LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-26-(4-6)

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	2.863	9	13	22	rBV2	27103	52276	2.51%	0.363%
2	2.946	23	27	42	rVB	216265	294208	14.11%	2.046%
3	4.793	337	341	352	rVB	158634	222399	10.67%	1.546%
4	5.257	414	420	435	rVB	689060	1004390	48.18%	6.984%
5	6.828	680	687	699	rBV	731688	1172333	56.24%	8.151%
6	7.169	738	745	762	rBV	687200	1134609	54.43%	7.889%
7	7.628	816	823	832	rVB	200179	308026	14.78%	2.142%
8	7.946	870	877	888	rVB	542151	870402	41.75%	6.052%
9	8.775	1011	1018	1030	rBV	449058	739350	35.47%	5.141%
10	10.404	1286	1295	1309	rBV	218985	378909	18.18%	2.635%
11	12.892	1711	1718	1733	rBV	1006109	1458300	69.96%	10.140%
12	13.739	1857	1862	1874	rBV	44475	70736	3.39%	0.492%
13	14.275	1947	1953	1967	rBV2	324441	492777	23.64%	3.426%
14	15.775	2202	2208	2222	rBV	817088	1188637	57.02%	8.265%
15	17.039	2417	2423	2435	rBV	395736	590071	28.31%	4.103%
16	17.169	2441	2445	2452	rVB6	13976	21076	1.01%	0.147%
17	17.969	2576	2581	2591	rBV	42809	73266	3.51%	0.509%
18	19.063	2763	2767	2773	rBV2	17091	22605	1.08%	0.157%
19	19.627	2857	2863	2874	rBV	1734878	2084552	100.00%	14.494%
20	20.886	3073	3077	3083	rBV2	180425	284799	13.66%	1.980%
21	21.139	3115	3120	3130	rBV	450974	600593	28.81%	4.176%
22	21.321	3147	3151	3157	rBV	43372	48948	2.35%	0.340%
23	21.757	3221	3225	3233	rBV	70368	115594	5.55%	0.804%
24	22.221	3301	3304	3309	rVB	80808	107396	5.15%	0.747%
25	22.739	3387	3392	3397	rVB	99220	143589	6.89%	0.998%
26	23.315	3485	3490	3493	rBV	84369	134818	6.47%	0.937%
27	23.368	3493	3499	3510	rVB	278152	530512	25.45%	3.689%
28	23.968	3596	3601	3610	rVB2	79687	154808	7.43%	1.076%
29	24.727	3726	3730	3737	rVB3	42776	82066	3.94%	0.571%

