LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001661.D
Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

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\8270-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.864	9	13	22	rVV	27031	50435	1.85%	0.298%
2	2.940	22	26	39	rVB	203346	263567	9.66%	1.555%
3	4.793	336	341	351	rVB	189000	259582	9.51%	1.531%
4	5.258	414	420	436	rVB	786572	1166549	42.75%	6.882%
5	6.834	680	688	701	rBV	905635	1490729	54.63%	8.795%
6	7.175	739	746	758	rBV	857869	1341380	49.16%	7.914%
7	7.628	817	823	830	rBV	184388	281898	10.33%	1.663%
8	7.946	870	877	887	rBV	582721	958610	35.13%	5.656%
9	8.781	1011	1019	1038	rBV	531915	919175	33.69%	5.423%
10	10.405	1287	1295	1305	rBV	210872	371634	13.62%	2.193%
11	12.898	1711	1719	1733	rBV	1146395	1760179	64.51%	10.385%
12	13.746	1856	1863	1875	rBV	61789	101369	3.71%	0.598%
13	14.281	1947	1954	1971	rBV	347882	541467	19.84%	3.195%
14	15.781	2202	2209	2228	rBV	1016378	1527844	55.99%	9.014%
15	17.039	2417	2423	2437	rBV	450664	674349	24.71%	3.979%
16	19.628	2857	2863	2876	rBV	2272402	2728661	100.00%	16.099%
17	20.880	3072	3076	3083	rBV2	231297	339907	12.46%	2.005%
18	20.933	3083	3085	3093	rVB	28238	47723	1.75%	0.282%
19	21.145	3115	3121	3132	rBV	520258	690892	25.32%	4.076%
20	21.322	3147	3151	3156	rBV	41841	50471	1.85%	0.298%
21	21.757	3221	3225	3236	rVB	82040	116500	4.27%	0.687%
22	22.222	3300	3304	3309	rBV	124582	163266	5.98%	0.963%
23	22.733	3386	3391	3399	rBV	132982	208417	7.64%	1.230%
24	23.310	3483	3489	3494	rBV	113787	183164	6.71%	1.081%
25	23.374	3494	3500	3508	rVB	262734	496750	18.20%	2.931%
26	23.968	3595	3601	3607	rVB	73202	143455	5.26%	0.846%
27	24.727	3725	3730	3735	rVB	36254	71754	2.63%	0.423%

Sum of corrected areas: 16949727

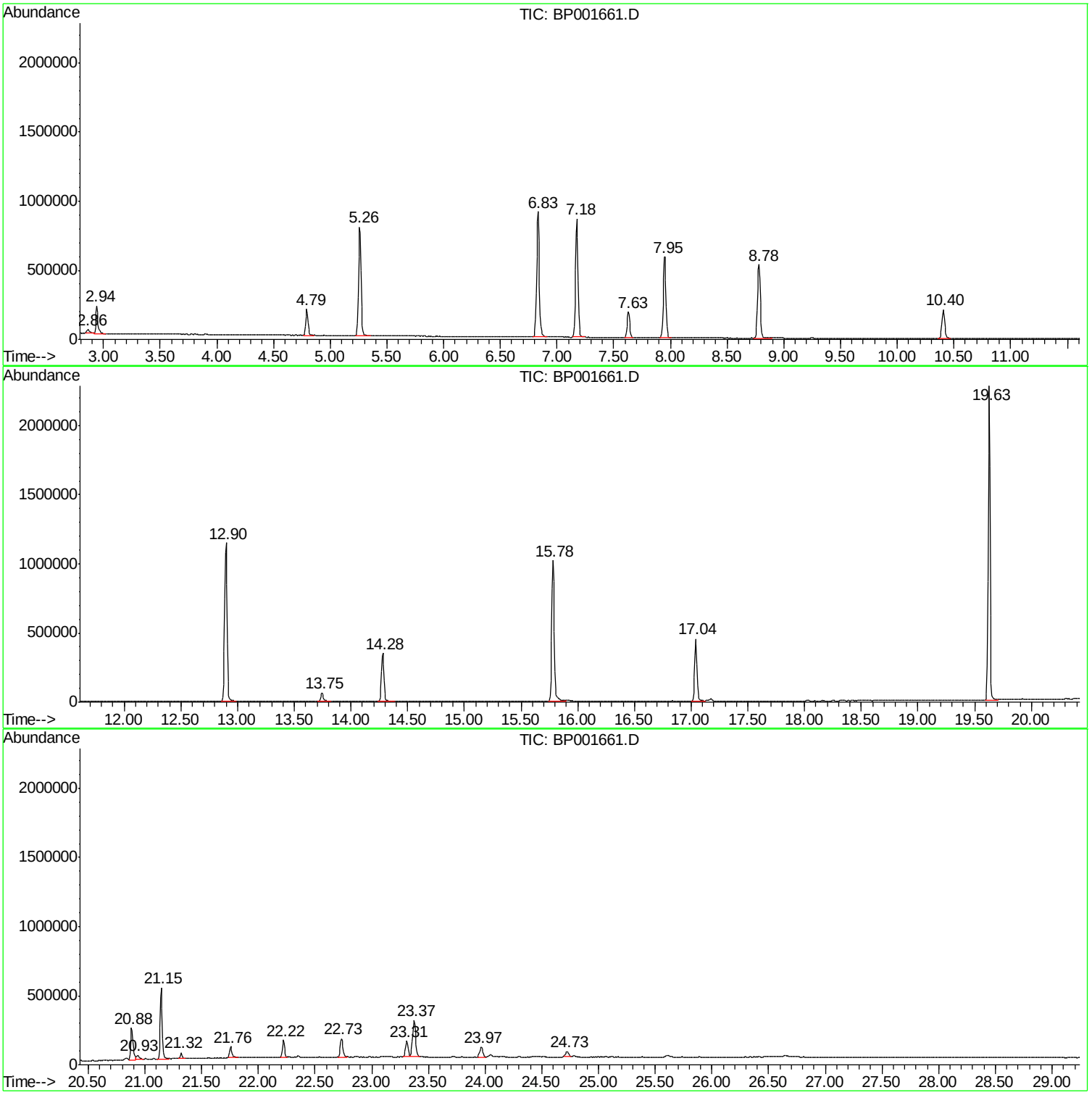
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001661.D
Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001661.D
Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

