LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001573.D
Acq On : 09 Jan 2020 03:01
Operator : JU
Sample : L1051-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3I-(8.5-10.5)

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	2.899	14	19	28	rBV	152879	292121	11.08%	1.947%
2	2.975	28	32	46	rVB	133001	211007	8.00%	1.406%
3	4.828	342	347	358	rVB	157777	226461	8.59%	1.509%
4	5.287	419	425	436	rBV	643797	943983	35.81%	6.291%
5	6.858	683	692	703	rBV	790259	1255238	47.61%	8.365%
6	7.199	742	750	760	rBV	713791	1140472	43.26%	7.601%
7	7.658	821	828	835	rBV	150269	229079	8.69%	1.527%
8	7.975	875	882	889	rVB	540153	844357	32.03%	5.627%
9	8.805	1014	1023	1030	rBV	494046	794716	30.14%	5.296%
10	10.434	1291	1300	1306	rBV	187743	311478	11.81%	2.076%
11	12.922	1715	1723	1730	rBV	1121426	1636954	62.09%	10.909%
12	13.769	1862	1867	1875	rVB	45652	62731	2.38%	0.418%
13	14.298	1950	1957	1964	rBV2	302485	450257	17.08%	3.001%
14	15.798	2205	2212	2232	rBV	1019738	1427460	54.14%	9.513%
15	17.057	2420	2426	2432	rBV	418501	595885	22.60%	3.971%
16	17.992	2581	2585	2591	rBV2	41454	56248	2.13%	0.375%
17	19.081	2766	2770	2774	rBV2	15954	27711	1.05%	0.185%
18	19.116	2774	2776	2785	rVB6	16851	29641	1.12%	0.198%
19	19.239	2793	2797	2806	rBV6	19704	30676	1.16%	0.204%
20	19.651	2861	2867	2872	rBV	2176625	2636455	100.00%	17.570%
21	19.980	2920	2923	2927	rVB	30788	30477	1.16%	0.203%
22	20.463	3002	3005	3009	rVB	45037	48682	1.85%	0.324%
23	20.916	3078	3082	3087	rBV	89731	99801	3.79%	0.665%
24	21.163	3119	3124	3129	rBV	556382	669898	25.41%	4.464%
25	21.351	3152	3156	3159	rVB	78240	88620	3.36%	0.591%
26	21.786	3227	3230	3239	rVB	73944	93435	3.54%	0.623%
27	22.263	3307	3311	3315	rVB2	71061	91237	3.46%	0.608%
28	22.780	3396	3399	3405	rVB	58863	83804	3.18%	0.559%
29	23.404	3500	3505	3512	rVB	304817	596151	22.61%	3.973%

Sum of corrected areas: 15005035

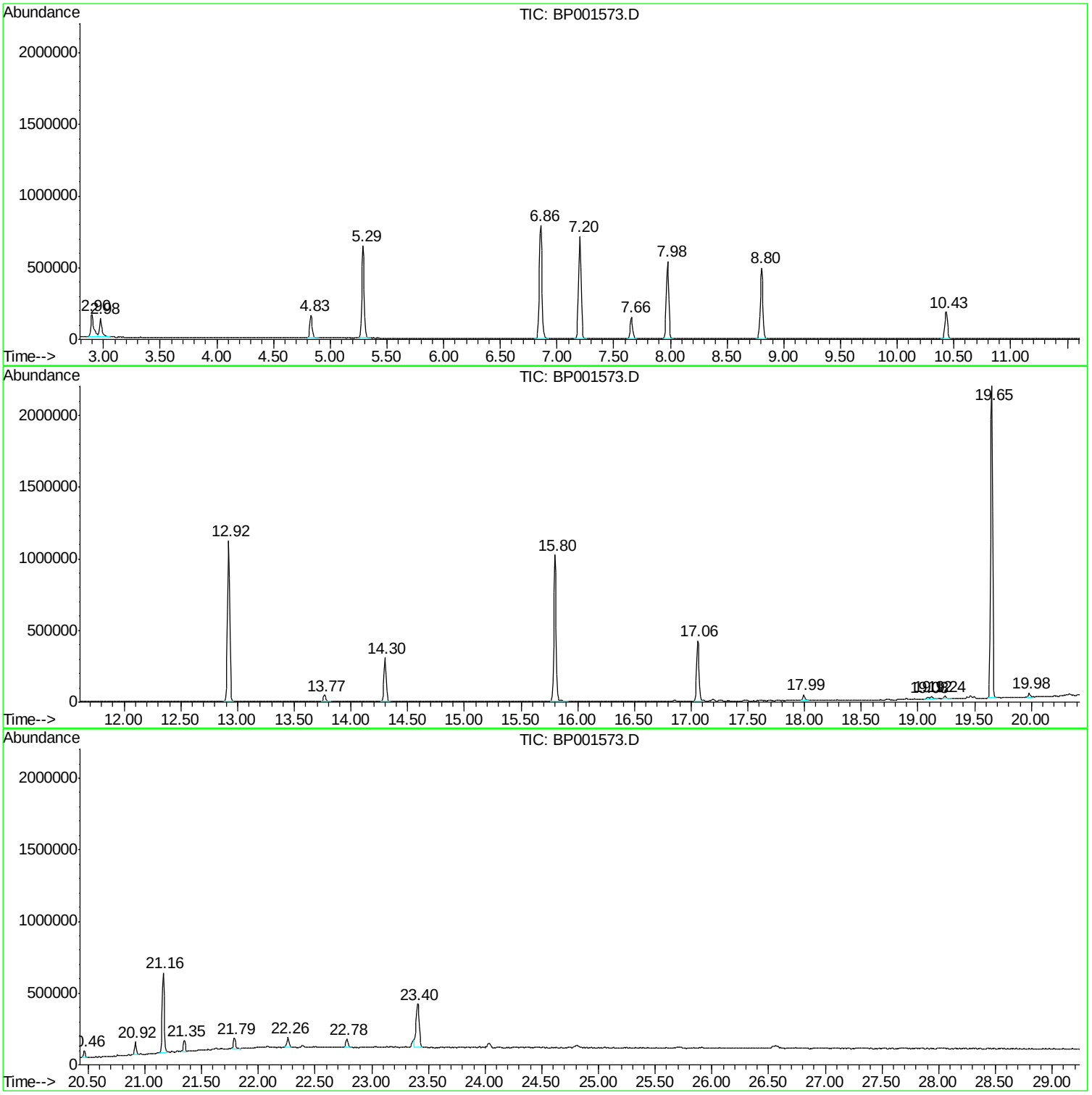
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001573.D
Acq On : 09 Jan 2020 03:01
Operator : JU
Sample : L1051-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3I-(8.5-10.5)

