LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013664.D
Acq On : 31 Jan 2023 02:01
Operator : CG/JU
Sample : 01328-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

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-BP012623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013664.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.211	3	4	10	rVB	1578151	1430040	11.20%	1.940%
2	5.205	337	343	356	rBV	1494343	2101802	16.46%	2.852%
3	5.675	416	423	436	rBV	3659128	5422209	42.47%	7.357%
4	7.287	689	697	712	rBV	3437509	5609175	43.94%	7.610%
5	8.146	836	843	849	rBV	767652	1246182	9.76%	1.691%
6	9.316	1034	1042	1052	rBV	1858941	2921531	22.89%	3.964%
7	10.969	1316	1323	1341	rBV	940272	1659762	13.00%	2.252%
8	13.404	1730	1737	1749	rBV	5335227	7822534	61.28%	10.613%
9	14.775	1963	1970	1979	rBV	1402944	2164848	16.96%	2.937%
10	16.128	2194	2200	2213	rBV	221119	333337	2.61%	0.452%
11	16.263	2216	2223	2237	rBV	4192469	5997655	46.98%	8.137%
12	17.528	2432	2438	2444	rBV	1856702	2718534	21.30%	3.688%
13	18.381	2579	2583	2594	rBV	351319	554864	4.35%	0.753%
14	19.604	2788	2791	2799	rBV4	126759	202008	1.58%	0.274%
15	20.063	2863	2869	2877	rVB	10026503	12765843	100.00%	17.320%
16	21.281	3072	3076	3087	rBV	837929	1268618	9.94%	1.721%
17	21.604	3126	3131	3137	rBV	2536989	3573524	27.99%	4.848%
18	21.728	3147	3152	3176	rBV	3256472	7103874	55.65%	9.638%
19	22.533	3284	3289	3312	rVB	2887432	4848806	37.98%	6.579%
20	24.180	3563	3569	3581	rVB2	1813376	3958922	31.01%	5.371%