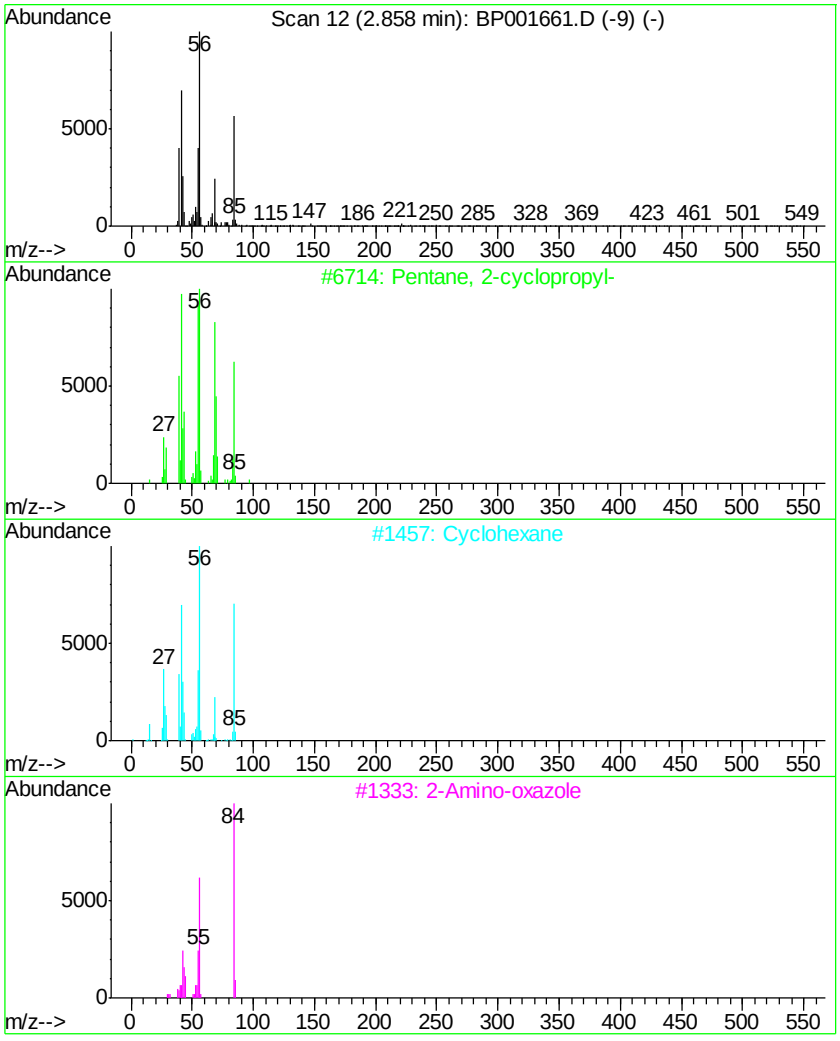
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

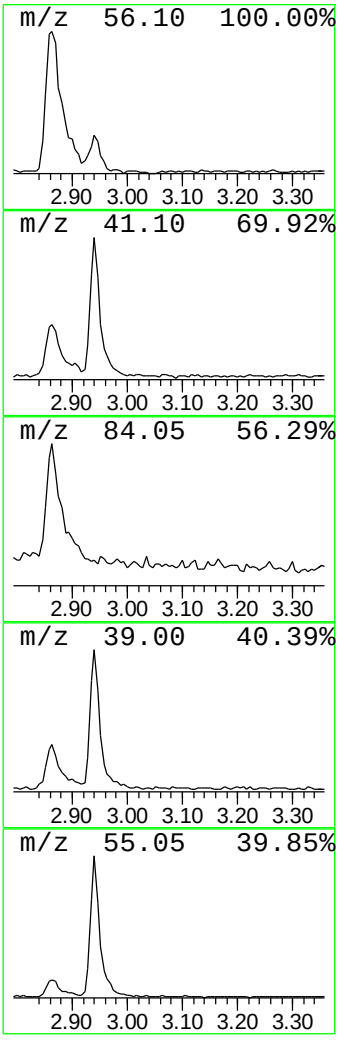
****

Peak Number 1 Pentane, 2-cyclopropyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	3.58 ng	50435	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-cyclopropyl-	112	C8H16	005458-16-2	78
2	Cyclohexane	84	C6H12	000110-82-7	70
3	2-Amino-oxazole	84	C3H4N2O	004570-45-0	64
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
5	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001661.D
Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

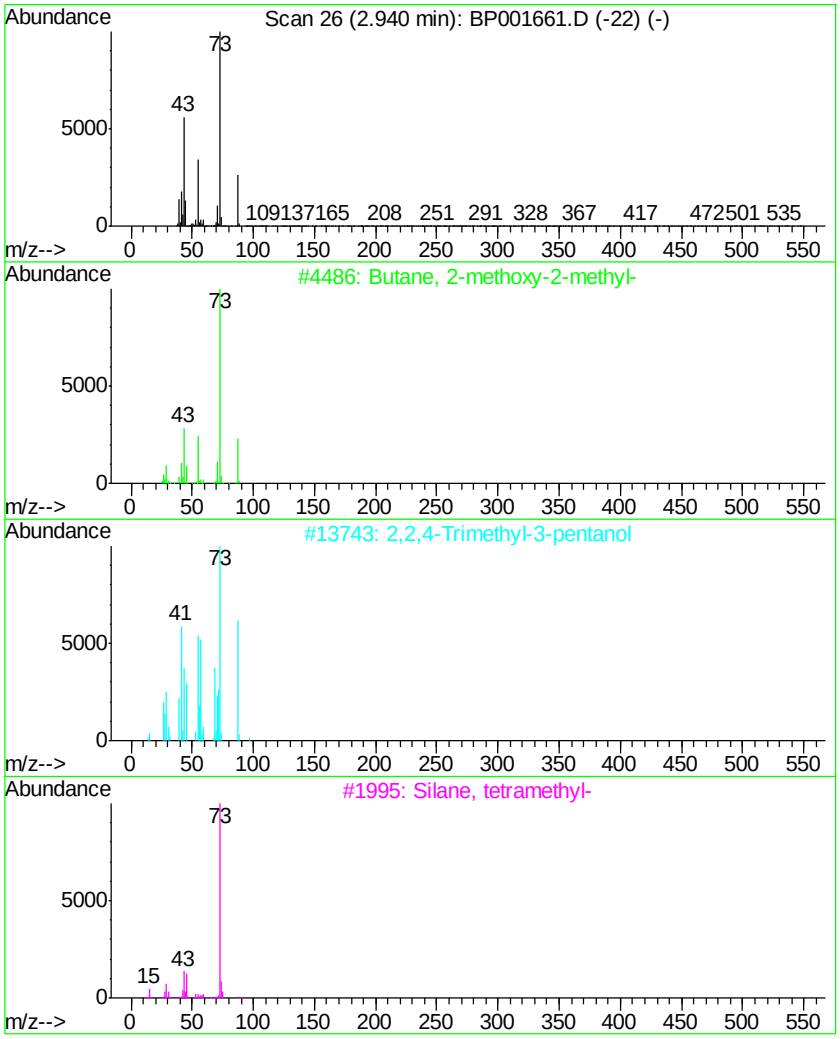
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