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001573.D
Acq On : 09 Jan 2020 03:01
Operator : JU
Sample : L1051-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3I-(8.5-10.5)

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

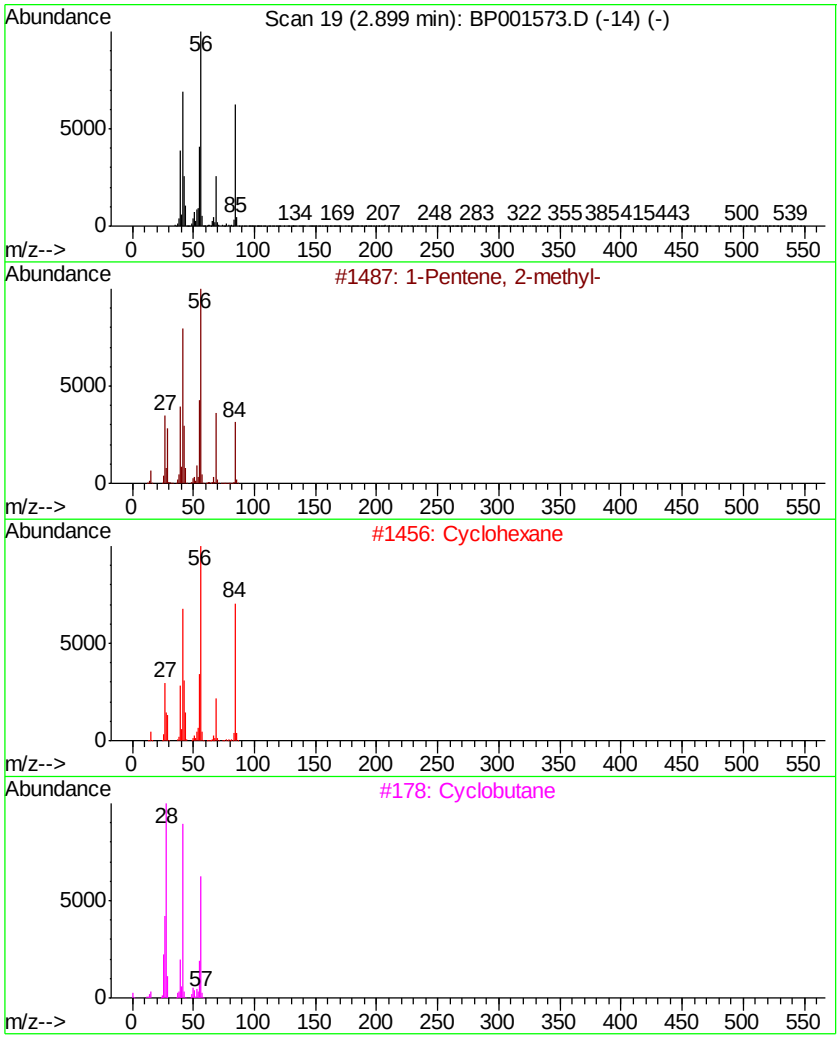
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

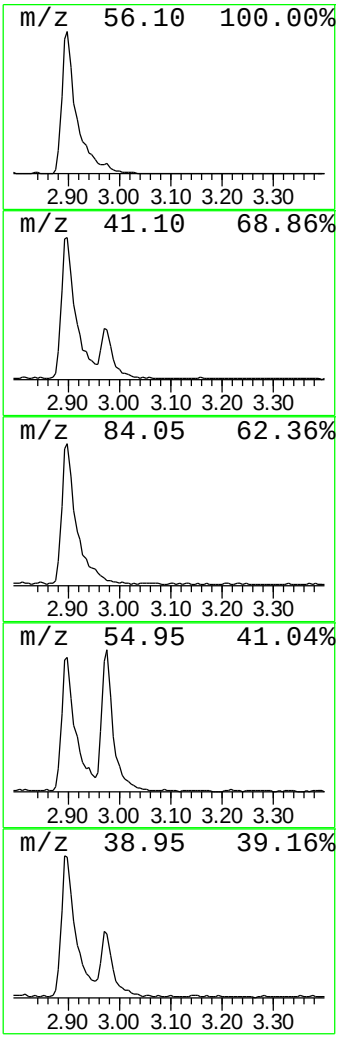
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	25.50 ng	292121	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
2	Cyclohexane	84	C6H12	000110-82-7	81
3	Cyclobutane	56	C4H8	000287-23-0	50
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	43
5	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001573.D
Acq On : 09 Jan 2020 03:01
Operator : JU
Sample : L1051-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3I-(8.5-10.5)