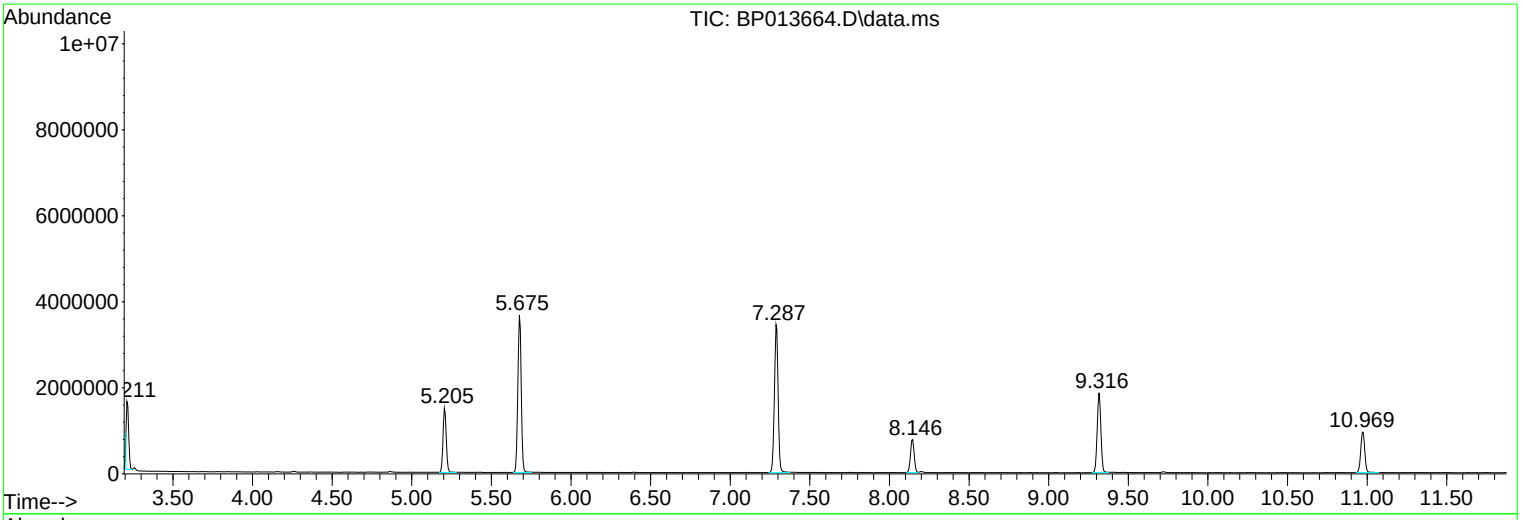
Sum of corrected areas: 73704068

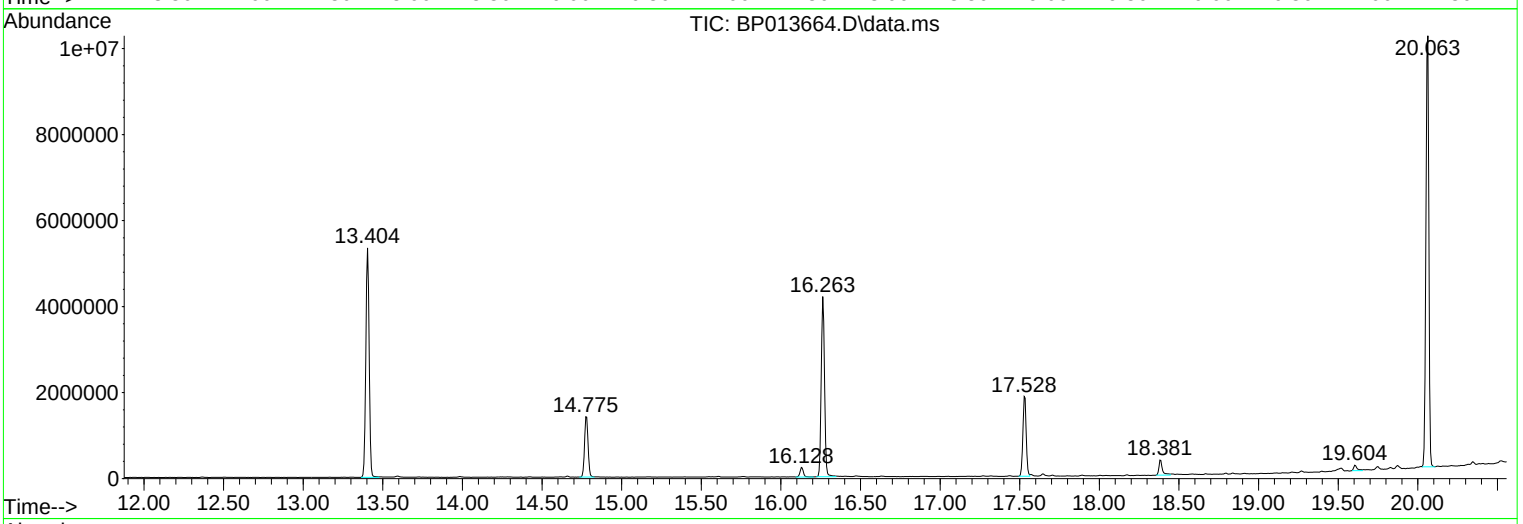
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013664.D
Acq On : 31 Jan 2023 02:01
Operator : CG/JU
Sample : 01328-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

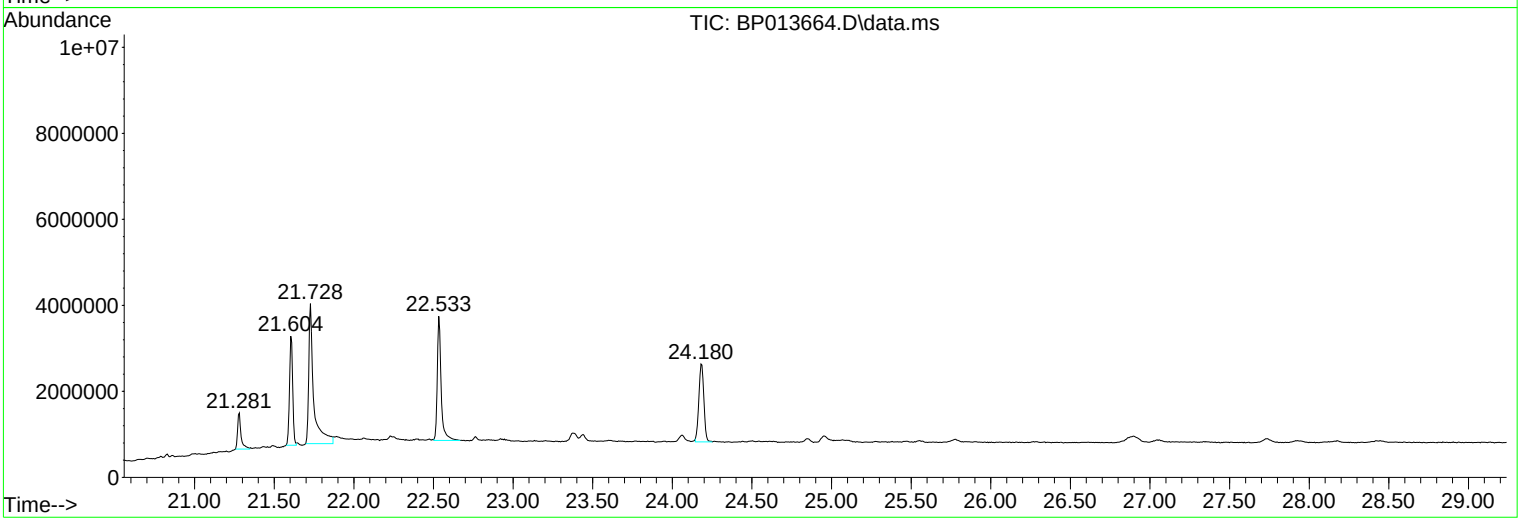
Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.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\BP013023\
Data File : BP013664.D
Acq On : 31 Jan 2023 02:01
Operator : CG/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