Sum of corrected areas: 14382045

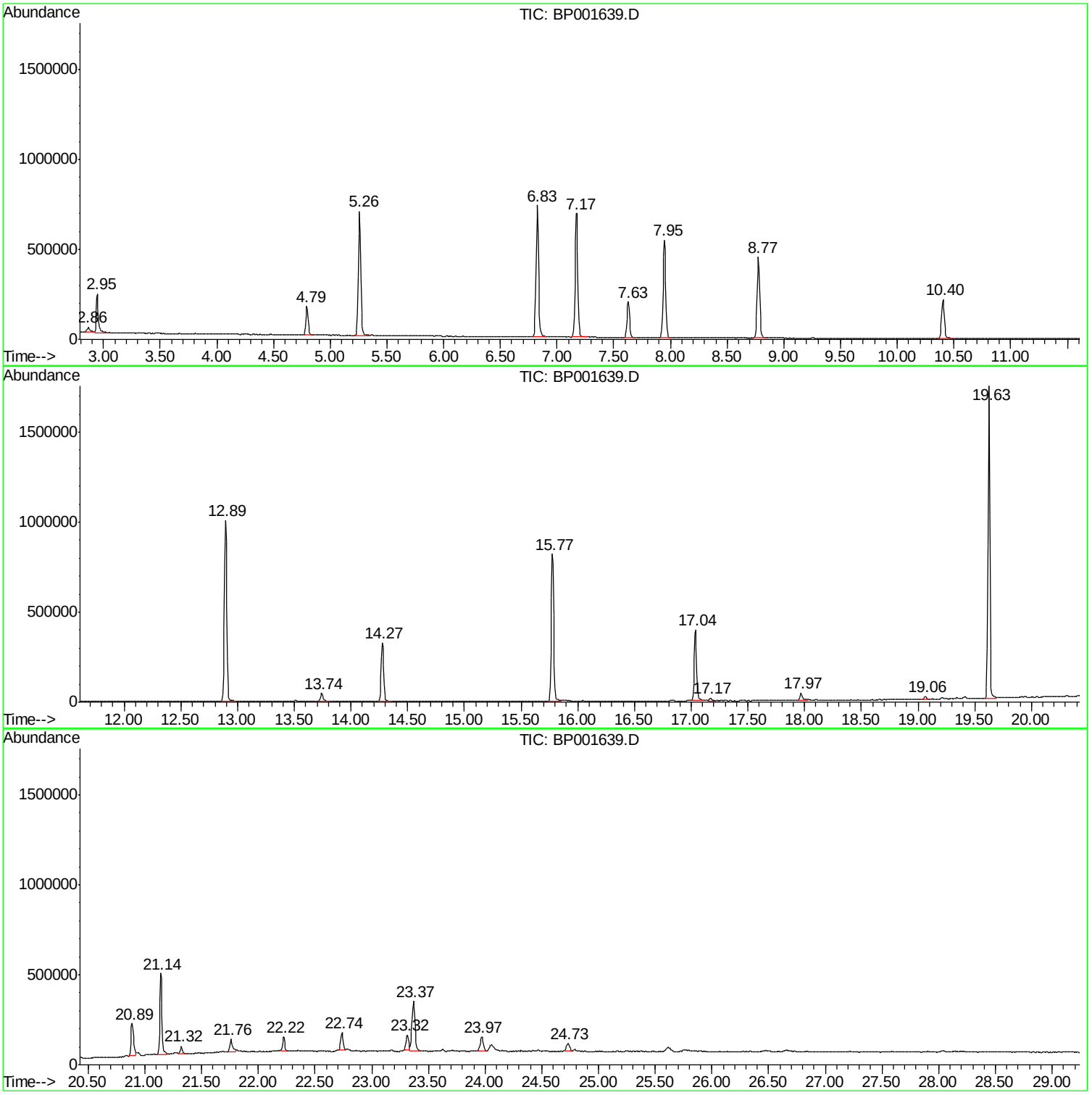
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-26-(4-6)

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\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId : SB-26-(4-6)

