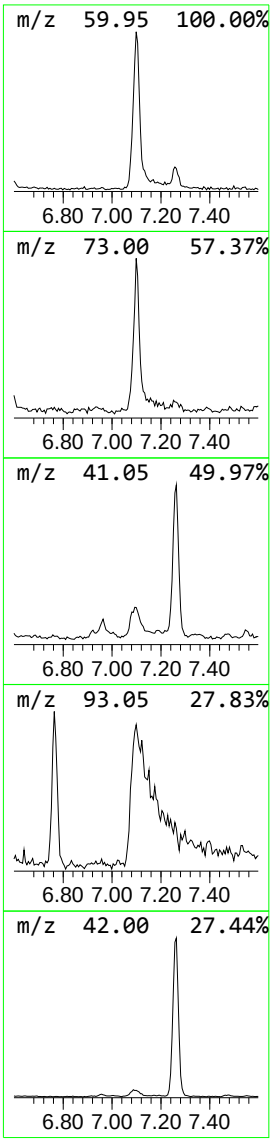
****

Peak Number 2 Hexanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	5.22 ng	334636	1,4-Dichlorobenzene-d4	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	53
2	Nonanoic acid	158	C9H18O2	000112-05-0	45
3	Octanoic acid	144	C8H16O2	000124-07-2	40
4	Pentanoic acid	102	C5H10O2	000109-52-4	38
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015323.D
Acq On : 26 May 2023 23:02
Operator : CG/JU
Sample : 02919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
IMPACTED-STONE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

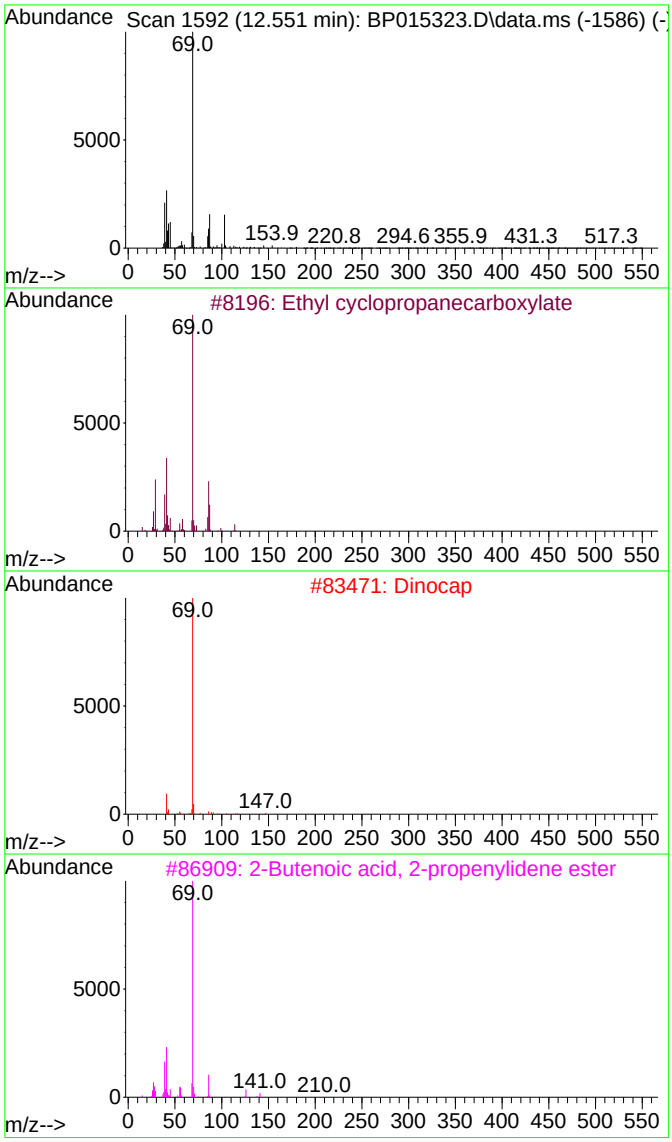
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