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

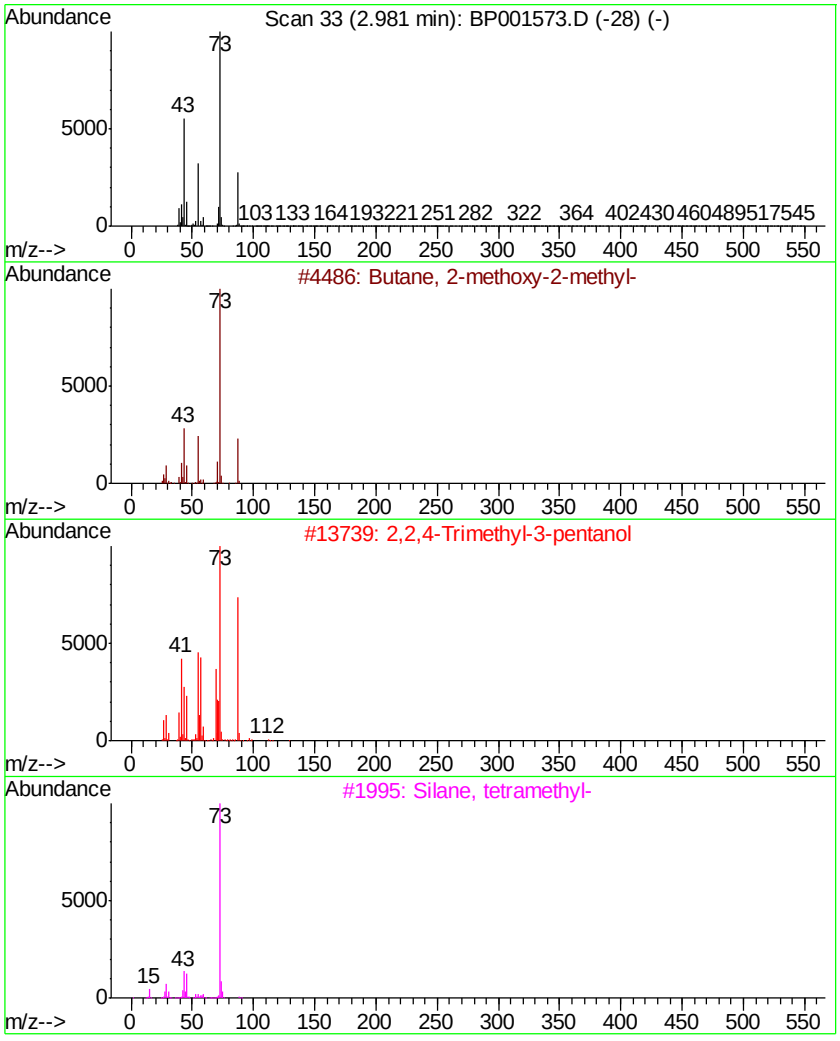
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

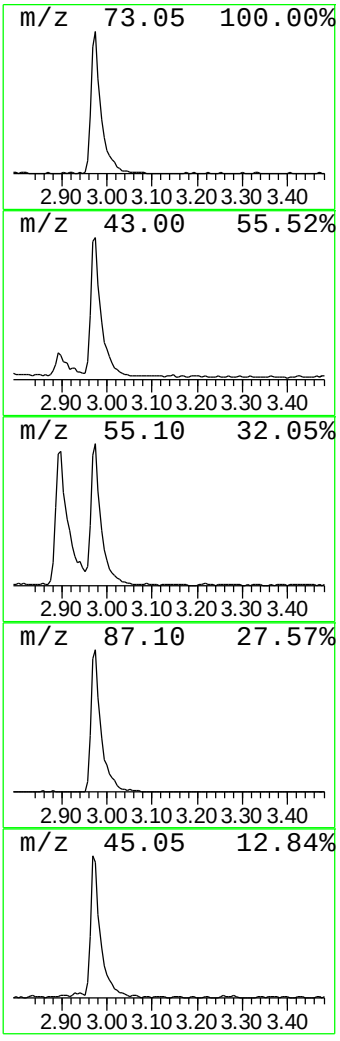
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	18.42 ng	211007	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001573.D
Acq On : 09 Jan 2020 03:01
Operator : JU
Sample : L1051-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3I-(8.5-10.5)

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

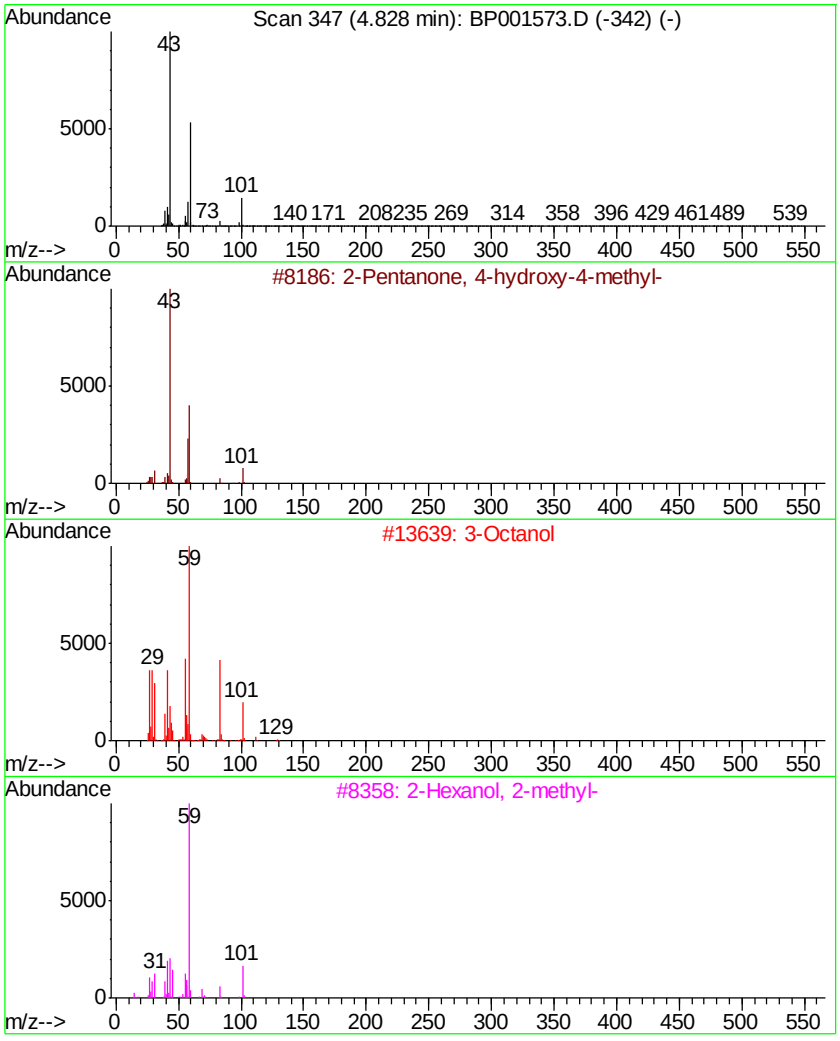
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