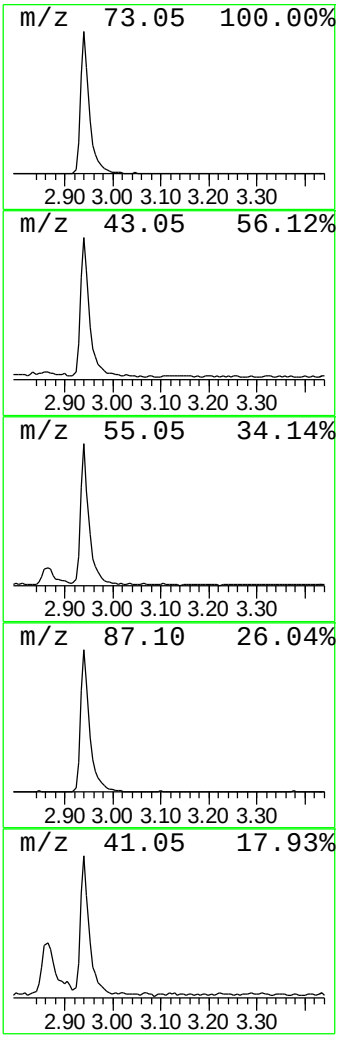
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	18.70 ng	263567	1,4-Dichlorobenzene-d4	7.63

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	4-Penten-2-ol, acetate	128	C7H12O2	1000352-31-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001661.D
Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

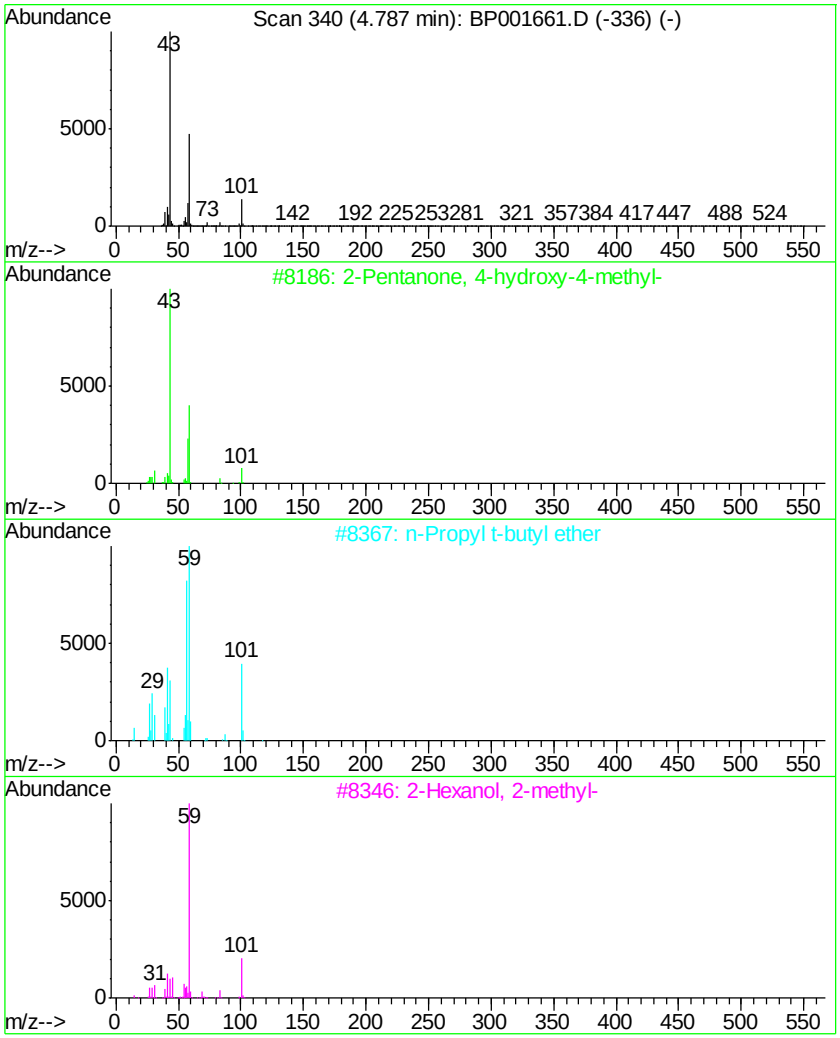
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

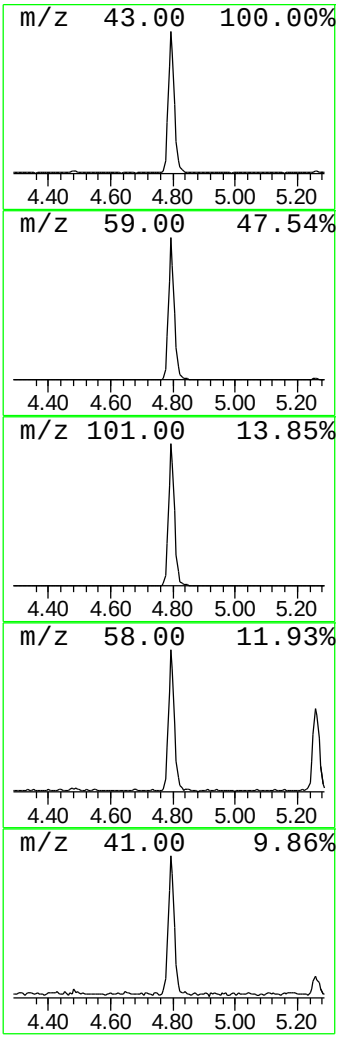
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	18.42 ng	259582	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001661.D
Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