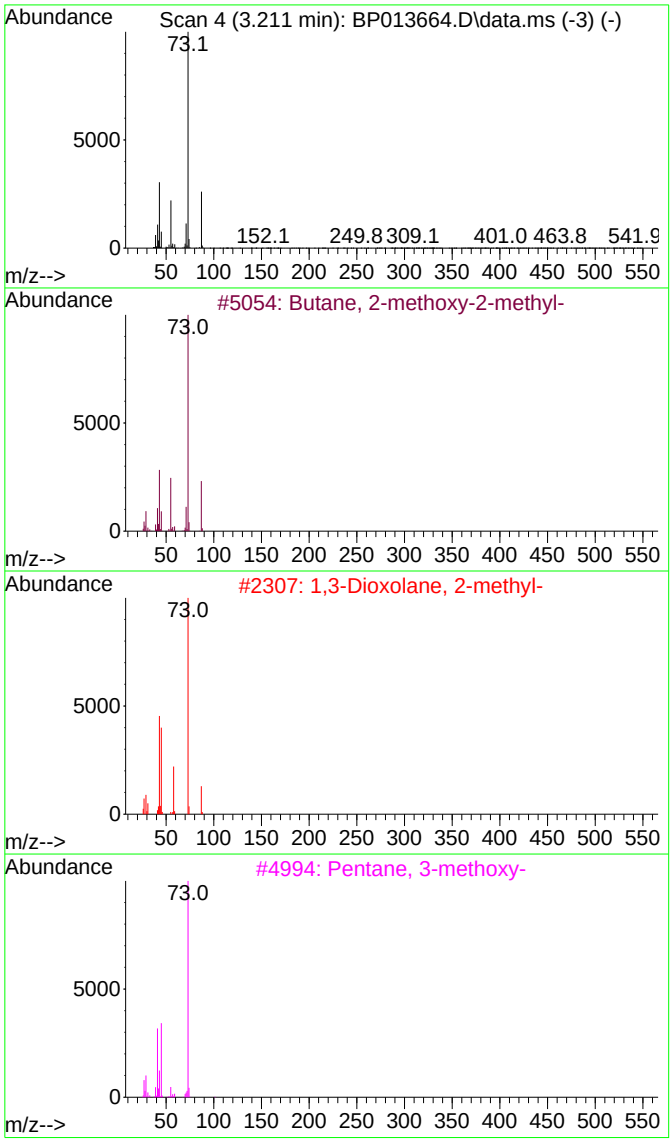
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

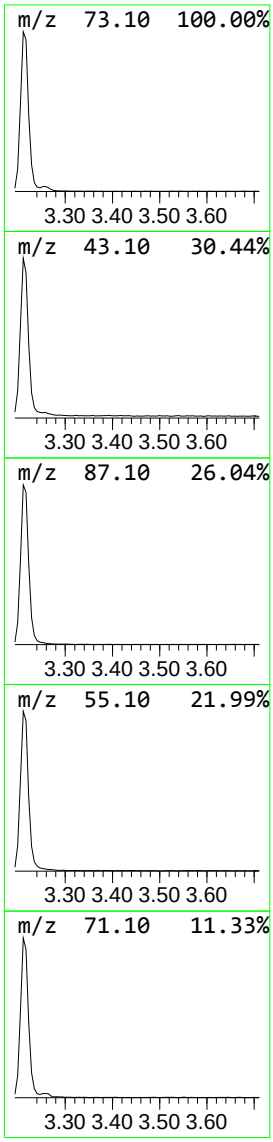
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.211	22.95 ng	1430040	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013664.D
Acq On : 31 Jan 2023 02:01
Operator : CG/JU
Sample : 01328-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