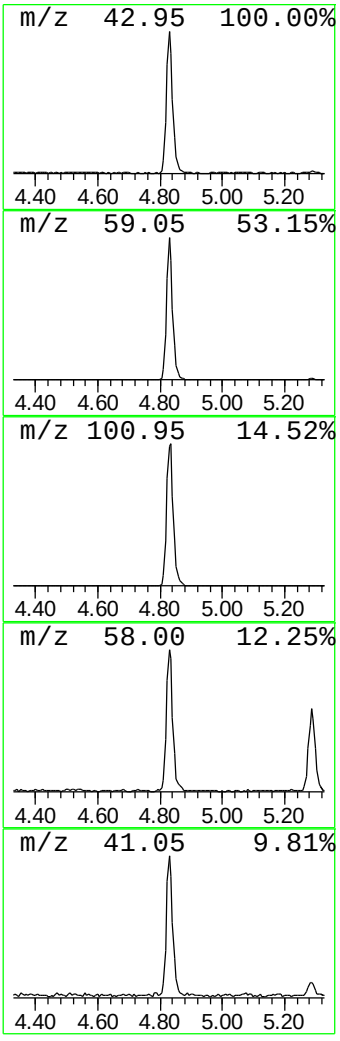
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	19.77 ng	226461	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	50
2	3-Octanol	130	C8H18O	000589-98-0	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001573.D
Acq On : 09 Jan 2020 03:01
Operator : JU
Sample : L1051-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3I-(8.5-10.5)

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

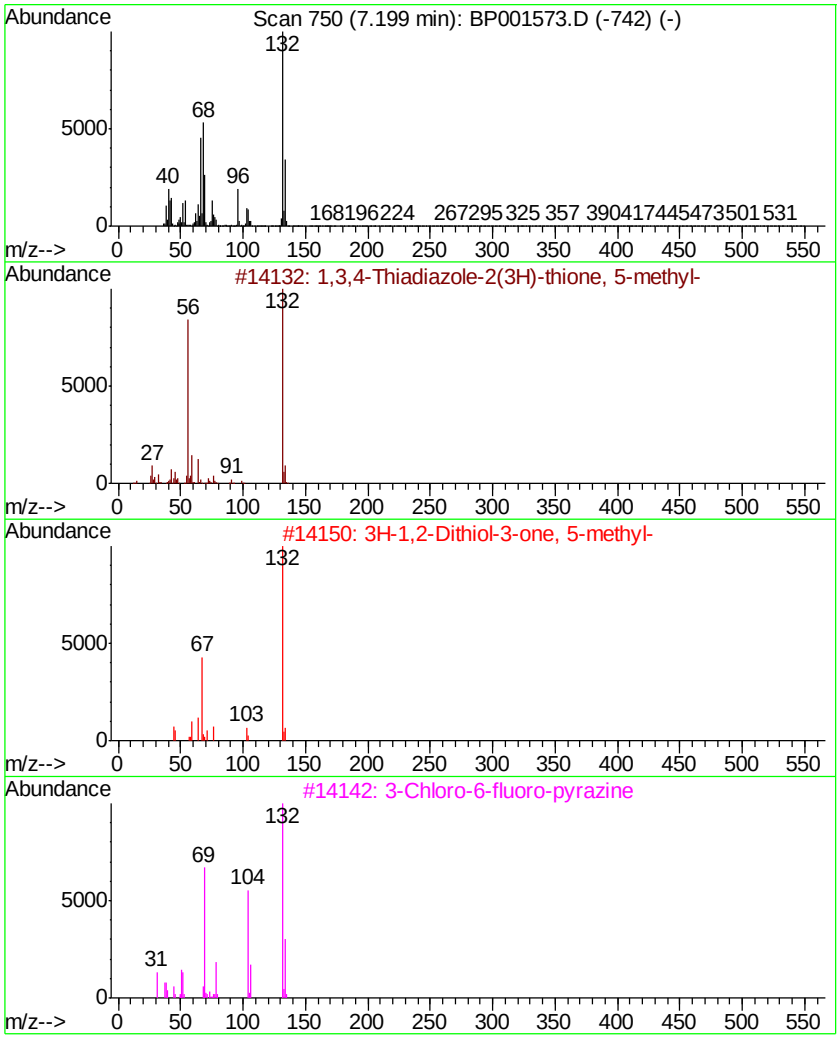
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

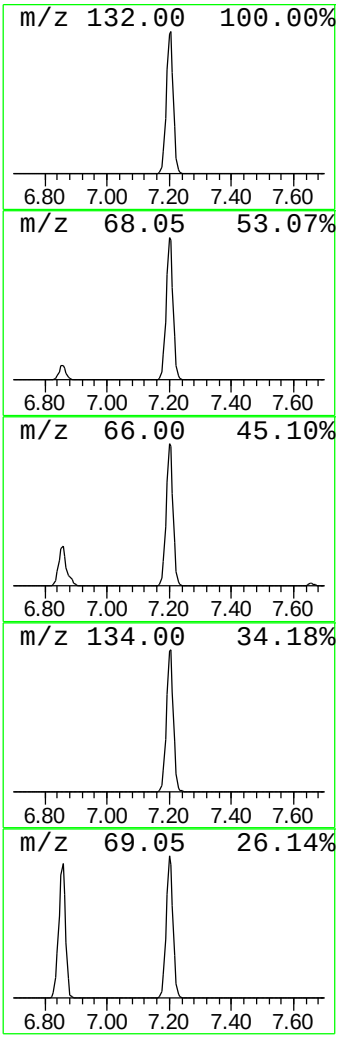
****

Peak Number 4 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	99.57 ng	1140470	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	11
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
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Acq On : 09 Jan 2020 03:01
Operator : JU
Sample : L1051-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3I-(8.5-10.5)