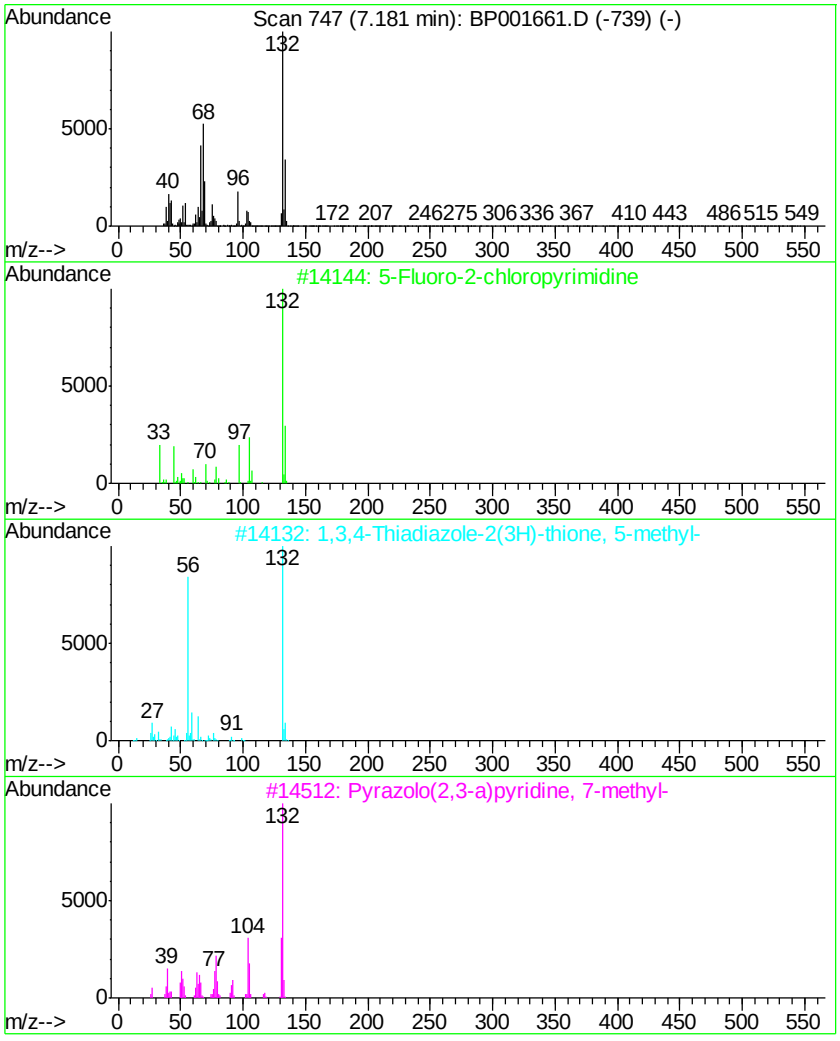
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

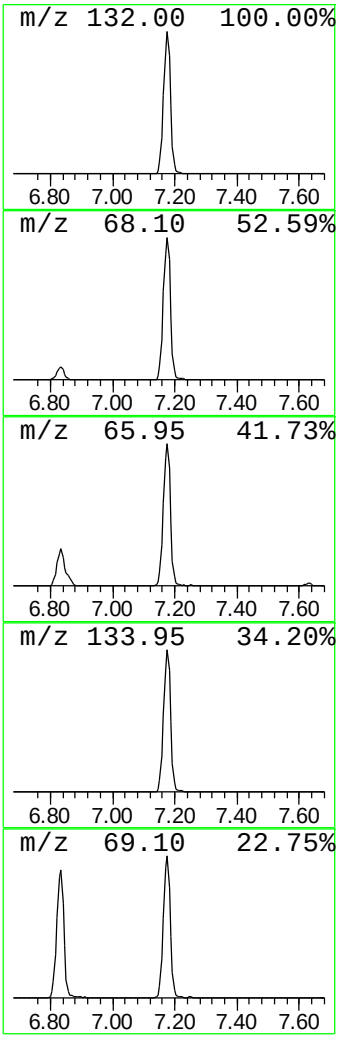
****

Peak Number 4 unknown7.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	95.17 ng	1341380	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001661.D
Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

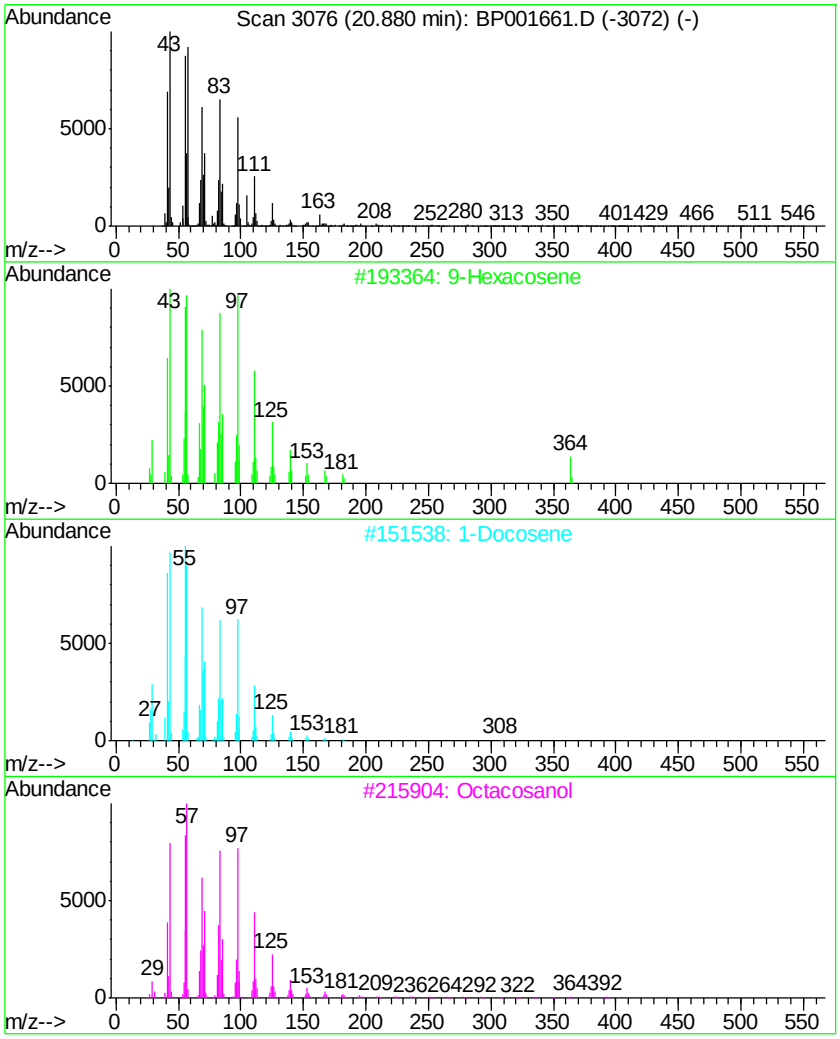
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