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

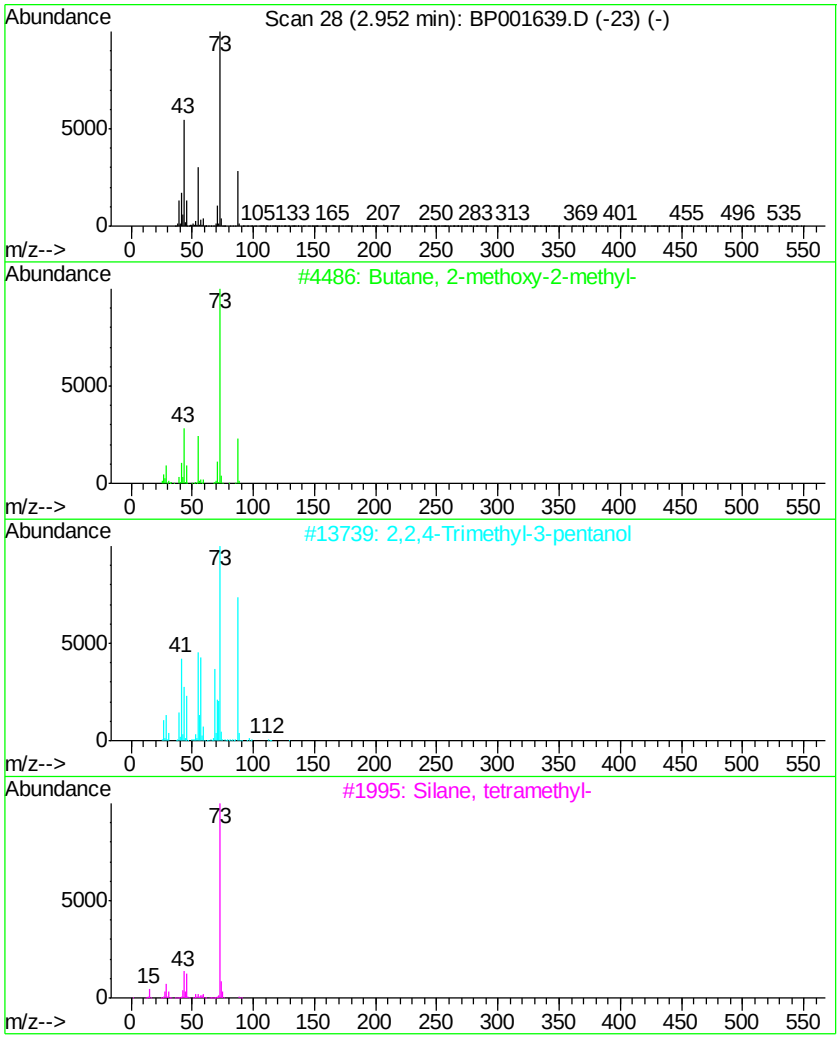
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

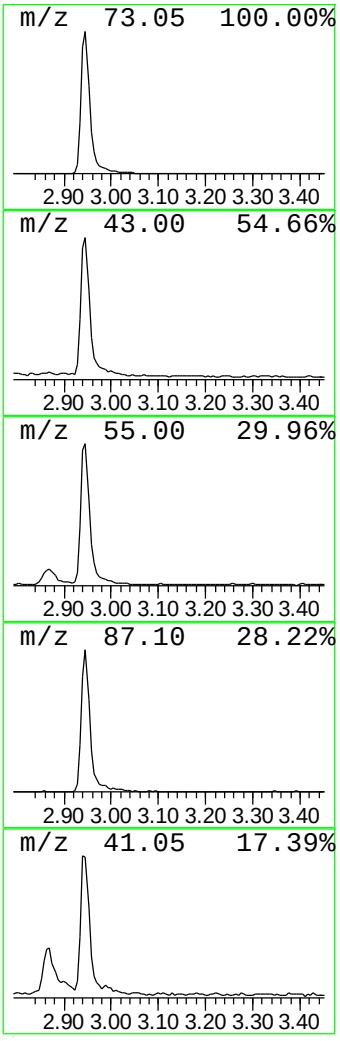
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	19.10 ng	294208	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	32
4	4-Penten-2-ol, acetate	128	C7H12O2	1000352-31-5	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-26-(4-6)