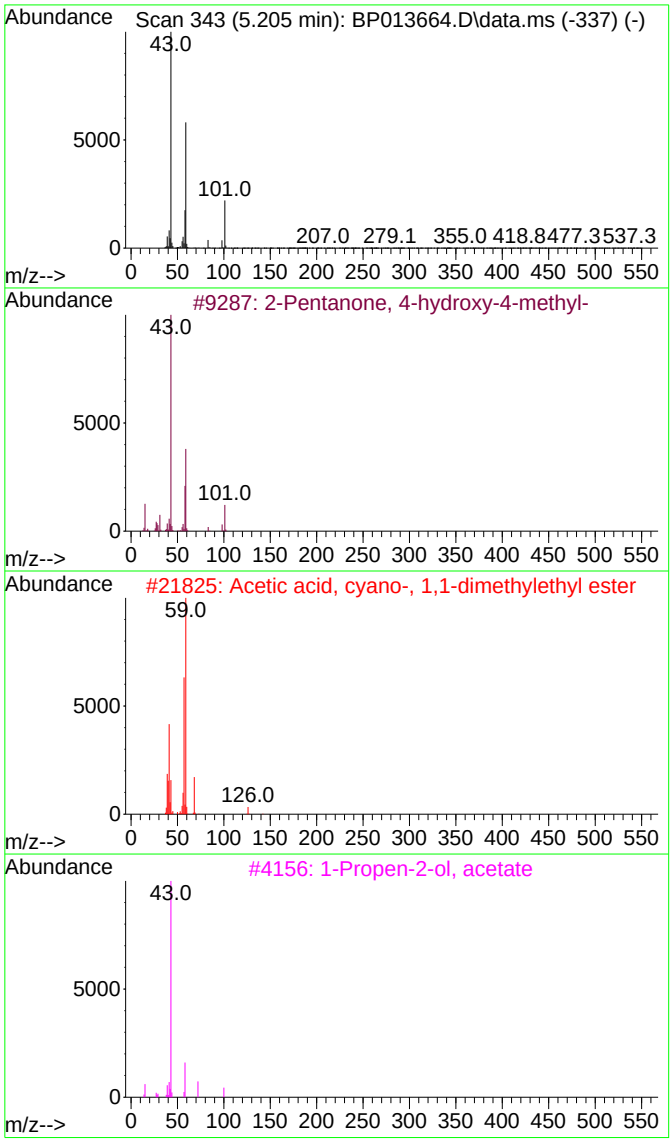
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

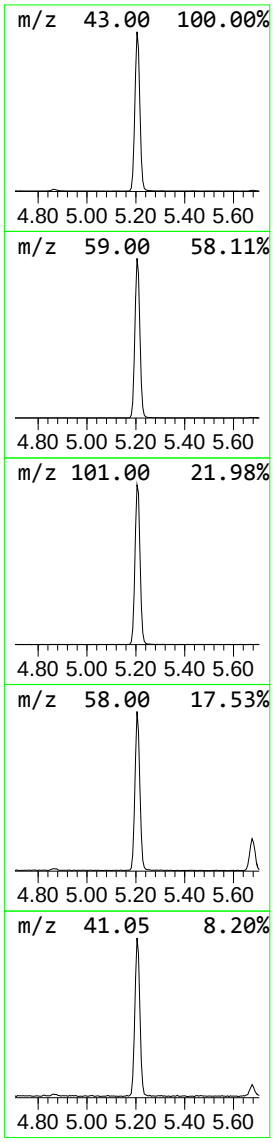
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.205	33.73 ng	2101800	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013664.D
Acq On : 31 Jan 2023 02:01
Operator : CG/JU
Sample : 01328-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

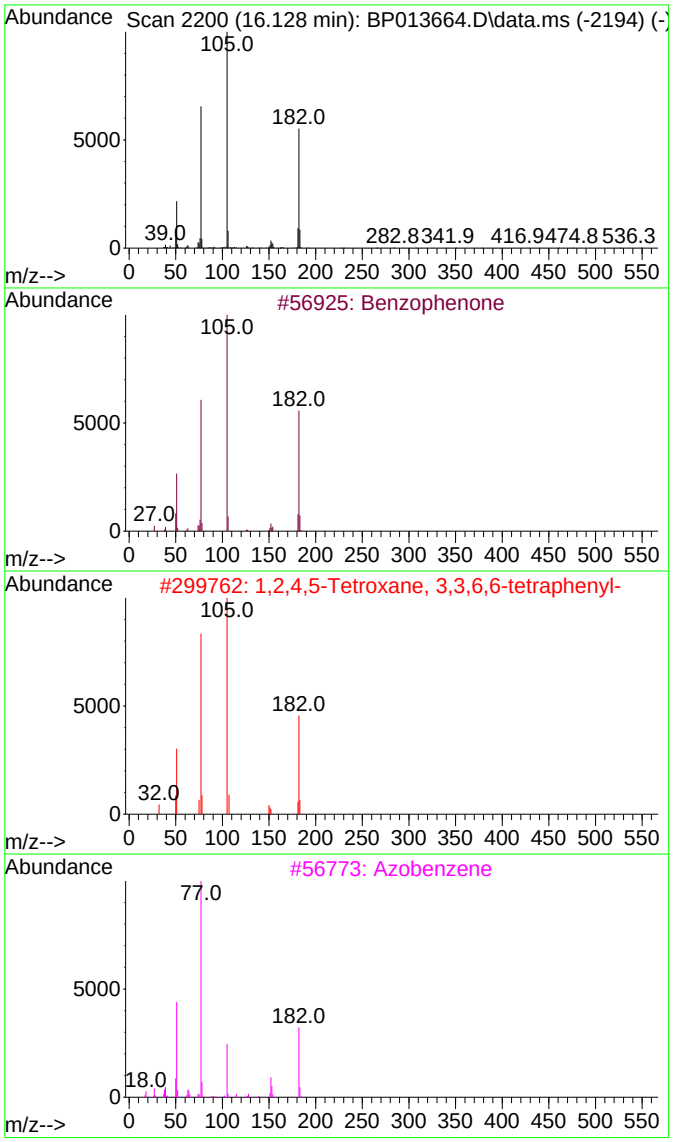
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

