LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001568.D
Acq On : 09 Jan 2020 00:14
Operator : JU
Sample : L1051-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(18-20)

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	2.975	28	32	46	rVB	125011	185988	5.76%	1.233%
2	4.828	342	347	357	rVB	186926	271261	8.40%	1.799%
3	5.287	419	425	436	rVB	404033	589971	18.26%	3.913%
4	6.857	684	692	704	rBV	876001	1388689	42.98%	9.210%
5	7.205	743	751	759	rBV	686645	1090134	33.74%	7.230%
6	7.657	819	828	834	rBV	155540	237939	7.36%	1.578%
7	7.975	875	882	889	rVB	647029	1019800	31.56%	6.763%
8	8.804	1014	1023	1032	rBV	572509	917011	28.38%	6.082%
9	10.434	1291	1300	1308	rBV	189015	317883	9.84%	2.108%
10	12.922	1715	1723	1734	rBV	1395650	1984184	61.41%	13.159%
11	13.769	1861	1867	1875	rBV	51105	72795	2.25%	0.483%
12	14.298	1949	1957	1965	rBV	314068	461916	14.30%	3.063%
13	15.798	2205	2212	2229	rBV	611994	817492	25.30%	5.422%
14	17.057	2420	2426	2438	rVB	425319	611010	18.91%	4.052%
15	17.992	2581	2585	2592	rBV3	41644	58698	1.82%	0.389%
16	19.651	2861	2867	2872	rBV	2657498	3230794	100.00%	21.427%
17	20.916	3079	3082	3088	rVB2	59373	70173	2.17%	0.465%
18	21.163	3119	3124	3128	rBV	543239	662100	20.49%	4.391%
19	21.351	3152	3156	3161	rBV	66953	73329	2.27%	0.486%
20	21.786	3227	3230	3235	rVB2	75913	92187	2.85%	0.611%
21	22.263	3307	3311	3316	rVB	87851	120045	3.72%	0.796%
22	22.780	3395	3399	3404	rVB	79649	116116	3.59%	0.770%
23	23.362	3494	3498	3499	rBV	75238	96222	2.98%	0.638%
24	23.404	3500	3505	3512	rVB2	308011	592690	18.35%	3.931%

Sum of corrected areas: 15078427

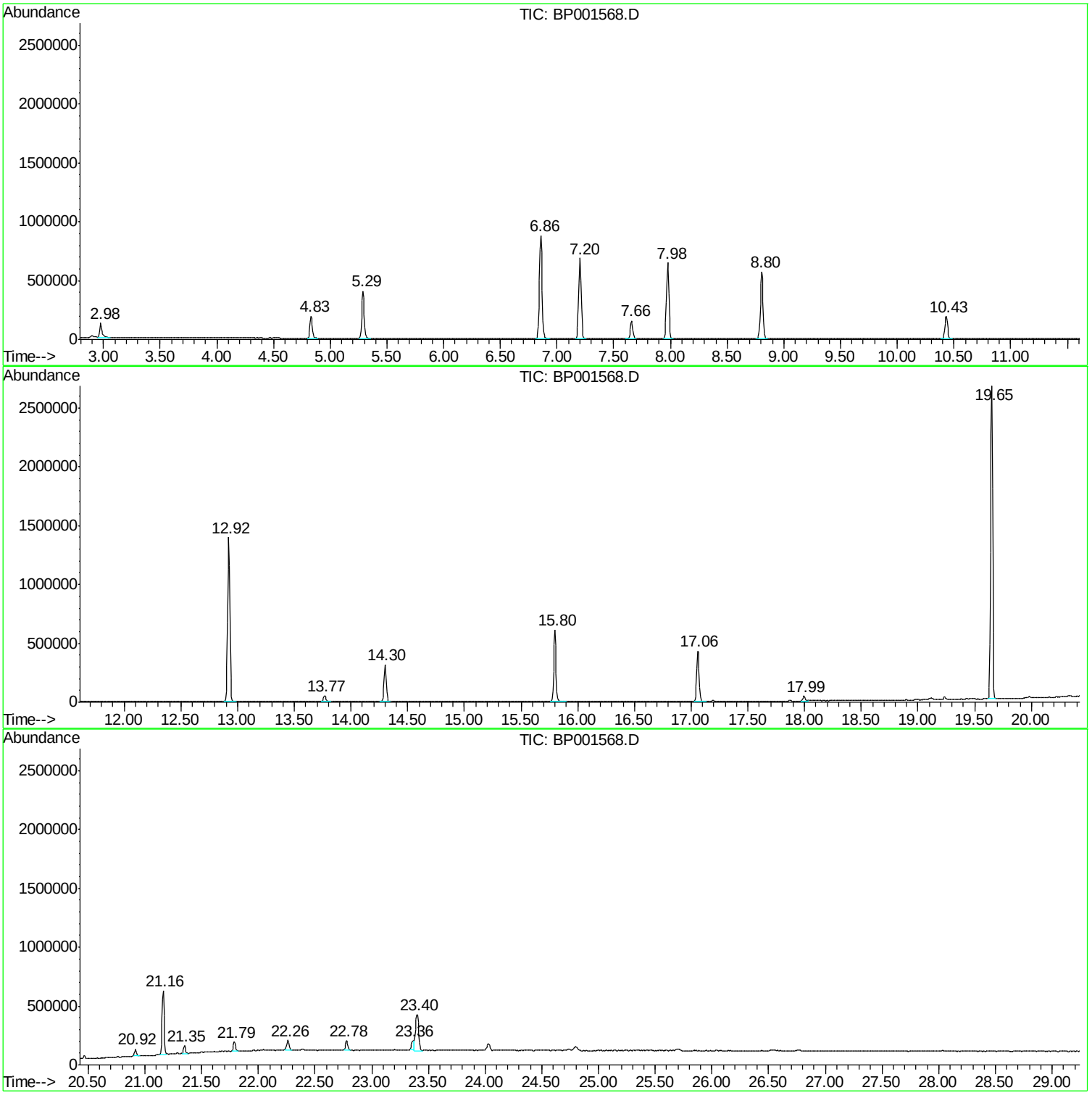
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001568.D
Acq On : 09 Jan 2020 00:14
Operator : JU
Sample : L1051-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4G-(18-20)