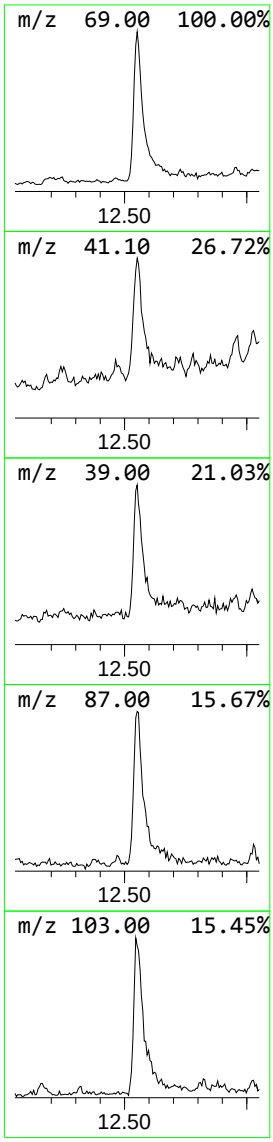
****

Peak Number 3 unknown12.551 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.551	4.80 ng	382994	Naphthalene-d8	10.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
2	Dinocap	207	C10H9NO4	039300-45-3	38
3	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	33
4	2,4-Dinitrophenyl crotonate	252	C10H8N2O6	069817-88-5	28
5	2,3'-Bifuran, 2,2',3',5-tetrahydro-	138	C8H10O2	098869-93-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015323.D
Acq On : 26 May 2023 23:02
Operator : CG/JU
Sample : 02919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
IMPACTED-STONE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

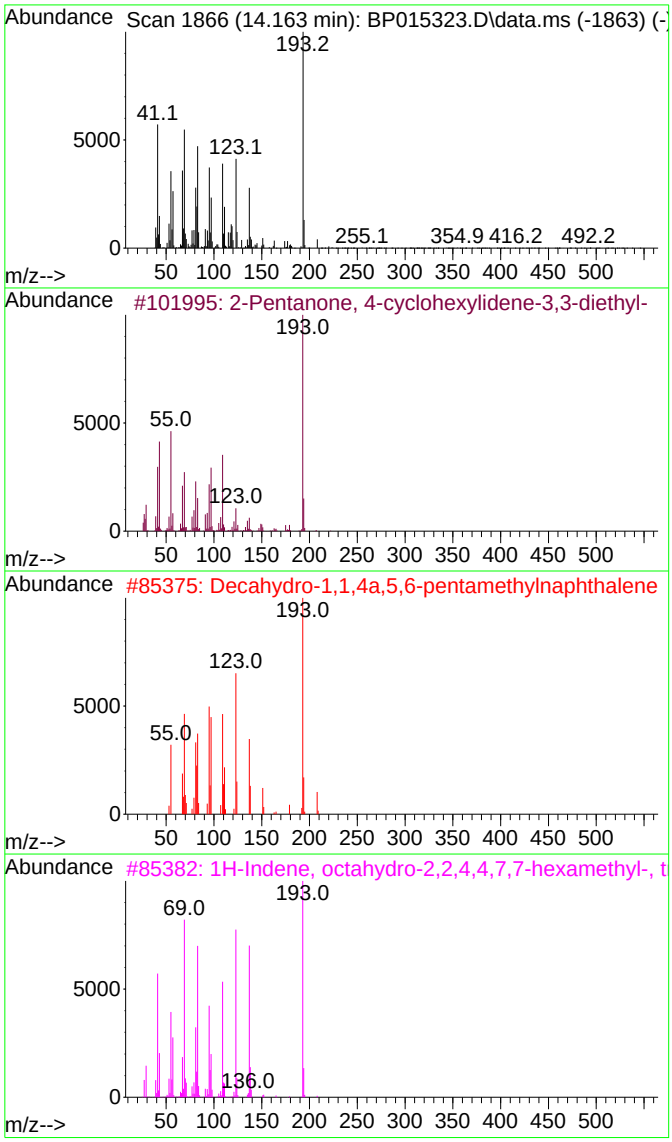
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

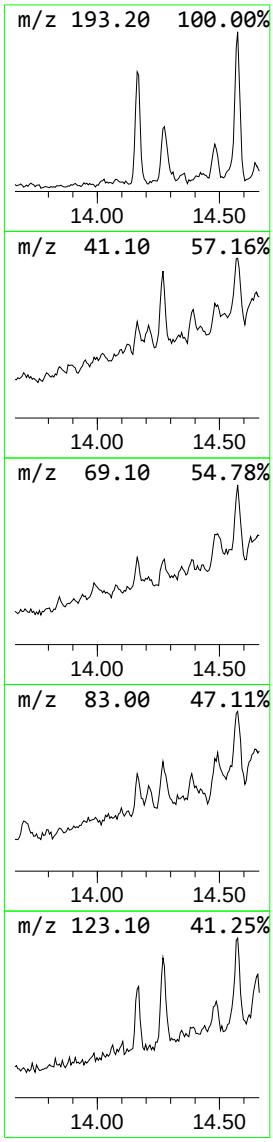
****

Peak Number 4 unknown14.163 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.163	2.25 ng	291127	Acenaphthene-d10	14.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	47
2	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	43
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
5	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015323.D
Acq On : 26 May 2023 23:02
Operator : CG/JU
Sample : 02919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
IMPACTED-STONE