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

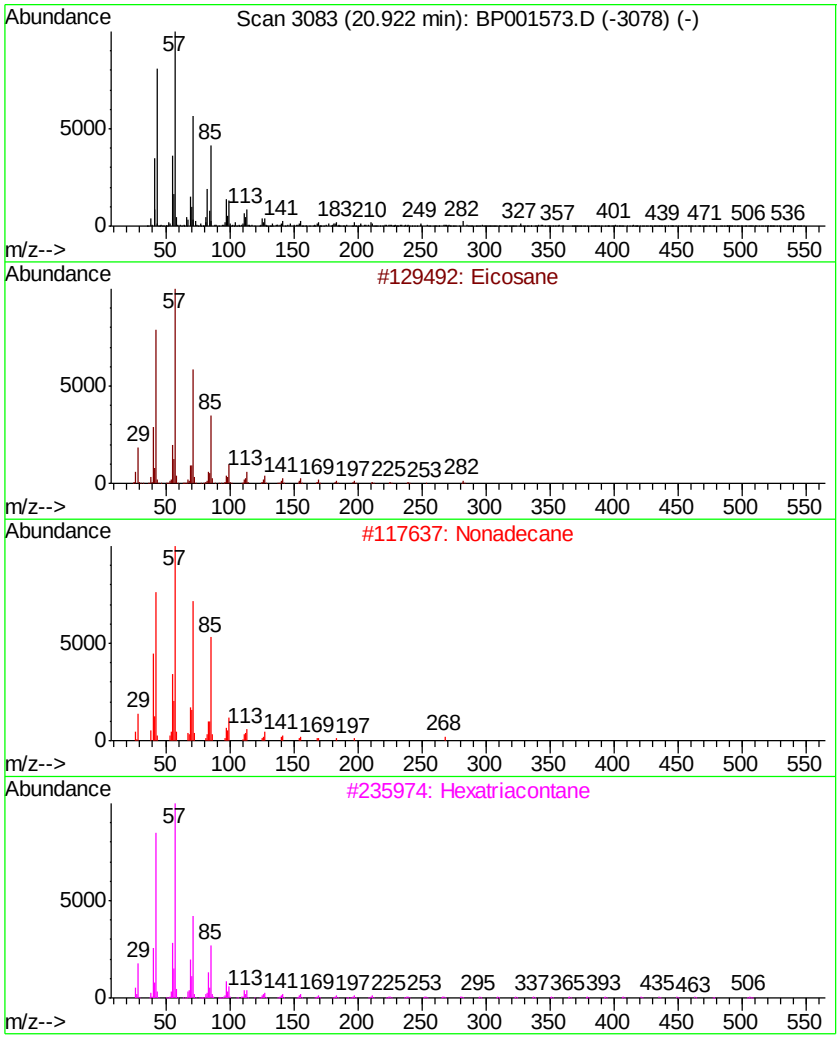
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

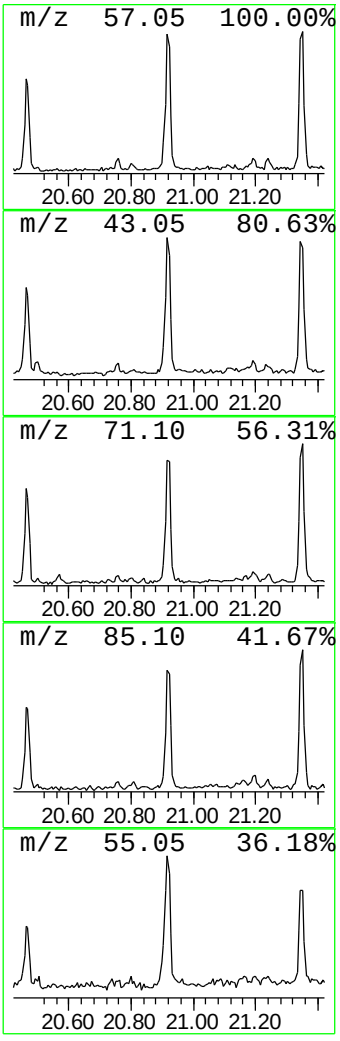
****

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.98 ng	99801	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Nonadecane	268	C19H40	000629-92-5	94
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Pentadecane	212	C15H32	000629-62-9	83
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001573.D
Acq On : 09 Jan 2020 03:01
Operator : JU
Sample : L1051-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3I-(8.5-10.5)