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\BP010820\
Data File : BP001568.D
Acq On : 09 Jan 2020 00:14
Operator : JU
Sample : L1051-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(18-20)

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

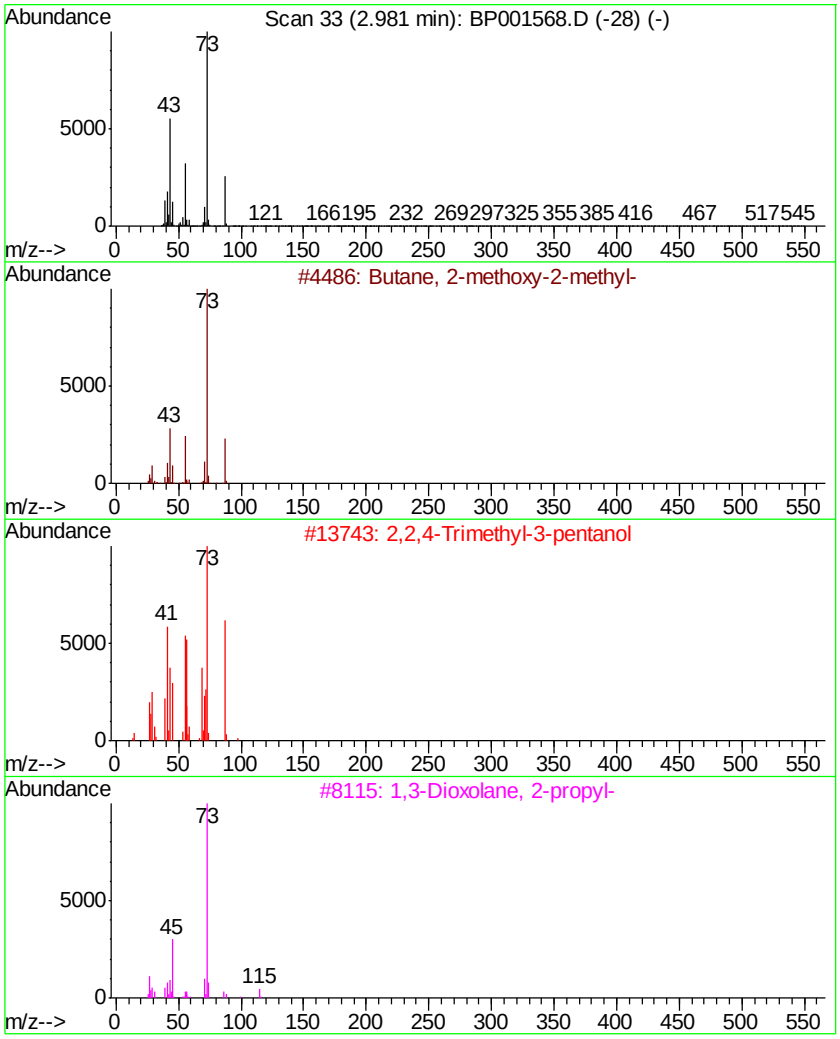
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

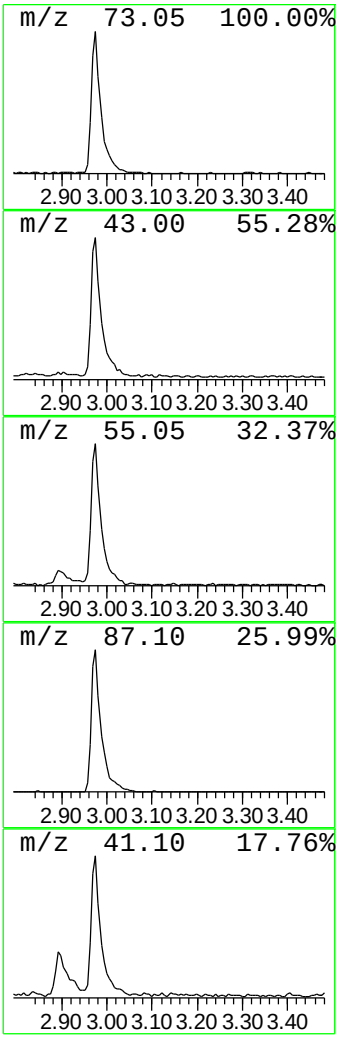
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	15.63 ng	185988	1,4-Dichlorobenzene-d4	7.66