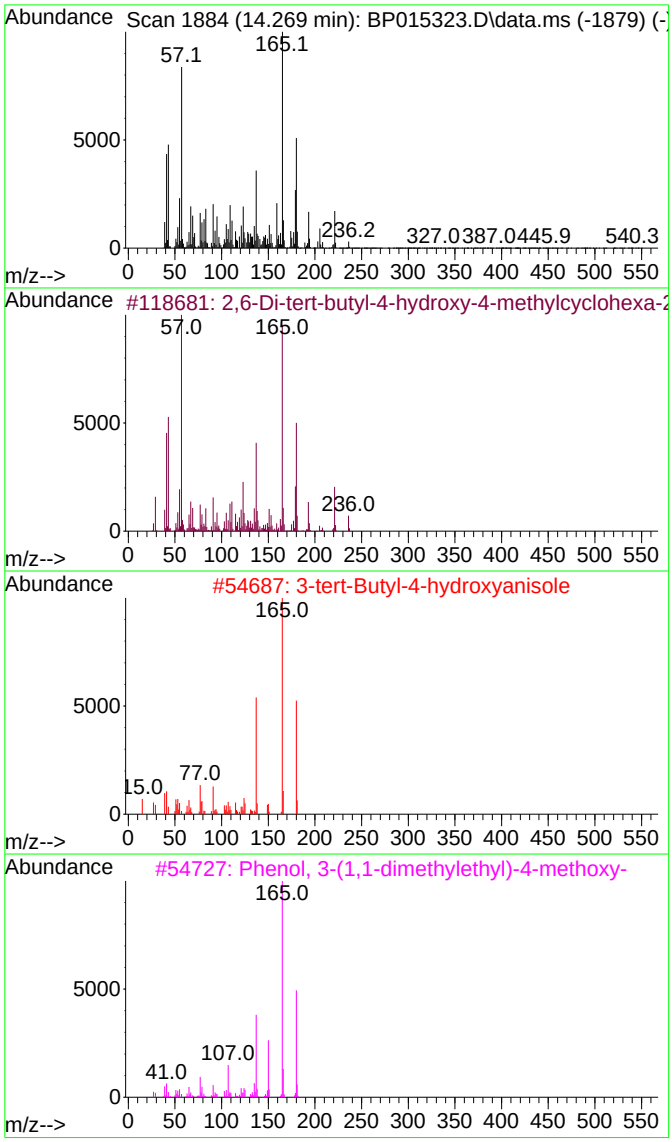
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

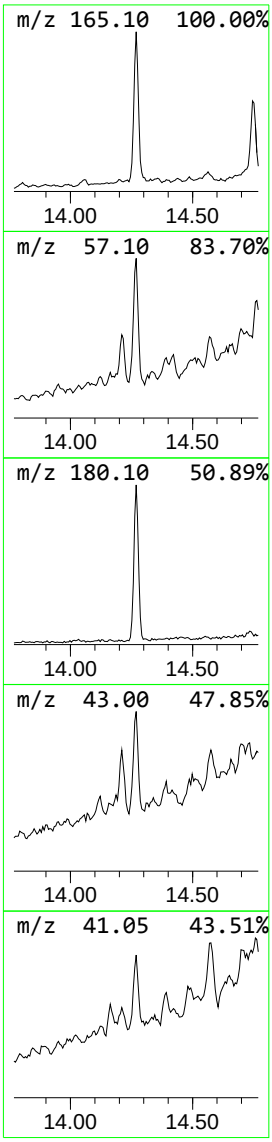
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2,6-Di-tert-butyl-4-hydroxy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	9.21 ng	1189220	Acenaphthene-d10	14.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Di-tert-butyl-4-hydroxy-4-me...	236	C15H24O2	010396-80-2	74
2	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	70
3	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	55
4	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	49
5	5-tert-Butyl-2-methylbenzenethiol	180	C11H16S	007340-90-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015323.D
Acq On : 26 May 2023 23:02
Operator : CG/JU
Sample : 02919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
IMPACTED-STONE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