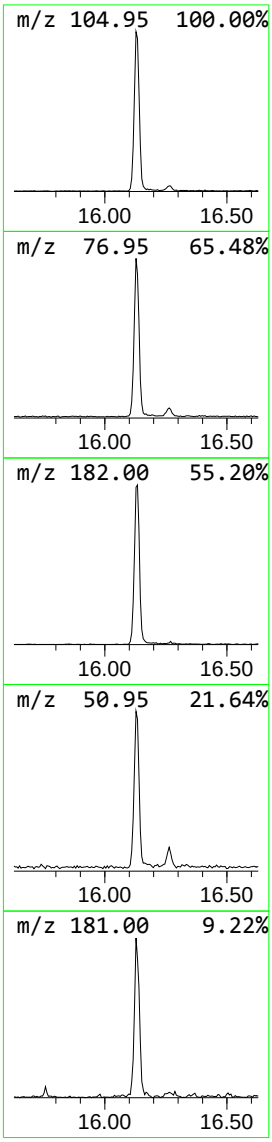
****

Peak Number 3 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.128	3.08 ng	333337	Acenaphthene-d10	14.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Azobenzene	182	C12H10N2	000103-33-3	64
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	39
5	Azobenzene, (E)-	182	C12H10N2	017082-12-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013664.D
Acq On : 31 Jan 2023 02:01
Operator : CG/JU
Sample : 01328-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

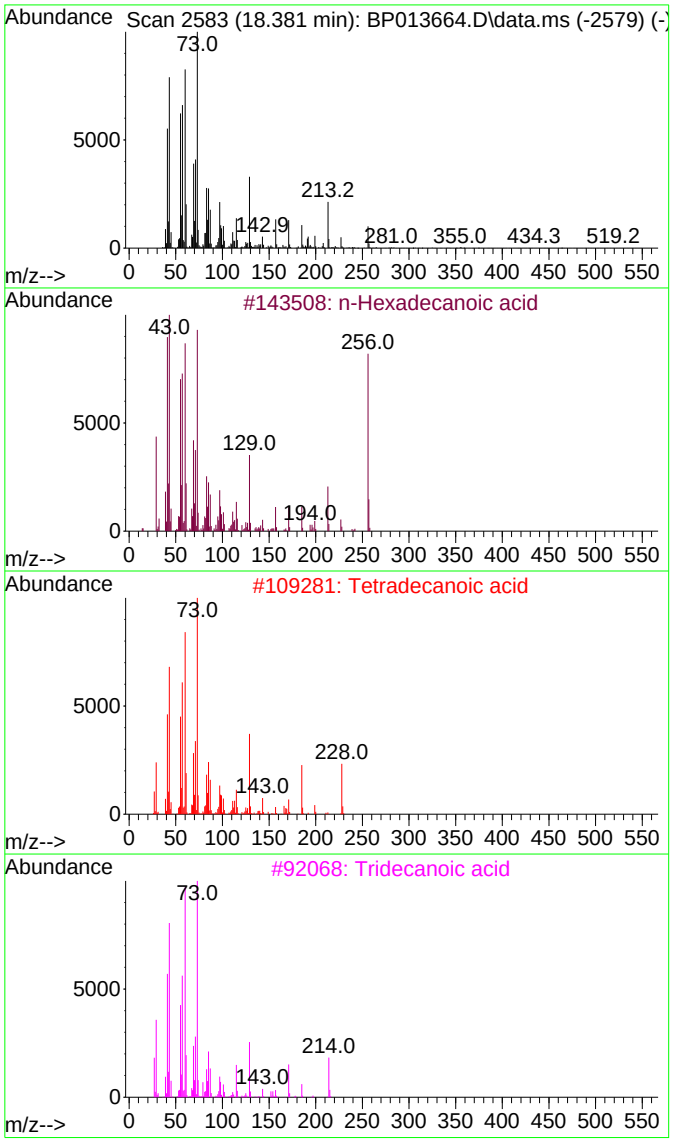
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