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

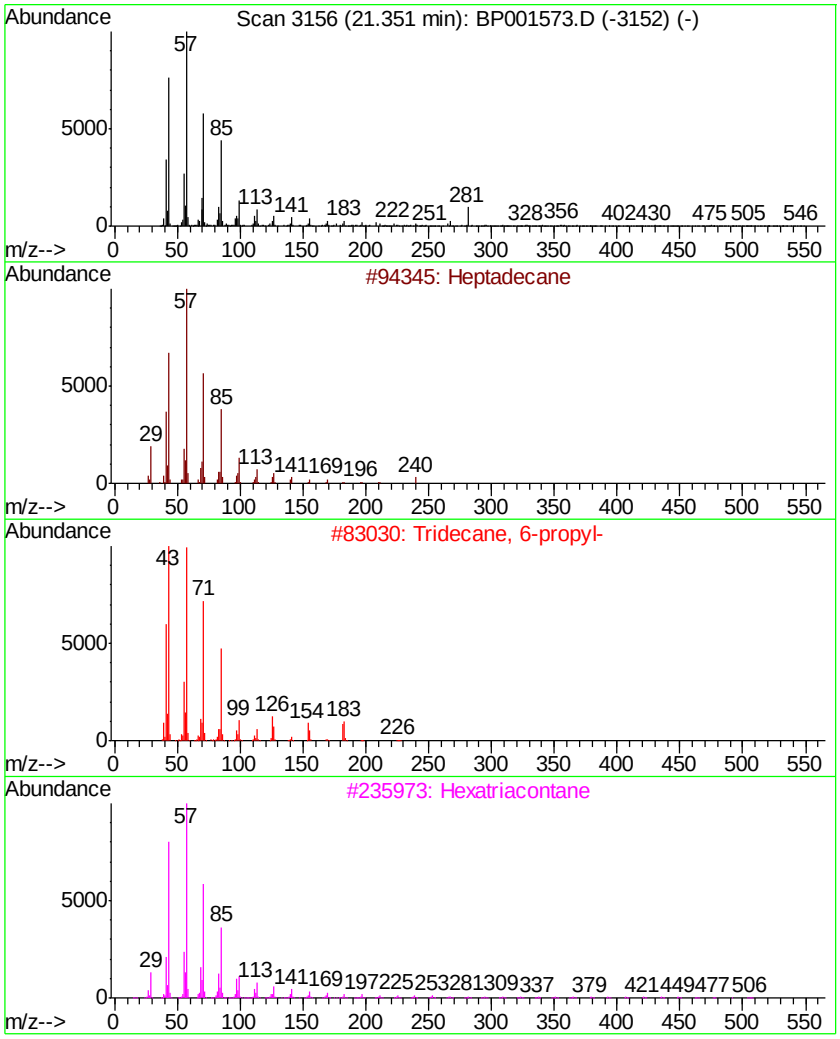
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

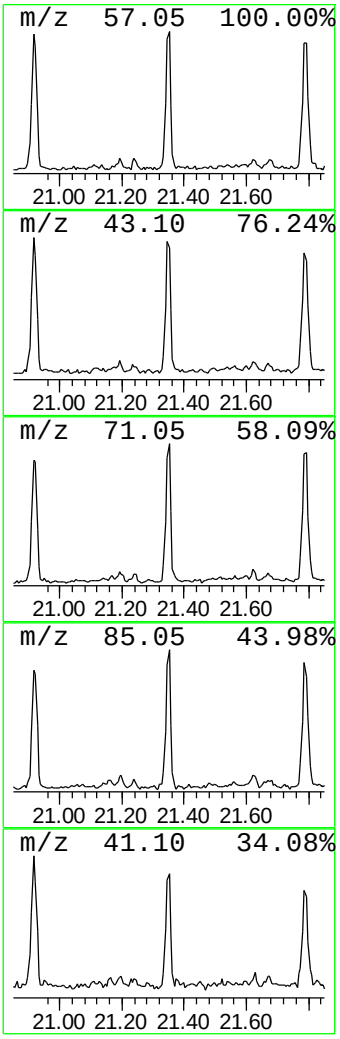
****

Peak Number 7 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	2.65 ng	88620	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Hexatriacontane	507	C36H74	000630-06-8	83
4	Tetracosane	338	C24H50	000646-31-1	81
5	Docosane	310	C22H46	000629-97-0	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001573.D
Acq On : 09 Jan 2020 03:01
Operator : JU
Sample : L1051-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3I-(8.5-10.5)

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

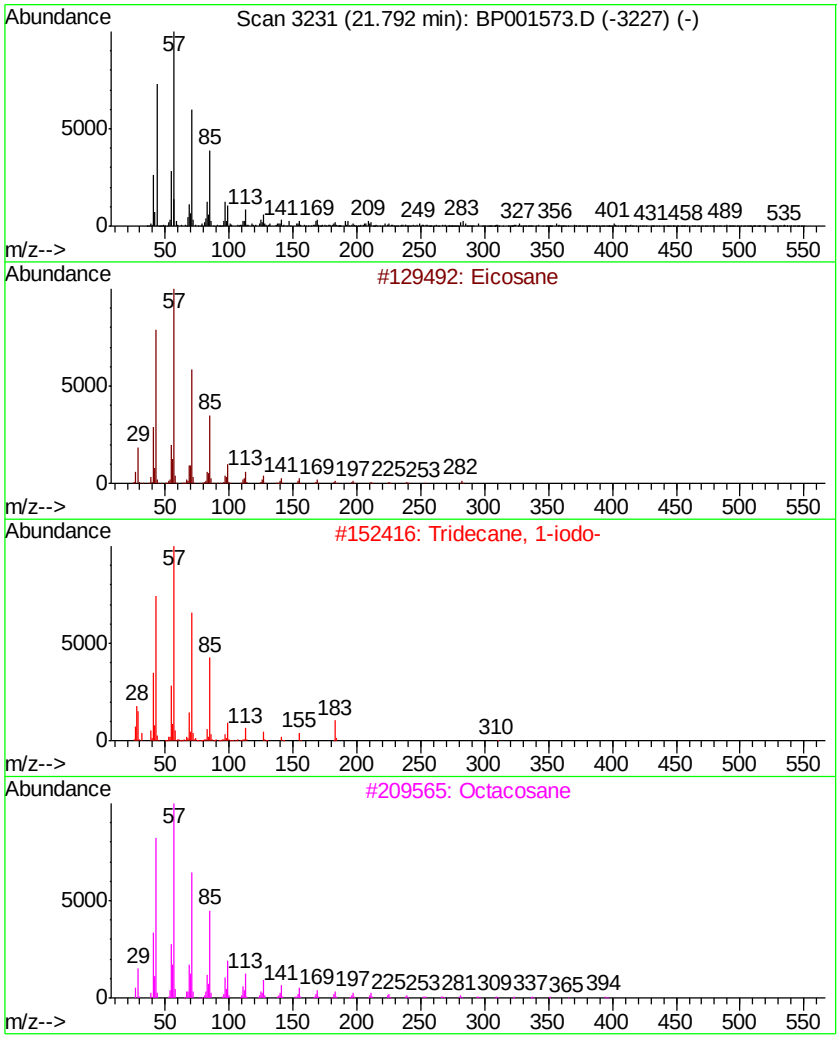
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