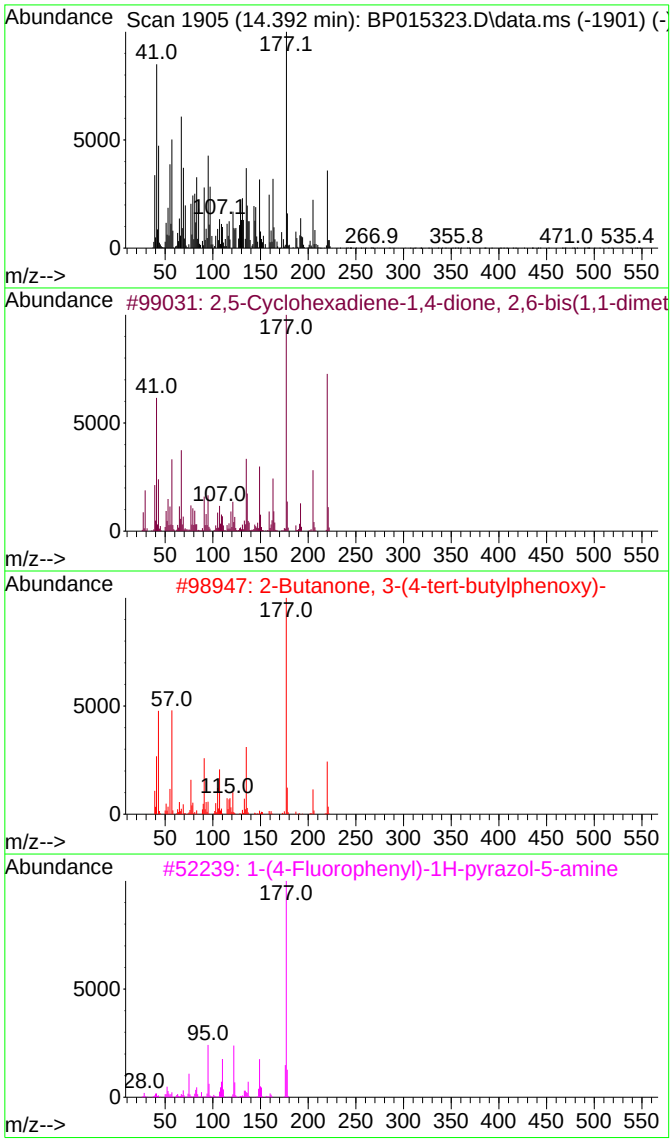
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

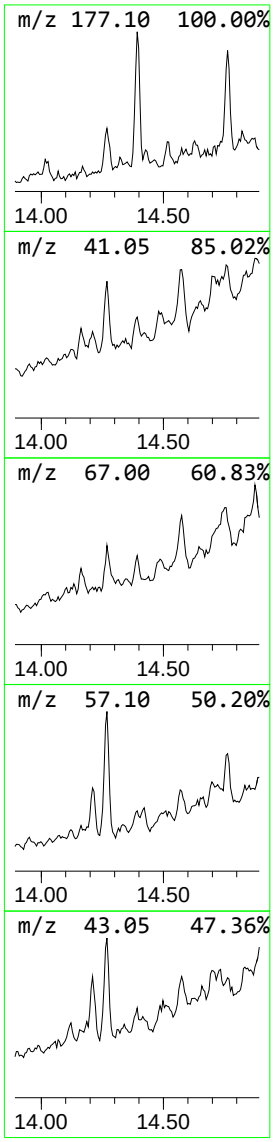
****

Peak Number 6 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.392	3.21 ng	414569	Acenaphthene-d10	14.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	86
2	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	38
3	1-(4-Fluorophenyl)-1H-pyrazol-5-...	177	C9H8FN3	727967-95-5	30
4	Edulan II	192	C13H20O	041678-30-2	30
5	trans-.beta.-Ionone	192	C13H20O	000079-77-6	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015323.D
Acq On : 26 May 2023 23:02
Operator : CG/JU
Sample : 02919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
IMPACTED-STONE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