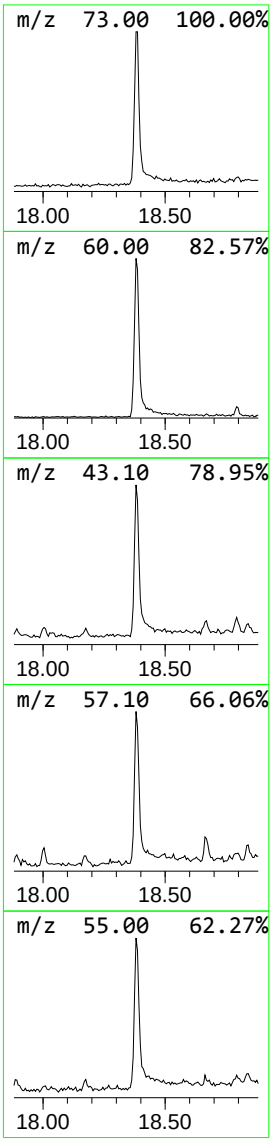
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	4.08 ng	554864	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013664.D
Acq On : 31 Jan 2023 02:01
Operator : CG/JU
Sample : 01328-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

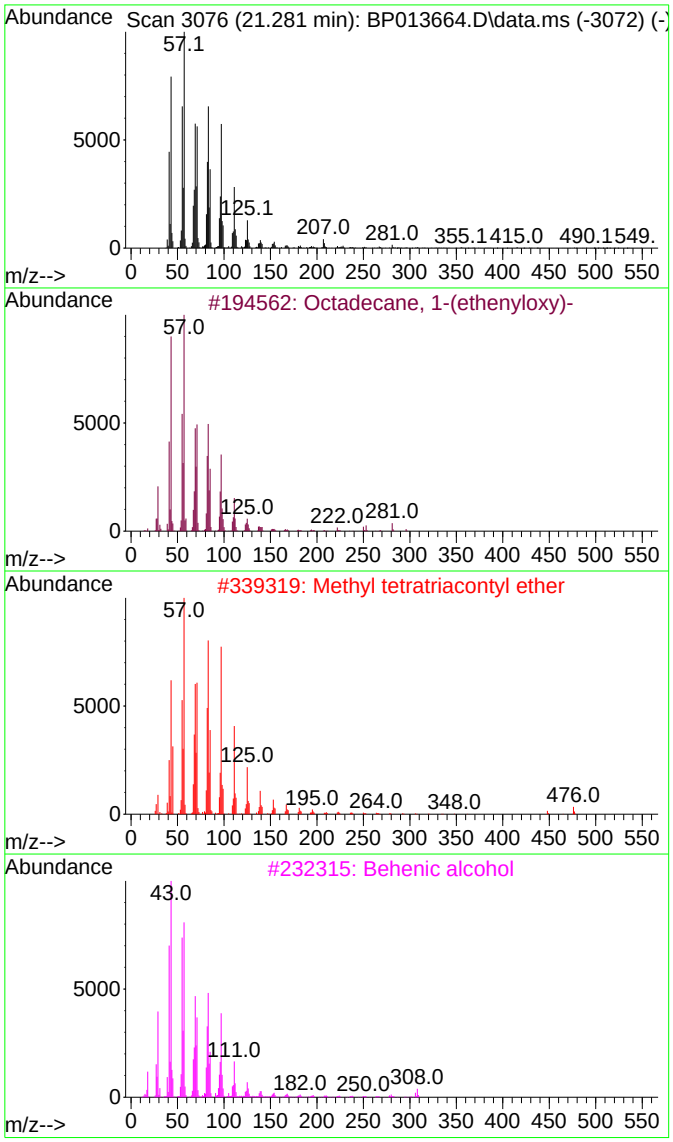
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