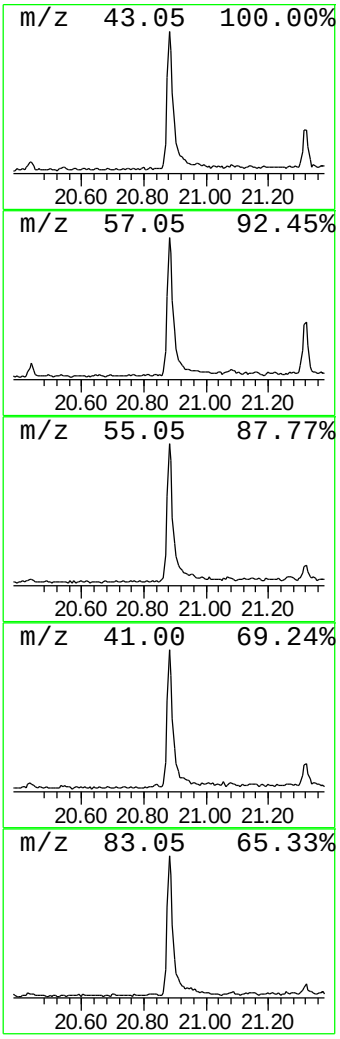
****

Peak Number 6 9-Hexacosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	9.84 ng	339907	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexacosene	364	C26H52	071502-22-2	96
2	1-Docosene	308	C22H44	001599-67-3	95
3	Octacosanol	410	C28H58O	000557-61-9	94
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001661.D
Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

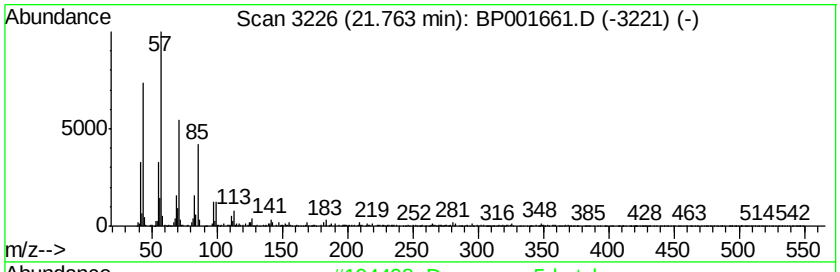
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

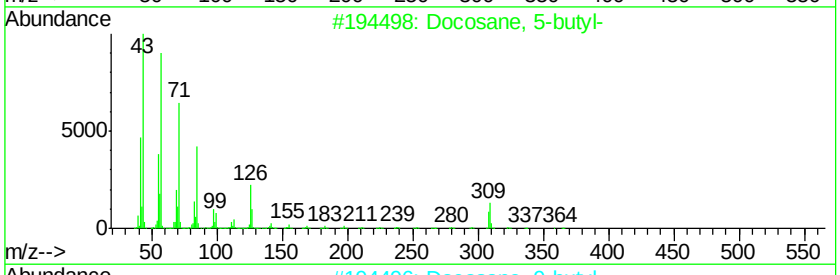
****

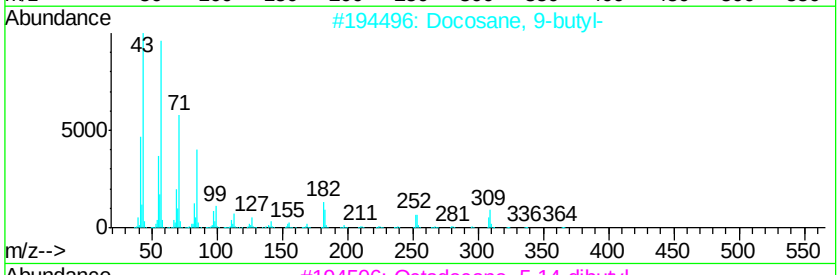
Peak Number 7 Docosane, 5-butyl- Concentration Rank 11

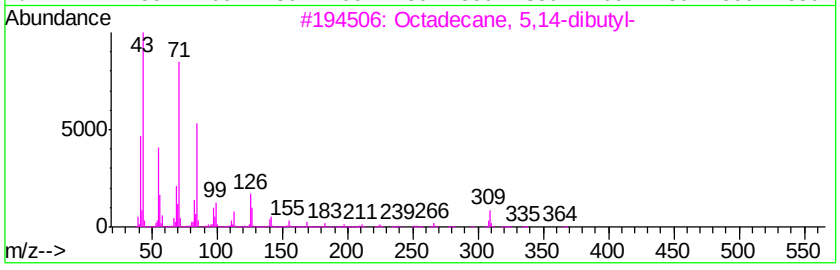
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.37 ng	116500	Chrysene-d12	21.15

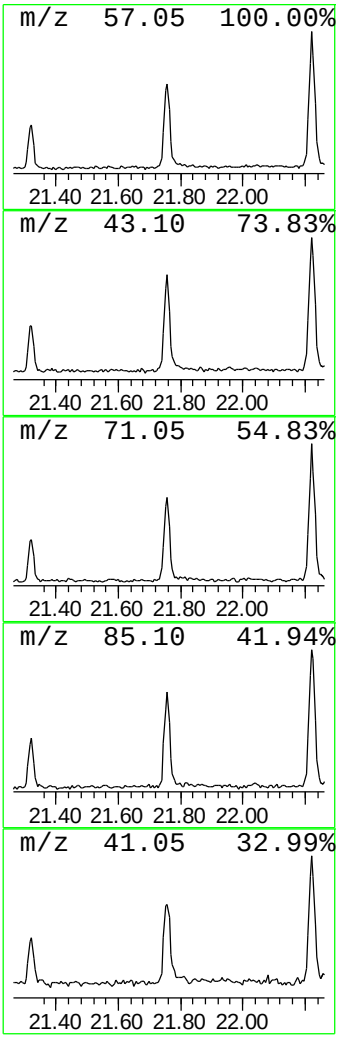
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 5-butyl-	366	C26H54	055282-16-1	93
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	89
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	83











Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001661.D
Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

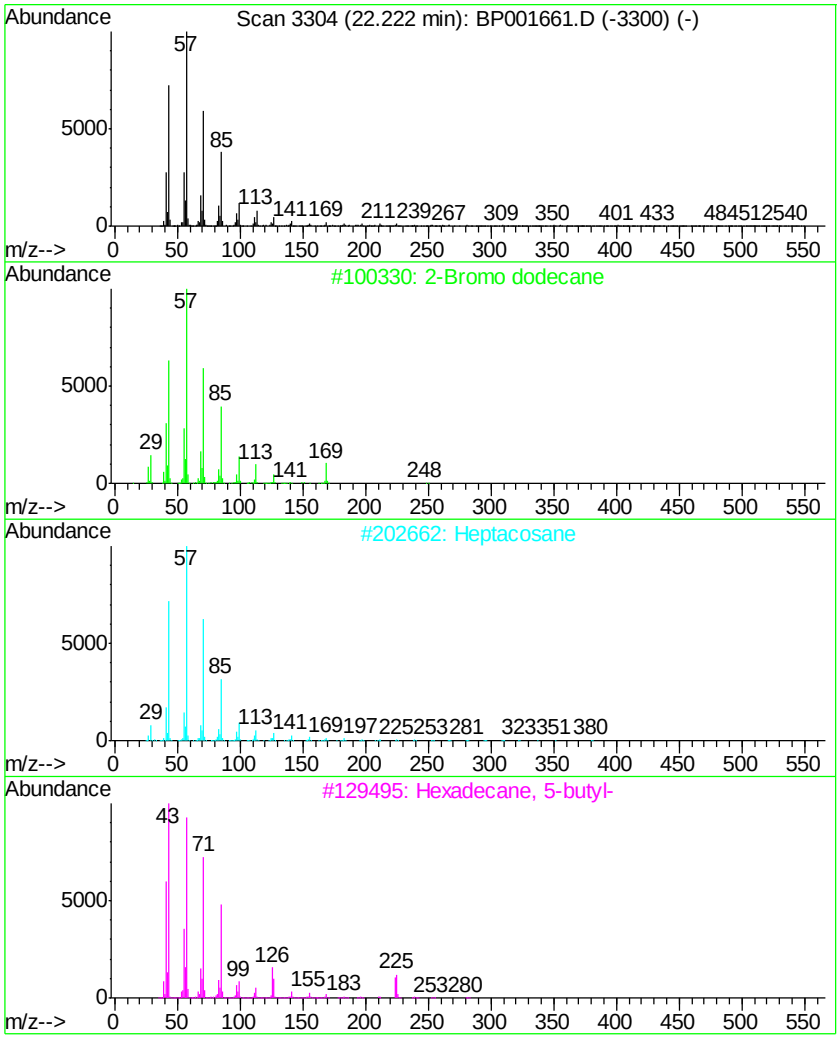
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

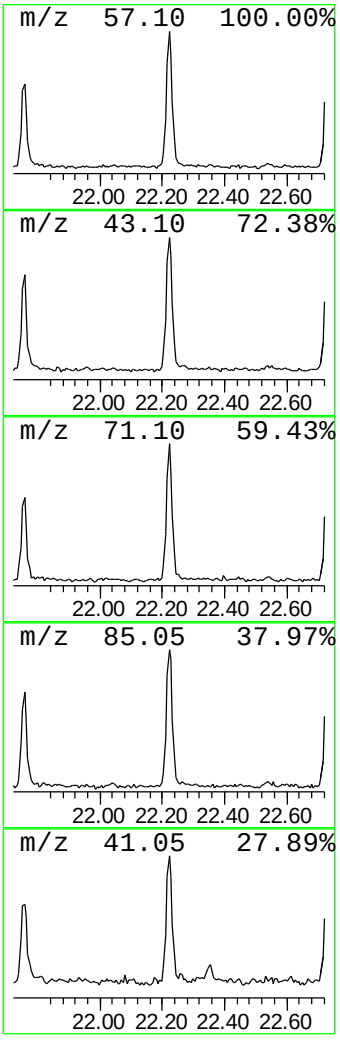
****

Peak Number 8 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	4.73 ng	163266	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001661.D
Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

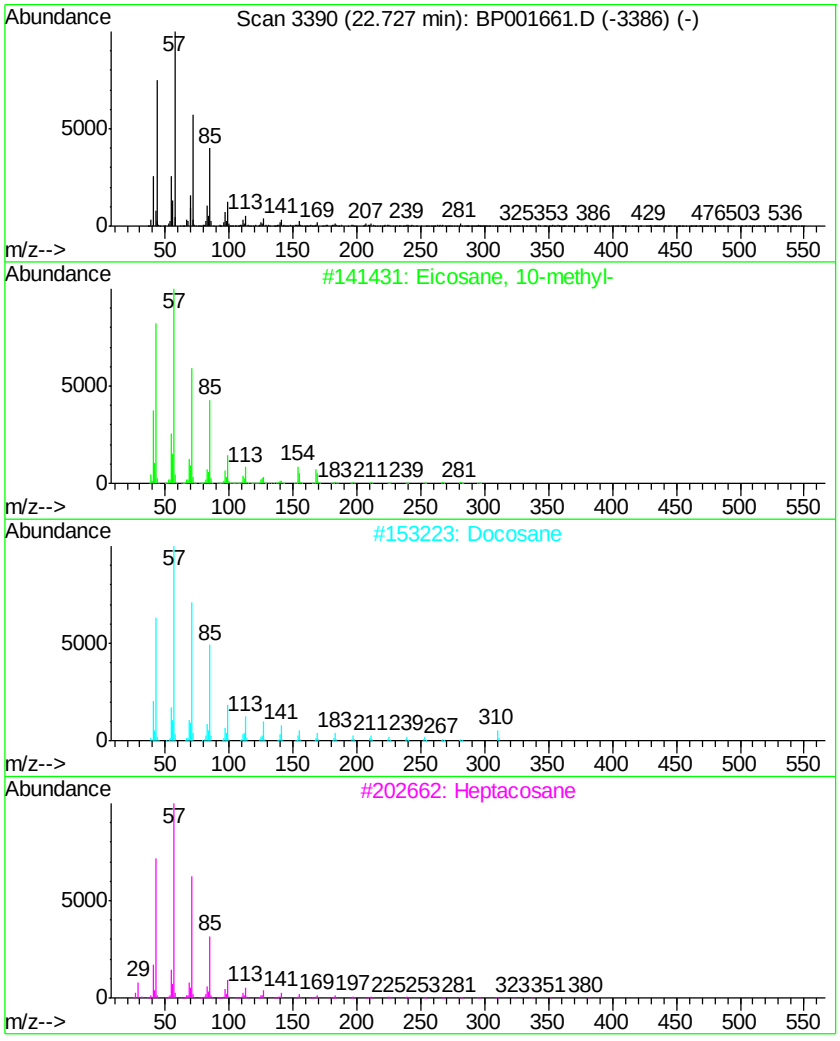
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