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	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	37
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001568.D
Acq On : 09 Jan 2020 00:14
Operator : JU
Sample : L1051-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(18-20)

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

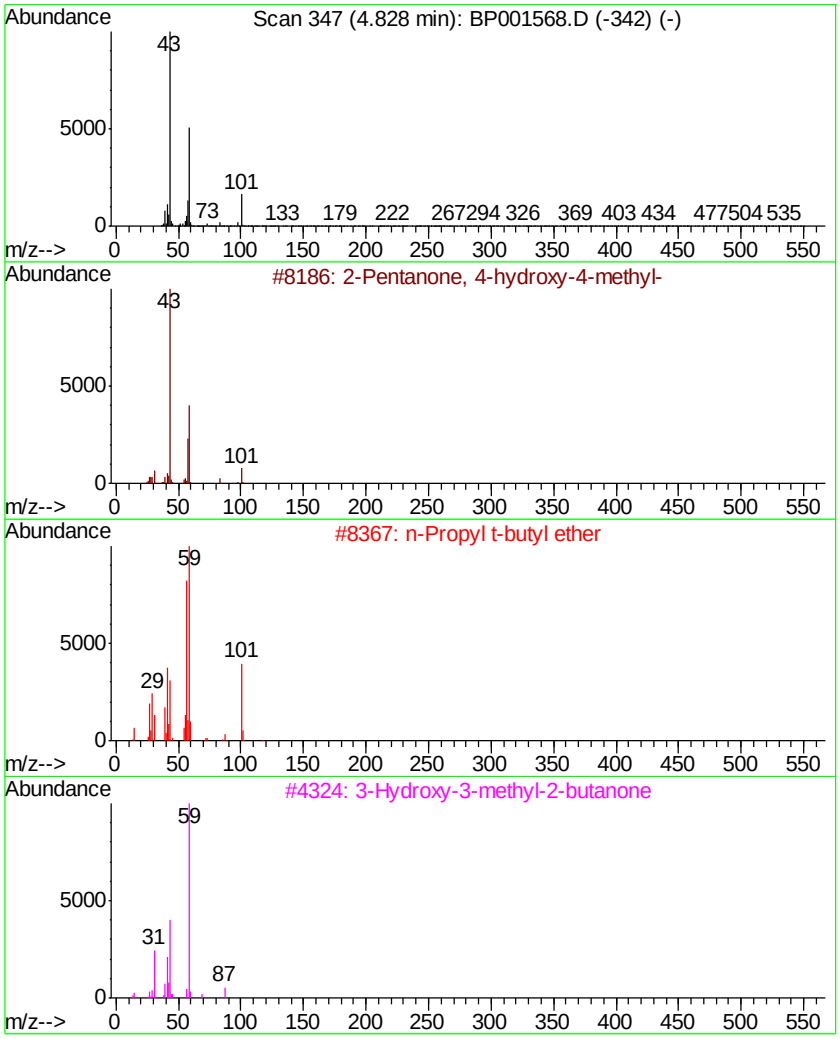
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

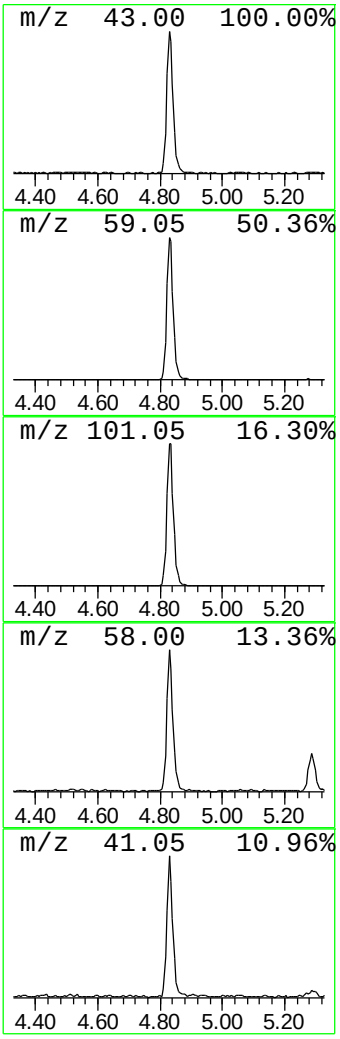
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	22.80 ng	271261	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	32
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001568.D
Acq On : 09 Jan 2020 00:14
Operator : JU
Sample : L1051-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(18-20)