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

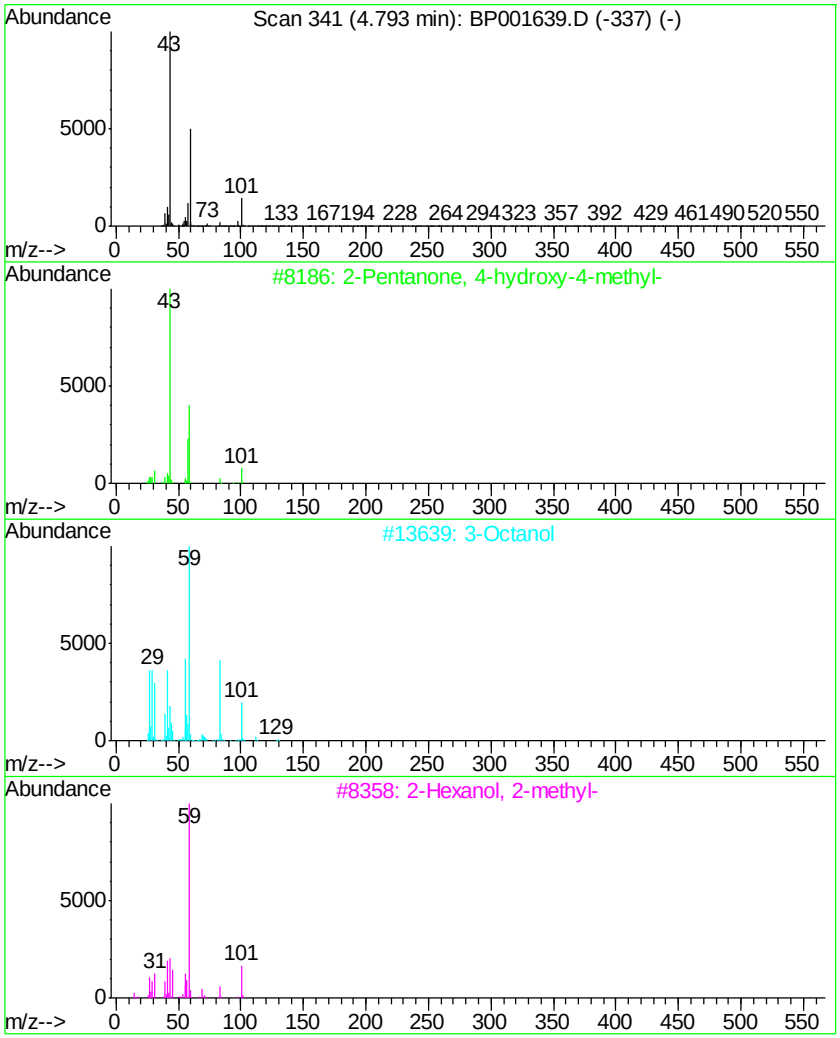
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

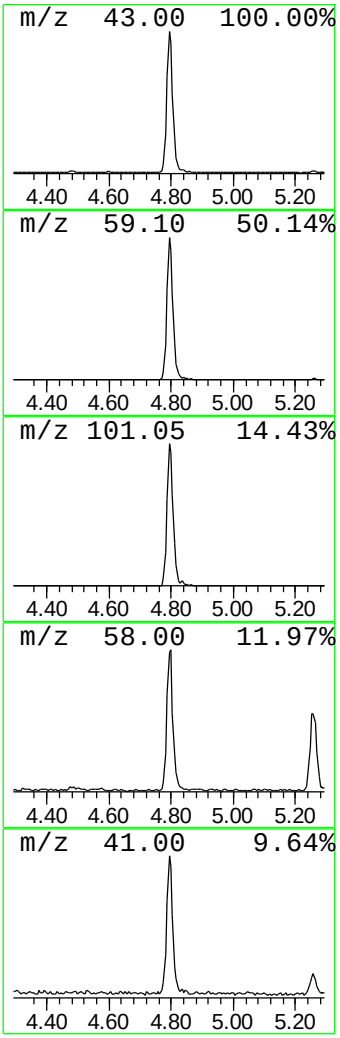
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	14.44 ng	222399	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	64
2	3-Octanol	130	C8H18O	000589-98-0	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-26-(4-6)