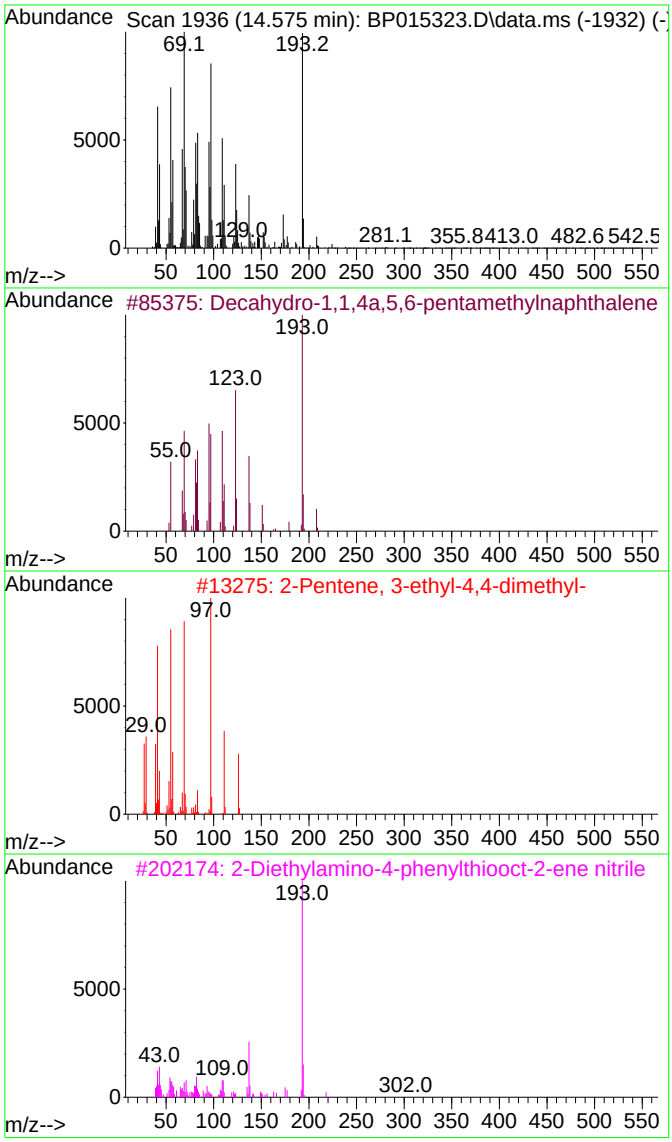
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

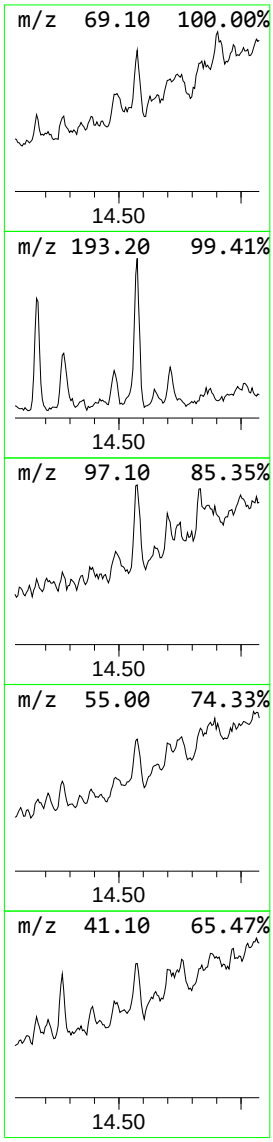
****

Peak Number 7 unknown14.575 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.575	6.50 ng	839676	Acenaphthene-d10	14.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	30
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
3	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	25
4	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	25
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015323.D
Acq On : 26 May 2023 23:02
Operator : CG/JU
Sample : 02919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
IMPACTED-STONE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.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
2-Pentanone, 4-...	5.163	3.7	ng	234463	1	8.104	1281360	20.0
Hexanoic acid	7.098	5.2	ng	334636	1	8.104	1281360	20.0
unknown12.551	12.551	4.8	ng	382994	2	10.934	1595710	20.0
unknown14.163	14.163	2.3	ng	291127	3	14.751	2582820	20.0
2,6-Di-tert-but...	14.269	9.2	ng	1189220	3	14.751	2582820	20.0
2,5-Cyclohexadi...	14.392	3.2	ng	414569	3	14.751	2582820	20.0
unknown14.575	14.575	6.5	ng	839676	3	14.751	2582820	20.0