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

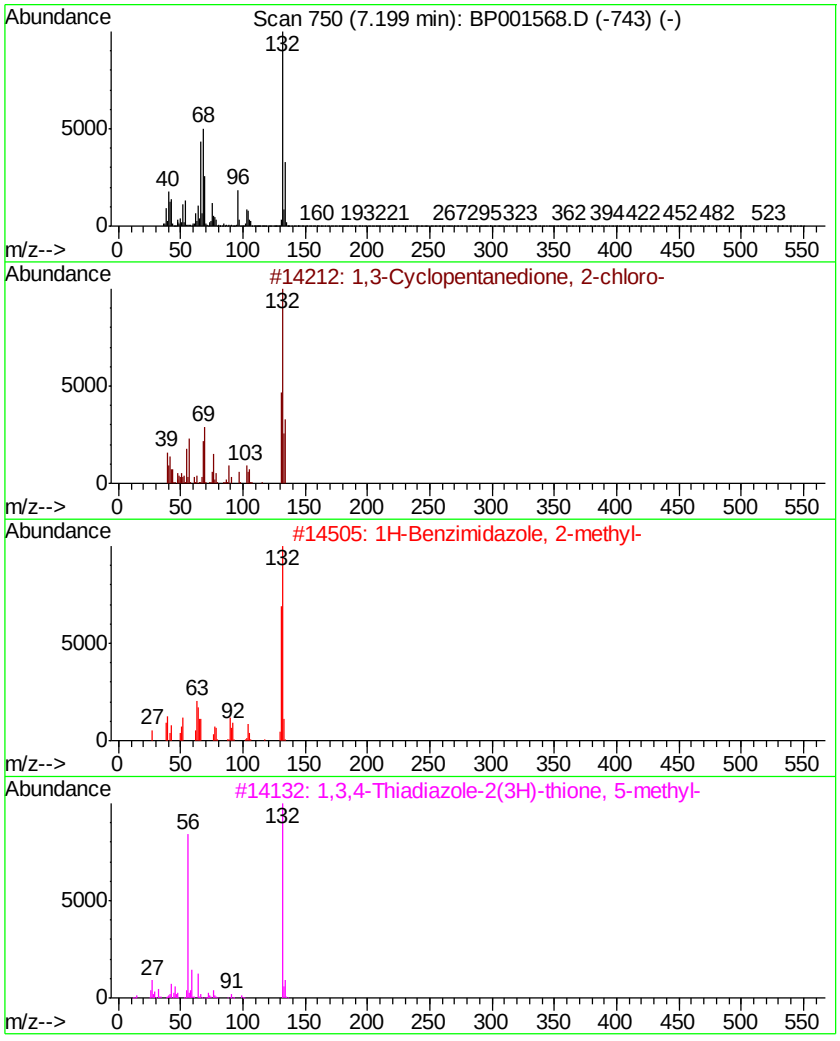
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

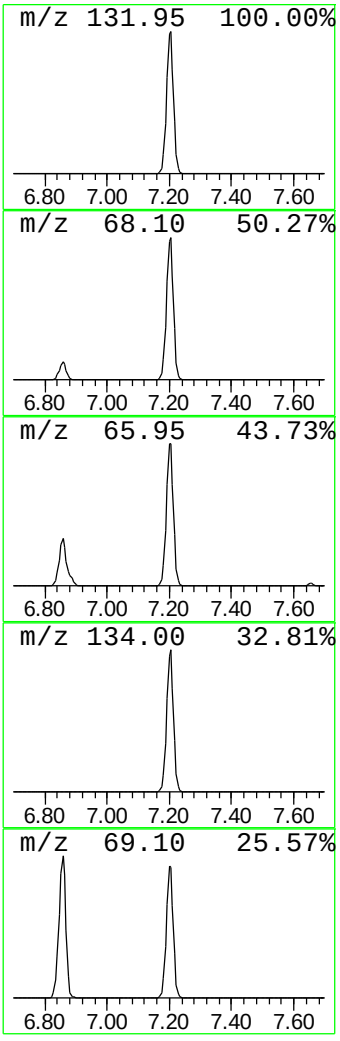
****

Peak Number 3 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	91.63 ng	1090130	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	18
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10
5	1H-Indenol	132	C9H8O	056631-57-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001568.D
Acq On : 09 Jan 2020 00:14
Operator : JU
Sample : L1051-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(18-20)

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

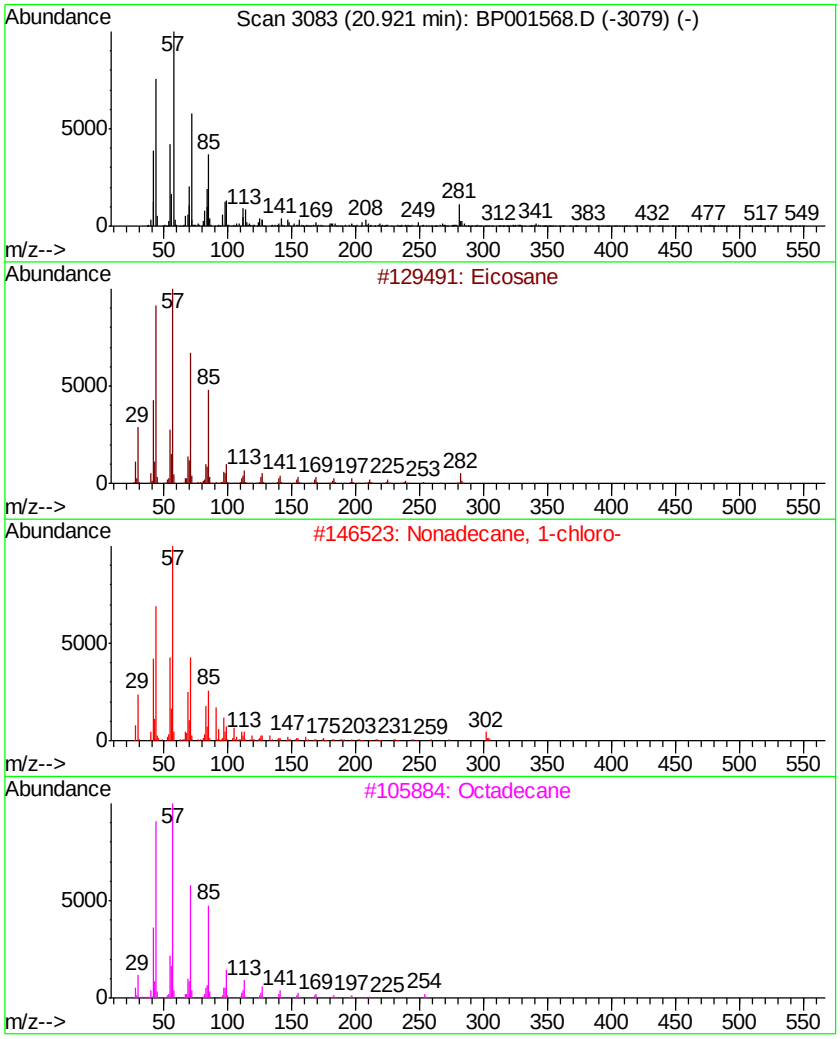
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