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

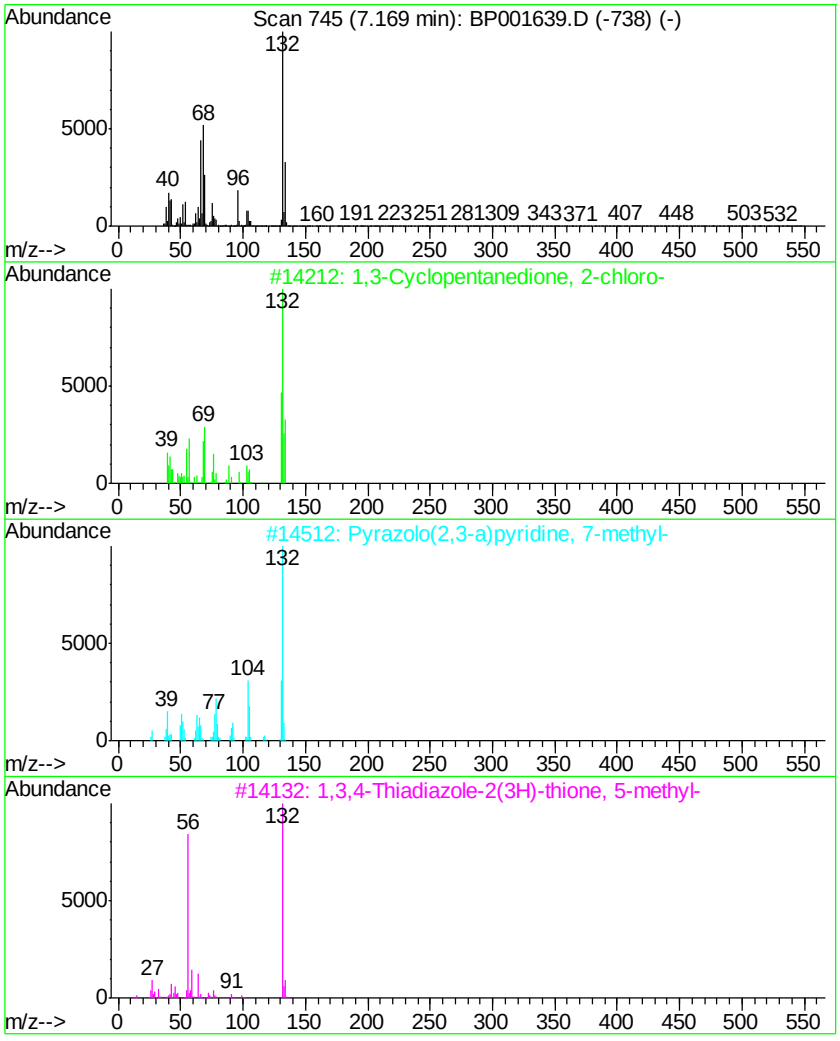
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

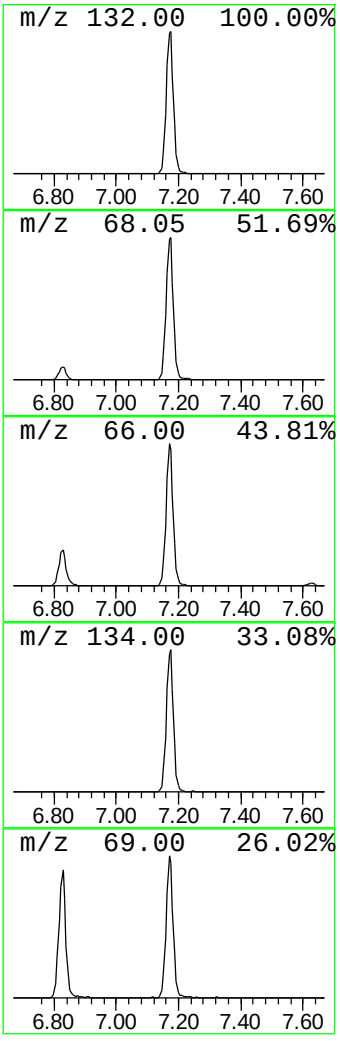
****

Peak Number 4 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	73.67 ng	1134610	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-26-(4-6)