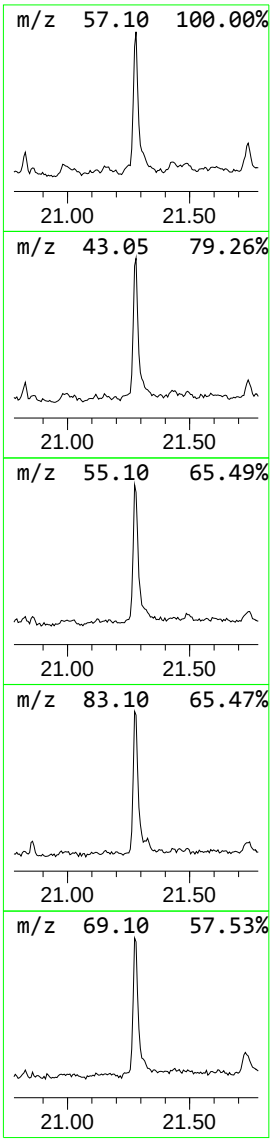
****

Peak Number 5 Octadecane, 1-(ethenyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.281	7.10 ng	1268620	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	94
2	Methyl tetratriacontyl ether	509	C35H72O	1000406-30-1	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	90
5	Octadecyl propyl ether	312	C21H44O	1000406-28-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013664.D
Acq On : 31 Jan 2023 02:01
Operator : CG/JU
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Instrument :
BNA_P
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COMP-2-BORING-1-7-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

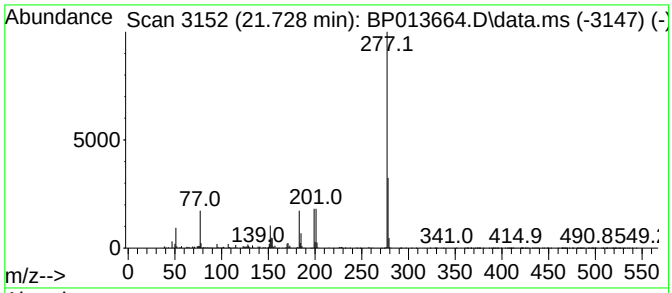
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

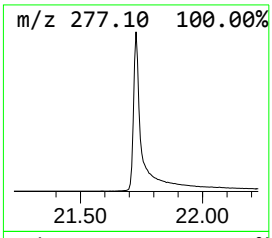
****

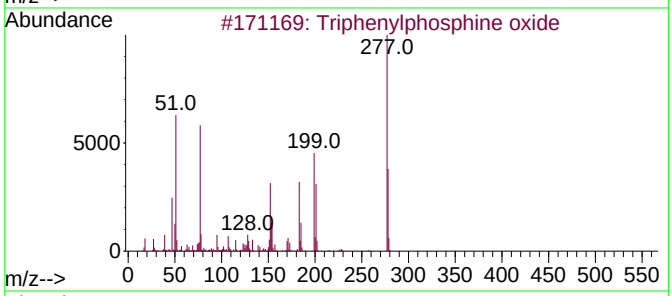
Peak Number 6 Triphenylphosphine oxide Concentration Rank 1

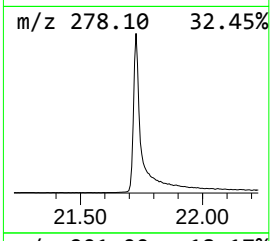
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.727	39.76 ng	7103870	Chrysene-d12	21.604

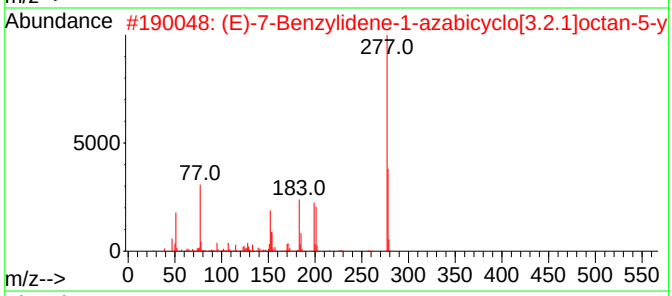
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	38
5	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	9