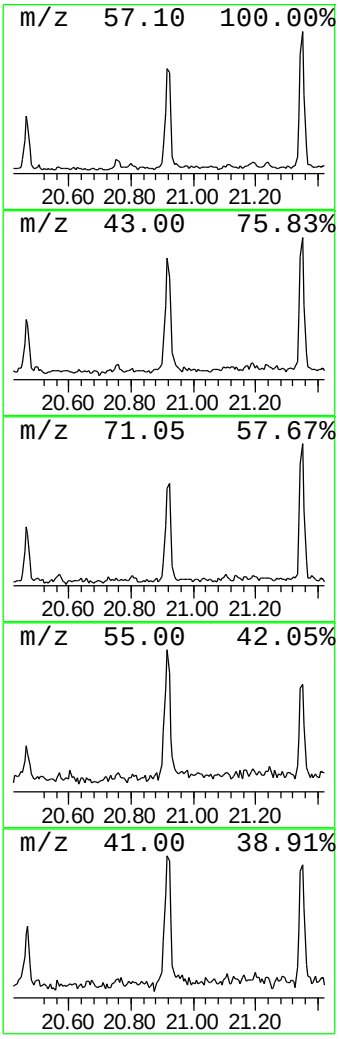
****

Peak Number 5 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.12 ng	70173	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	93
3	Octadecane	254	C18H38	000593-45-3	92
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001568.D
Acq On : 09 Jan 2020 00:14
Operator : JU
Sample : L1051-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(18-20)

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

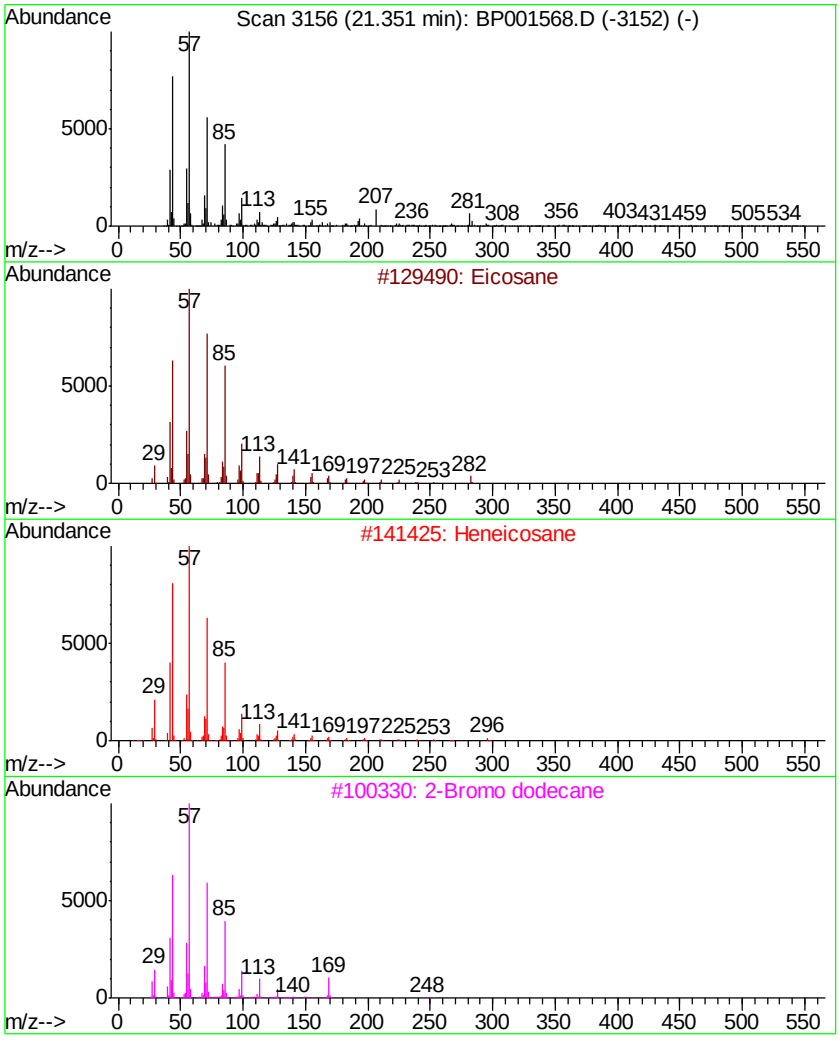
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