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

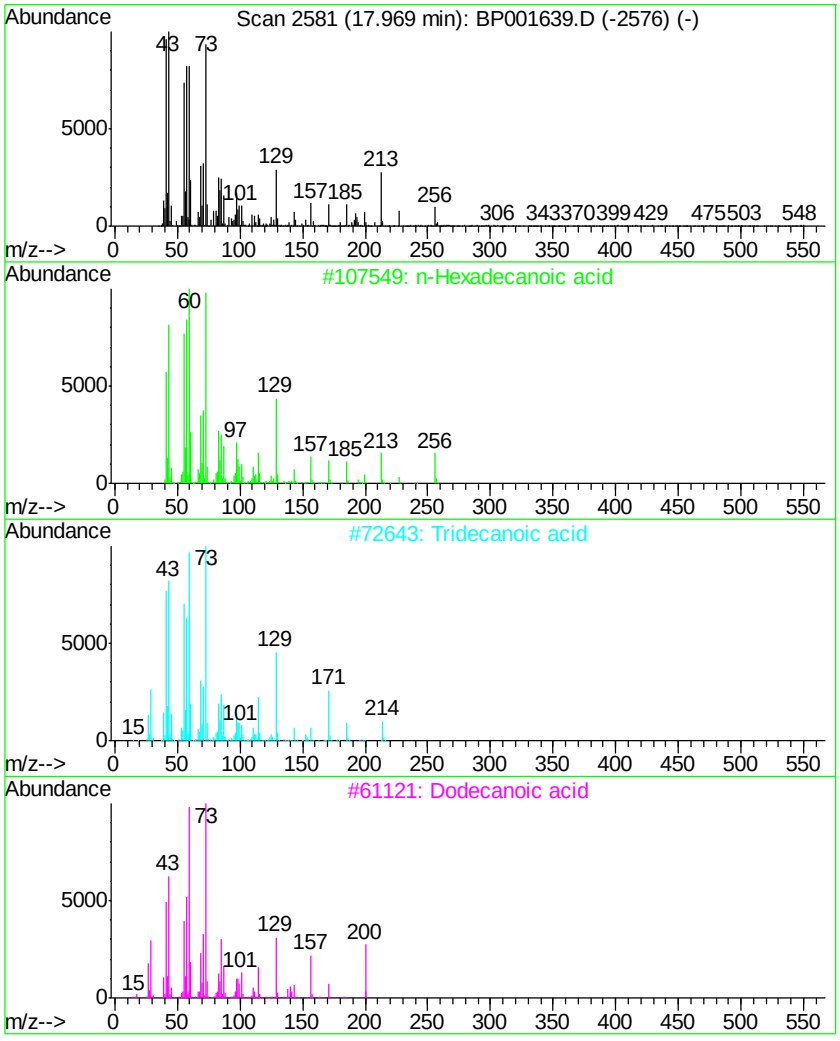
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

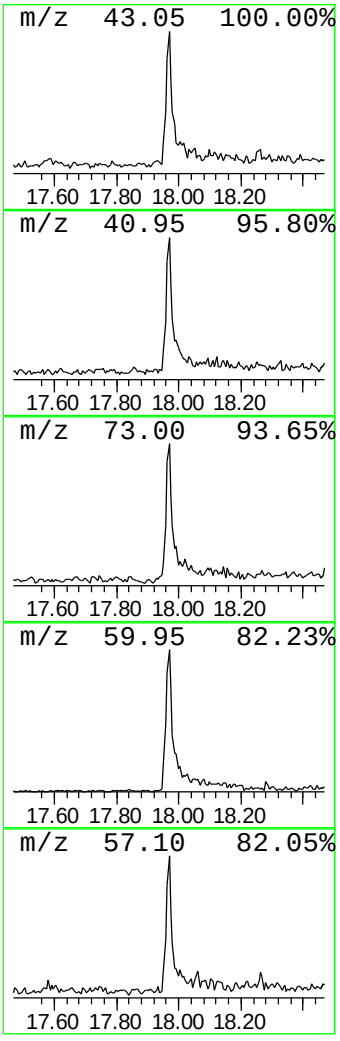
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.48 ng	73266	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Dodecanoic acid	200	C12H24O2	000143-07-7	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-26-(4-6)