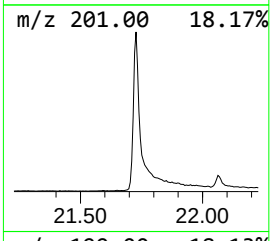


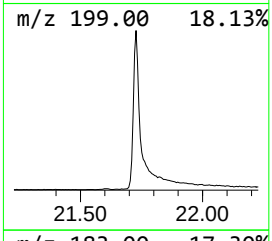


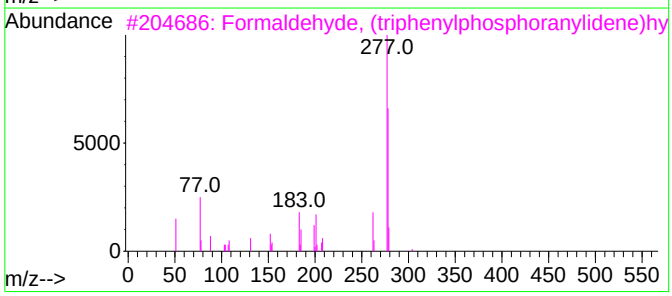


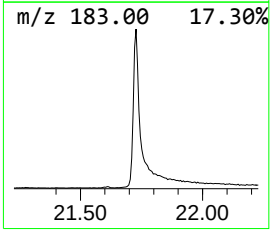












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

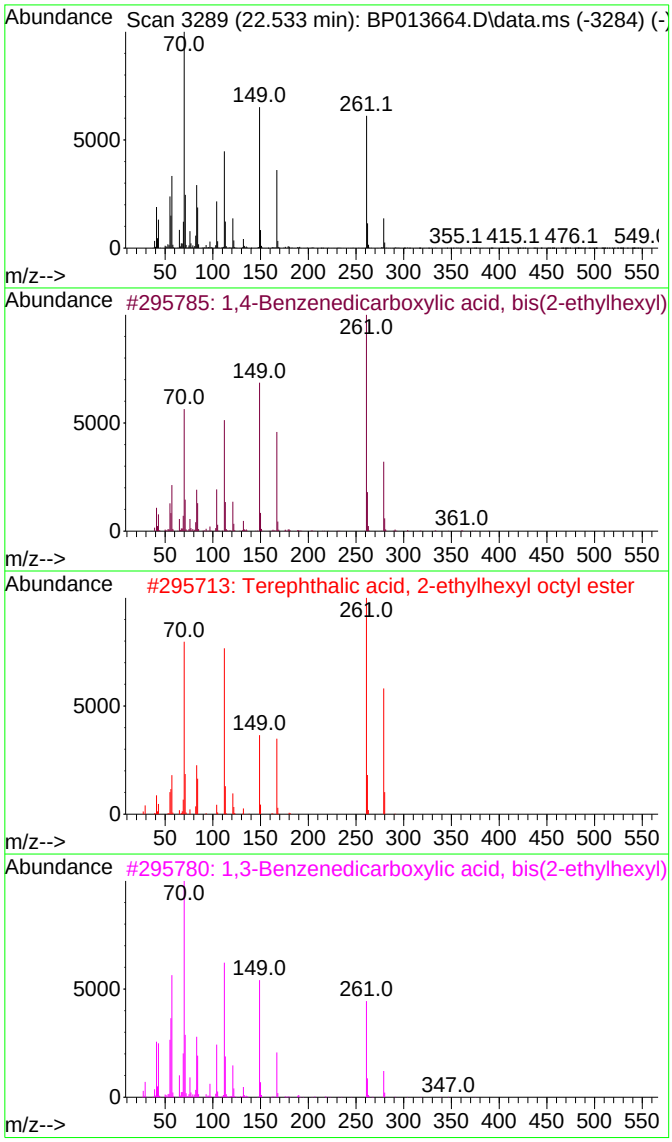
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

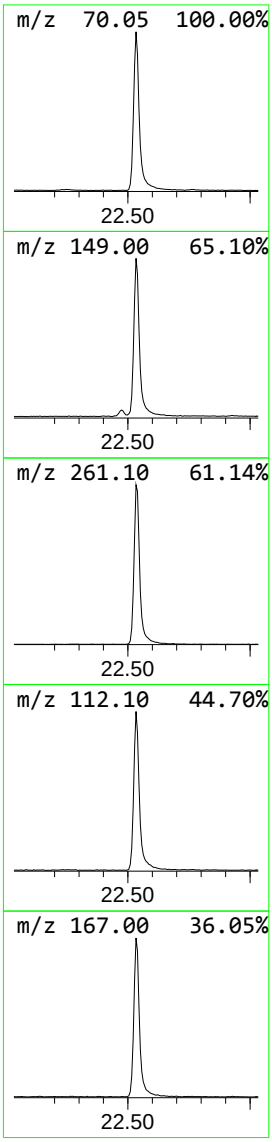
****

Peak Number 7 1,4-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.533	27.14 ng	4848810	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	58
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
4	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	52
5	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013664.D
Acq On : 31 Jan 2023 02:01
Operator : CG/JU
Sample : 01328-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.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
Butane, 2-metho...	3.211	22.9	ng	1430040	1	8.146	1246180	20.0
2-Pentanone, 4-...	5.205	33.7	ng	2101800	1	8.146	1246180	20.0
Benzophenone	16.128	3.1	ng	333337	3	14.775	2164850	20.0
n-Hexadecanoic ...	18.381	4.1	ng	554864	4	17.528	2718530	20.0
Octadecane, 1-(...	21.281	7.1	ng	1268620	5	21.604	3573520	20.0
Triphenylphosph...	21.727	39.8	ng	7103870	5	21.604	3573520	20.0
1,4-Benzenedica...	22.533	27.1	ng	4848810	5	21.604	3573520	20.0