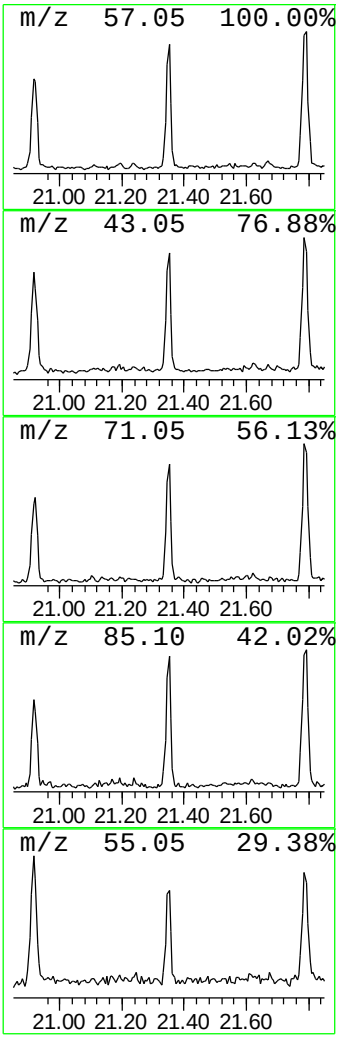
****

Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	2.22 ng	73329	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Octadecane	254	C18H38	000593-45-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001568.D
Acq On : 09 Jan 2020 00:14
Operator : JU
Sample : L1051-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(18-20)

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

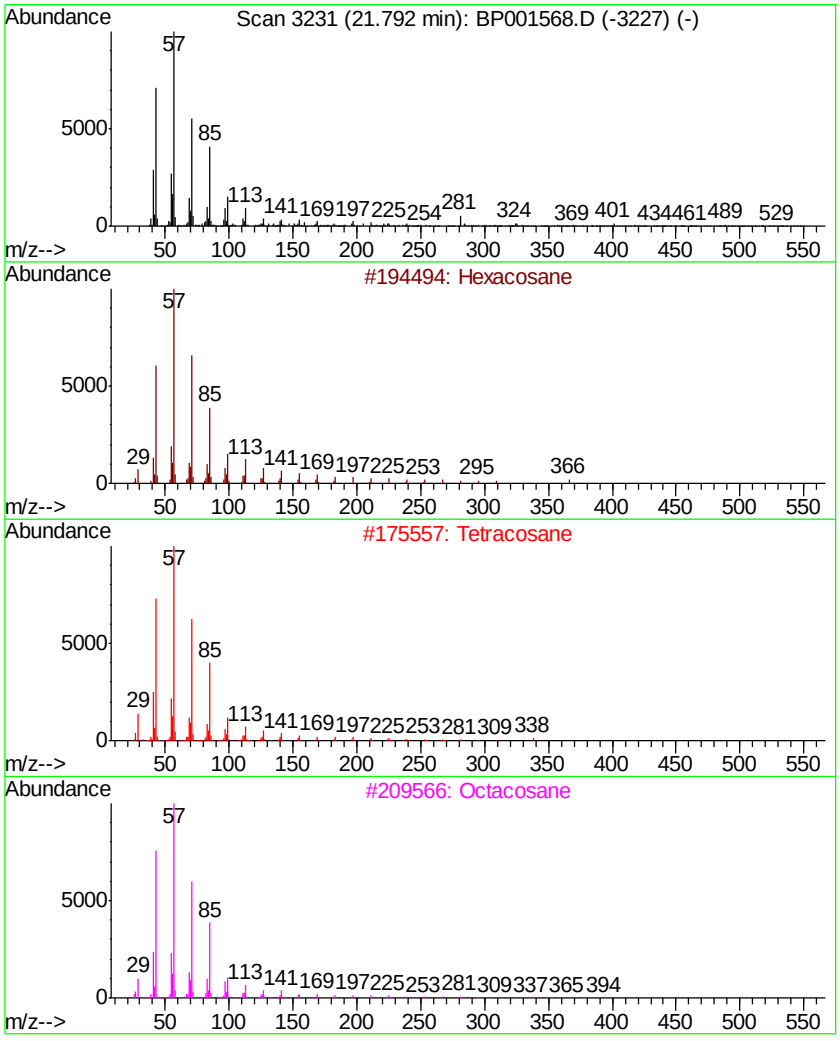
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