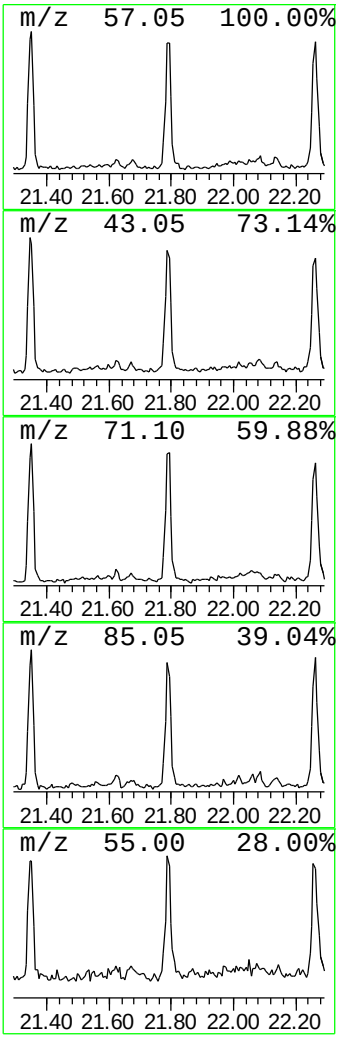
****

Peak Number 8 Tridecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.79 ng	93435	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	Octacosane	394	C28H58	000630-02-4	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001573.D
Acq On : 09 Jan 2020 03:01
Operator : JU
Sample : L1051-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3I-(8.5-10.5)

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

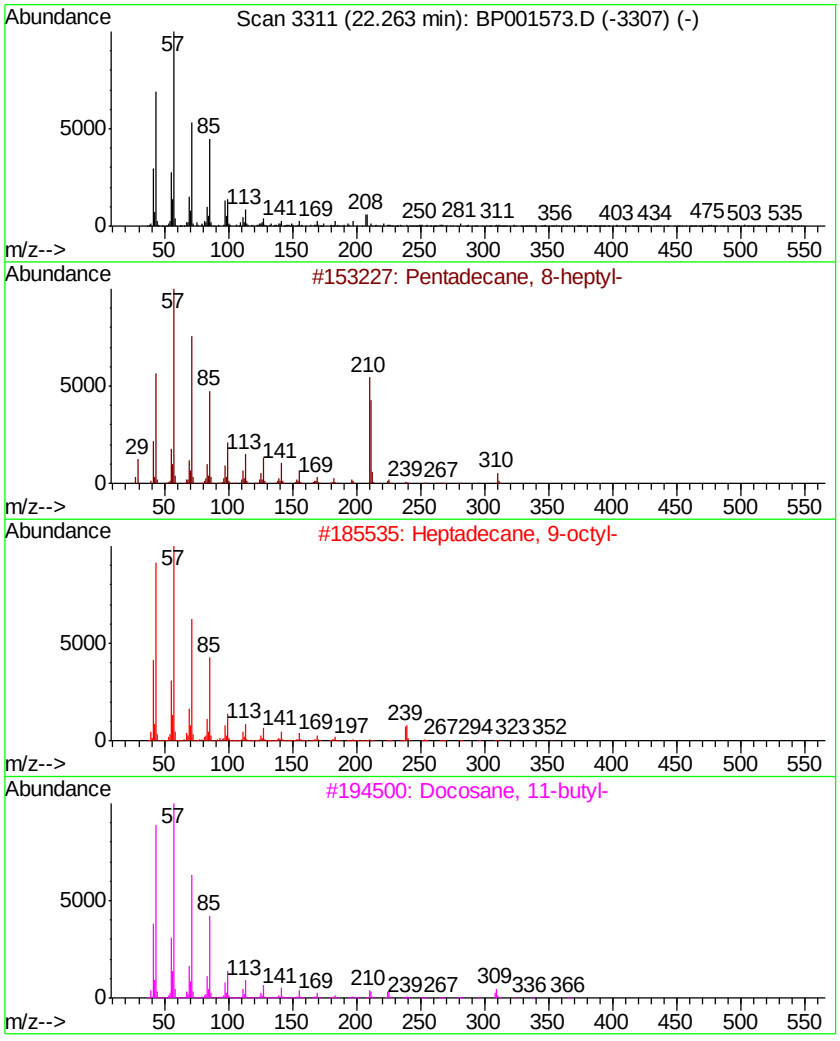
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

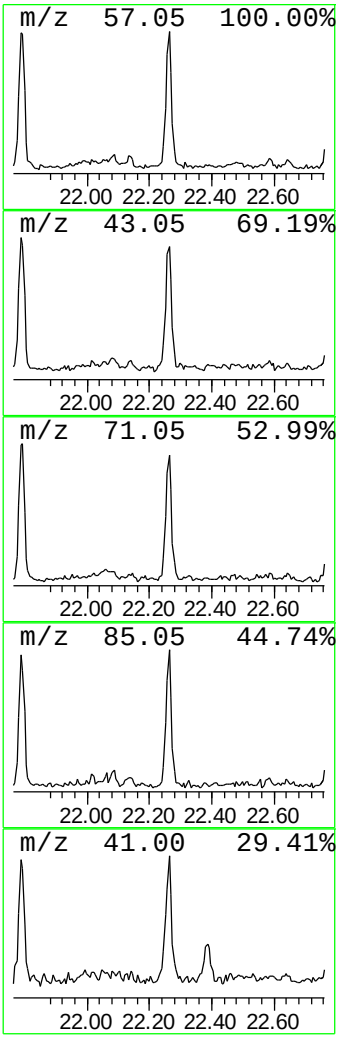
****

Peak Number 9 Pentadecane, 8-heptyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.72 ng	91237	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4	Octacosane	394	C28H58	000630-02-4	83
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001573.D
Acq On : 09 Jan 2020 03:01
Operator : JU
Sample : L1051-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3I-(8.5-10.5)