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

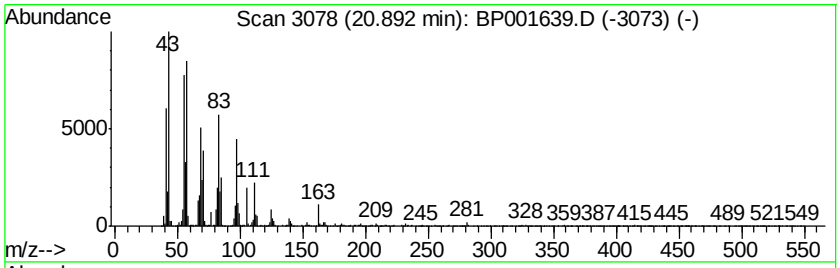
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

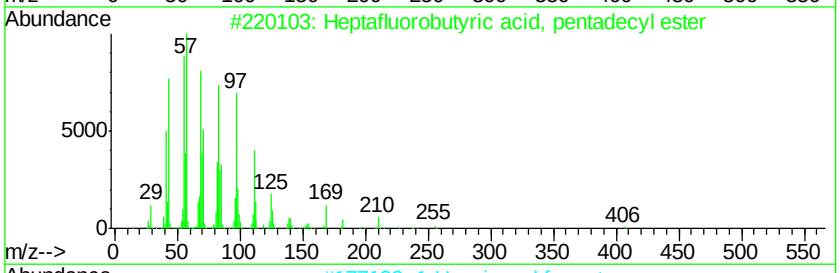
****

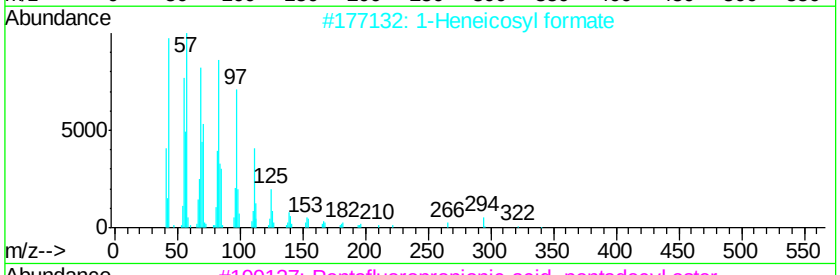
Peak Number 7 Heptafluorobutyric acid, pe... Concentration Rank 5

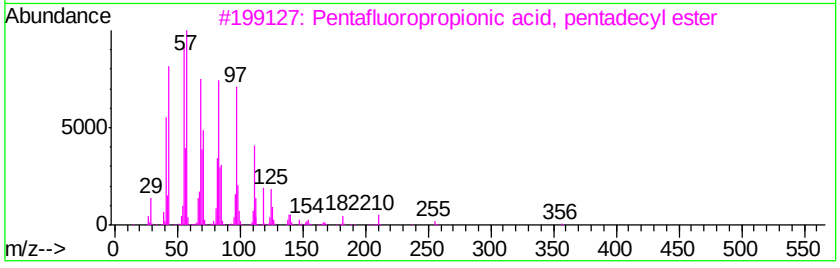
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	9.48 ng	284799	Chrysene-d12	21.14