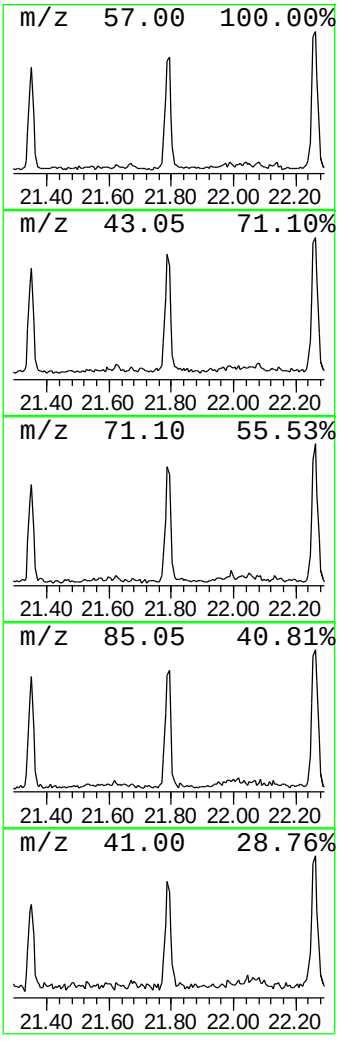
****

Peak Number 7 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.78 ng	92187	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tricosane	324	C23H48	000638-67-5	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001568.D
Acq On : 09 Jan 2020 00:14
Operator : JU
Sample : L1051-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(18-20)

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

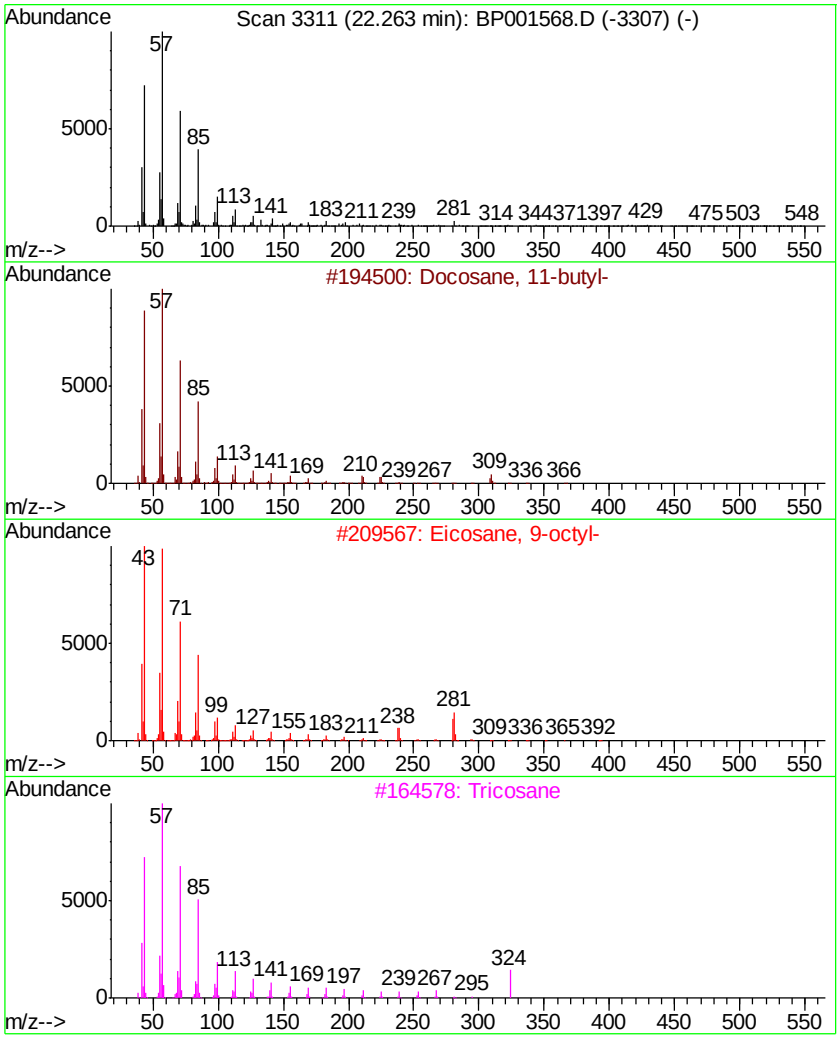
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

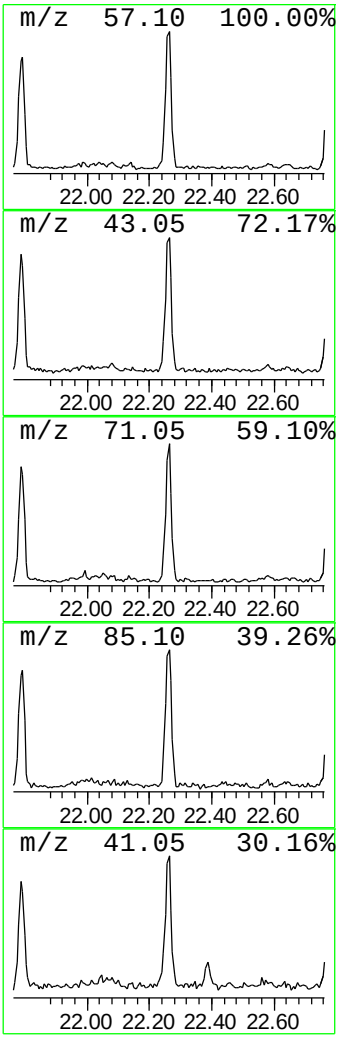
****

Peak Number 8 Docosane, 11-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	3.63 ng	120045	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
3	Tricosane	324	C23H48	000638-67-5	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Hexacosane	366	C26H54	000630-01-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001568.D
Acq On : 09 Jan 2020 00:14
Operator : JU
Sample : L1051-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(18-20)