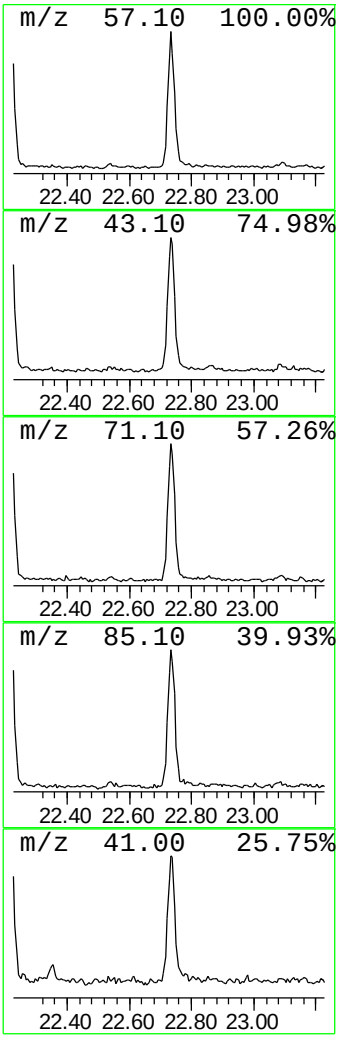
****

Peak Number 9 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	8.39 ng	208417	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Docosane	310	C22H46	000629-97-0	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001661.D
Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

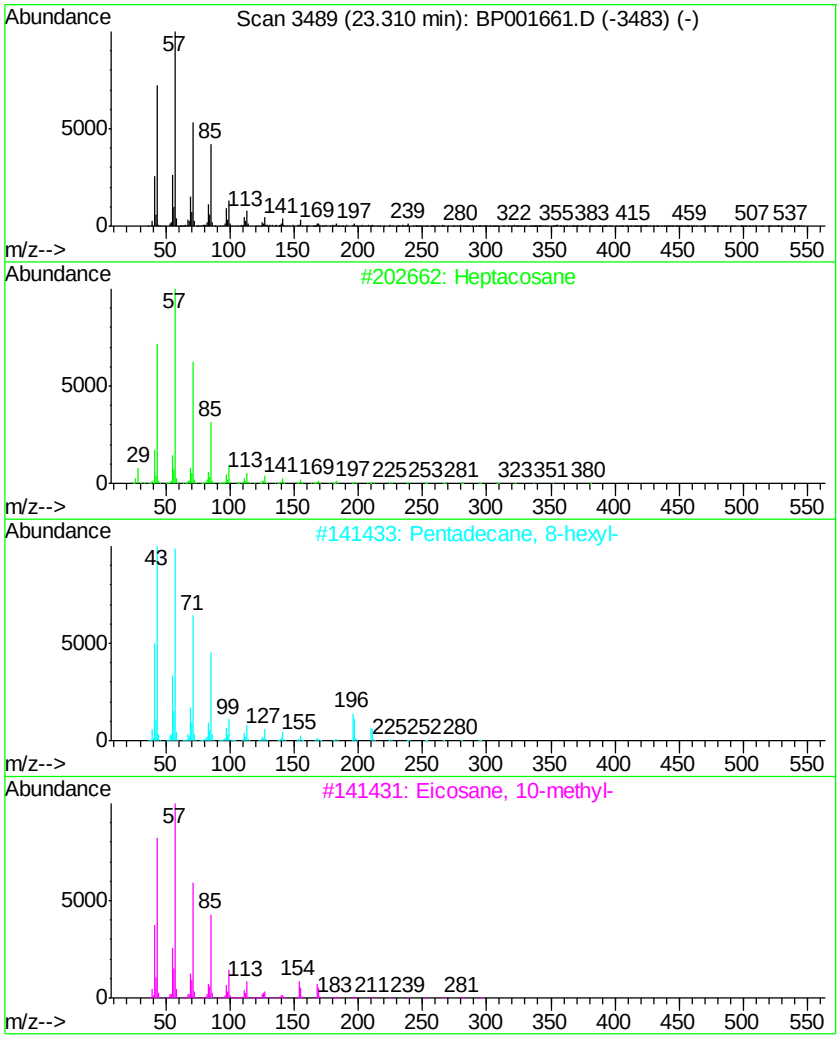
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

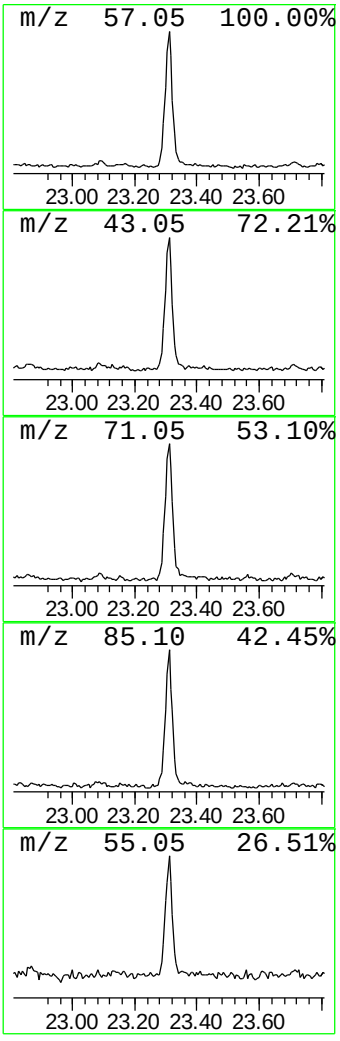
****

Peak Number 10 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	7.37 ng	183164	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Heneicosane	296	C21H44	000629-94-7	83
5	Tetracosane	338	C24H50	000646-31-1	83