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

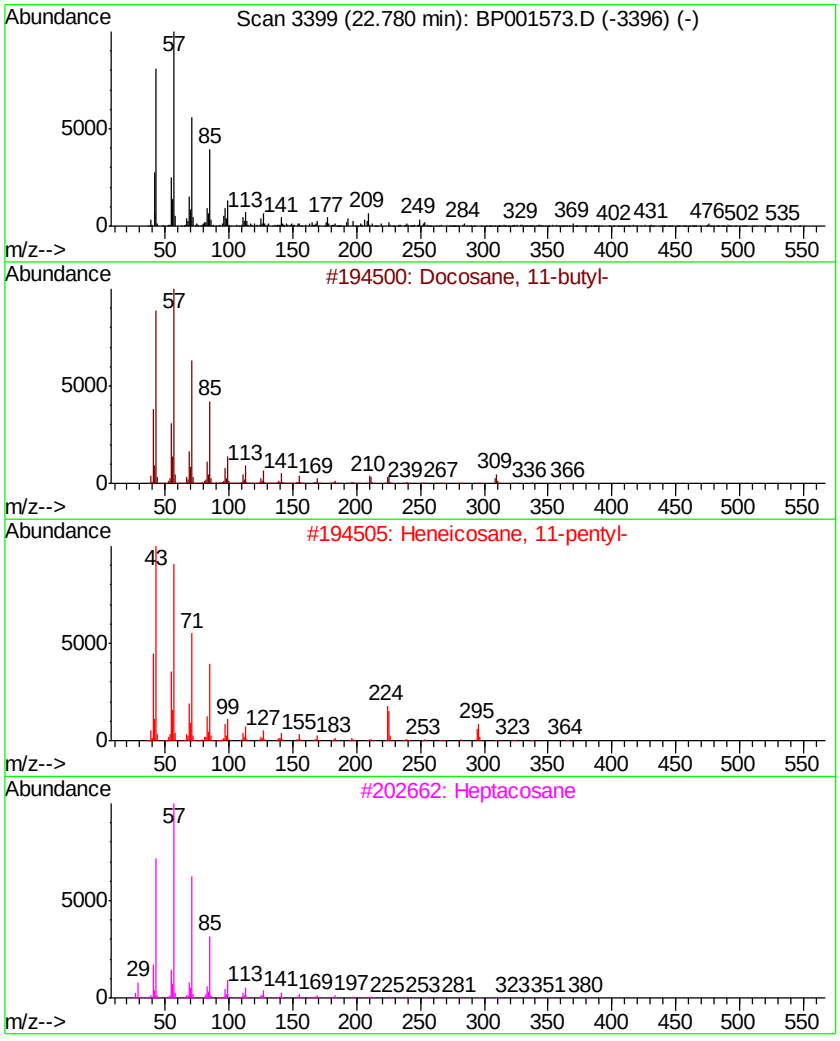
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

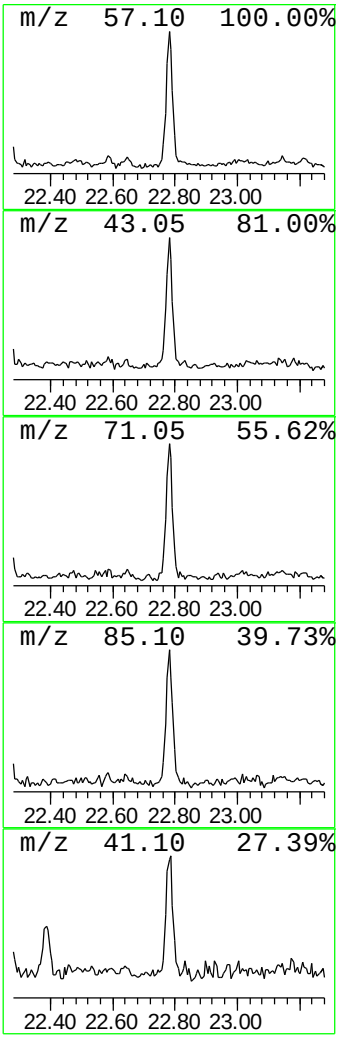
****

Peak Number 10 Docosane, 11-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	2.81 ng	83804	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	89
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010820\
Data File : BP001573.D
Acq On : 09 Jan 2020 03:01
Operator : JU
Sample : L1051-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-3I-(8.5-10.5)

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
1-Pentene, 2-methyl-	2.90	25.5	ng	292121	1	7.66	229079	20.0
Butane, 2-methoxy...	2.98	18.4	ng	211007	1	7.66	229079	20.0
2-Pentanone, 4-hy...	4.83	19.8	ng	226461	1	7.66	229079	20.0
unknown7.20	7.20	99.6	ng	1140470	1	7.66	229079	20.0
Eicosane	20.92	3.0	ng	99801	5	21.16	669898	20.0
Heptadecane	21.35	2.6	ng	88620	5	21.16	669898	20.0
Tridecane, 1-iodo-	21.79	2.8	ng	93435	5	21.16	669898	20.0
Pentadecane, 8-he...	22.26	2.7	ng	91237	5	21.16	669898	20.0
Docosane, 11-butyl-	22.78	2.8	ng	83804	6	23.40	596151	20.0