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

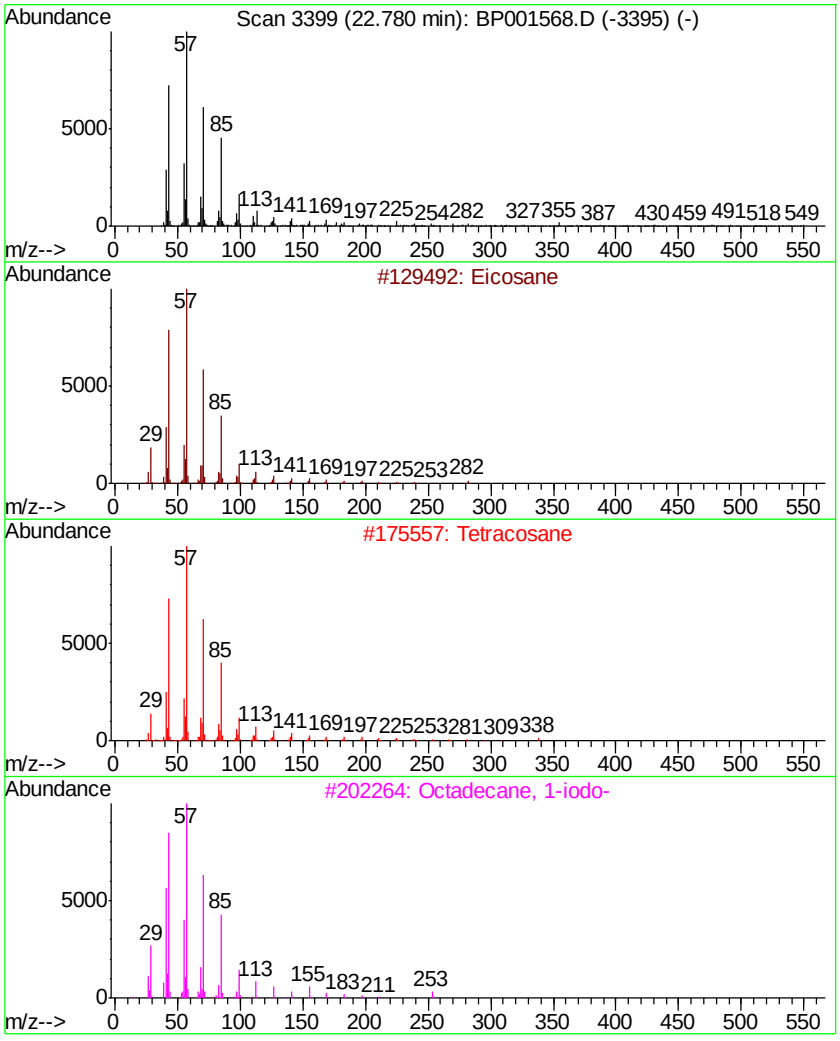
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

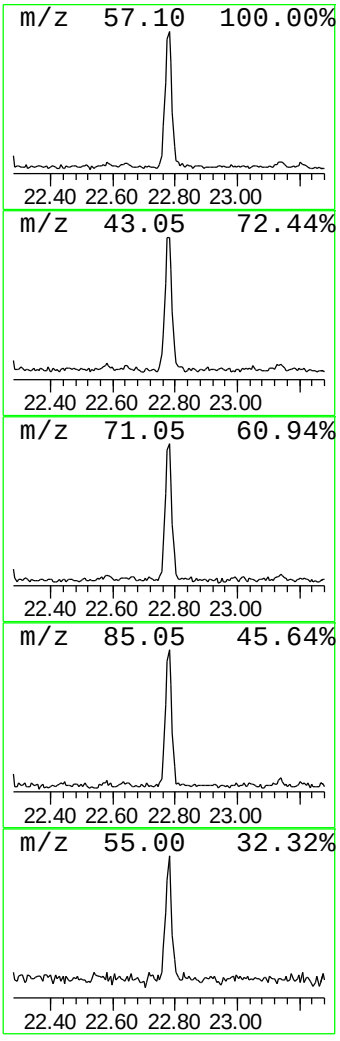
****

Peak Number 9 Octadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	3.92 ng	116116	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tetracosane	338	C24H50	000646-31-1	83
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010820\
Data File : BP001568.D
Acq On : 09 Jan 2020 00:14
Operator : JU
Sample : L1051-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4G-(18-20)

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
Butane, 2-methoxy...	2.98	15.6	ng	185988	1	7.66	237939	20.0
2-Pentanone, 4-hy...	4.83	22.8	ng	271261	1	7.66	237939	20.0
unknown7.20	7.20	91.6	ng	1090130	1	7.66	237939	20.0
Eicosane	20.92	2.1	ng	70173	5	21.16	662100	20.0
Heneicosane	21.35	2.2	ng	73329	5	21.16	662100	20.0
Hexacosane	21.79	2.8	ng	92187	5	21.16	662100	20.0
Docosane, 11-butyl-	22.26	3.6	ng	120045	5	21.16	662100	20.0
Octadecane, 1-iodo-	22.78	3.9	ng	116116	6	23.40	592690	20.0