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Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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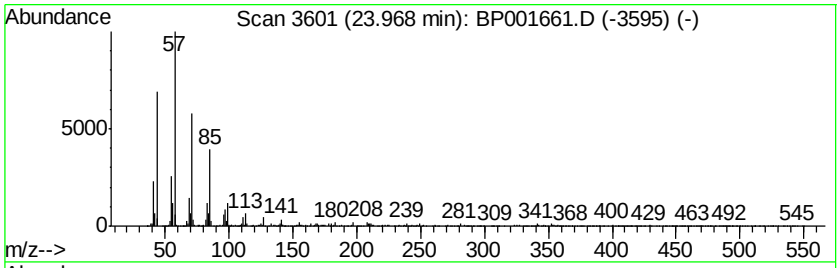
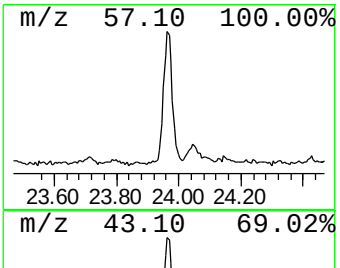
Peak Number 11 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	5.78 ng	143455	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	86
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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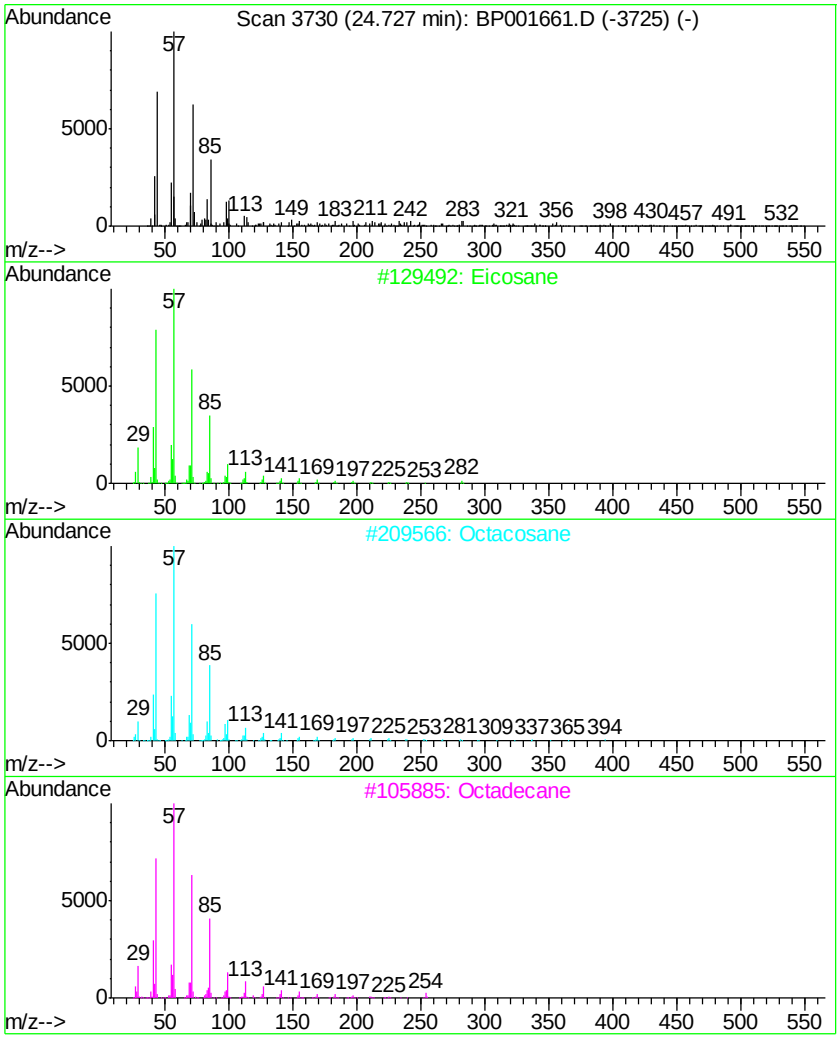
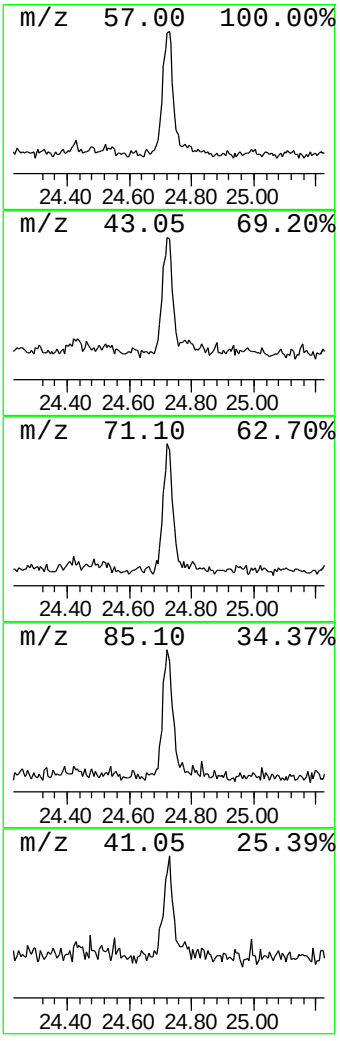
Peak Number 12 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	2.89 ng	71754	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Octacosane	394	C28H58	000630-02-4	83
3	Octadecane	254	C18H38	000593-45-3	81
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	81
5	Docosane, 9-octyl-	422	C30H62	055319-83-0	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011720\
Data File : BP001661.D
Acq On : 17 Jan 2020 17:20
Operator : JU
Sample : L1172-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TSP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2-cyclop...	2.86	3.6	ng	50435	1	7.63	281898	20.0
Butane, 2-methoxy...	2.94	18.7	ng	263567	1	7.63	281898	20.0
2-Pentanone, 4-hy...	4.79	18.4	ng	259582	1	7.63	281898	20.0
unknown7.18	7.18	95.2	ng	1341380	1	7.63	281898	20.0
9-Hexacosene	20.88	9.8	ng	339907	5	21.15	690892	20.0
Docosane, 5-butyl-	21.76	3.4	ng	116500	5	21.15	690892	20.0
2-Bromo dodecane	22.22	4.7	ng	163266	5	21.15	690892	20.0
Eicosane, 10-methyl-	22.73	8.4	ng	208417	6	23.37	496750	20.0
Heptacosane	23.31	7.4	ng	183164	6	23.37	496750	20.0
Tetracosane	23.97	5.8	ng	143455	6	23.37	496750	20.0
Eicosane	24.73	2.9	ng	71754	6	23.37	496750	20.0