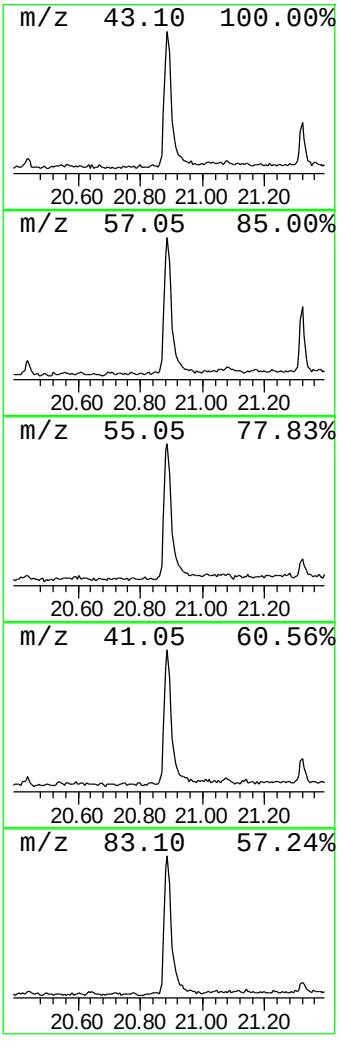
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-26-(4-6)

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

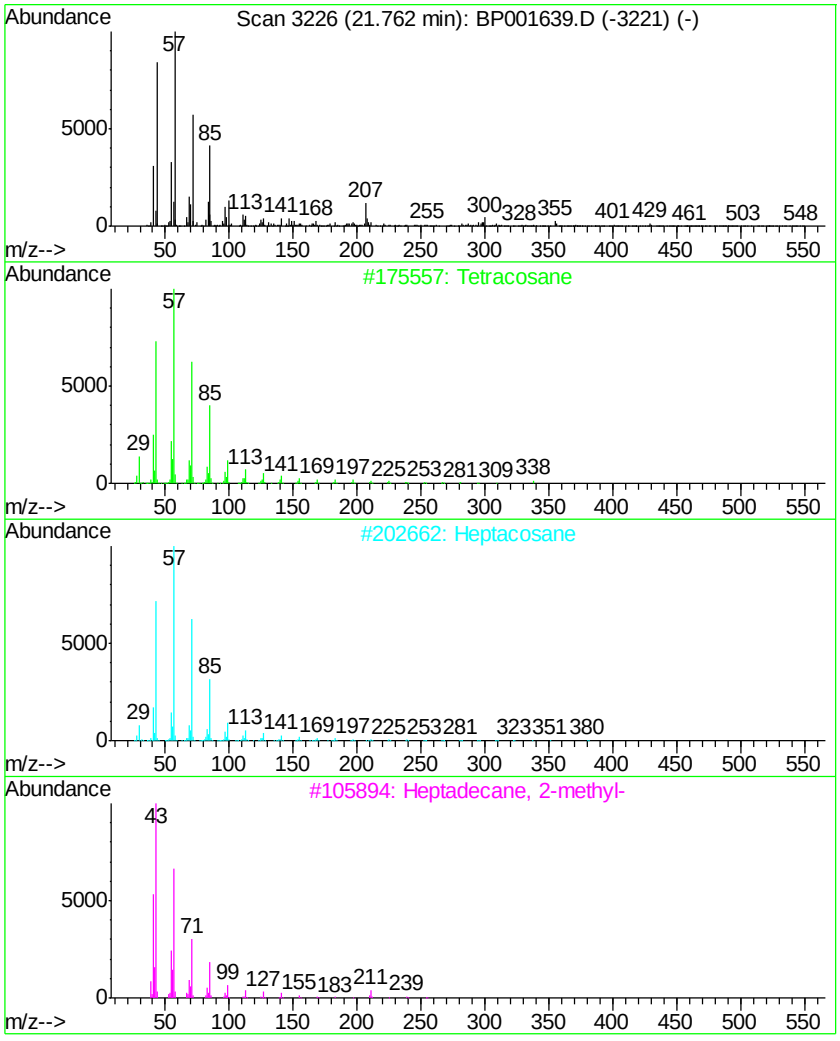
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

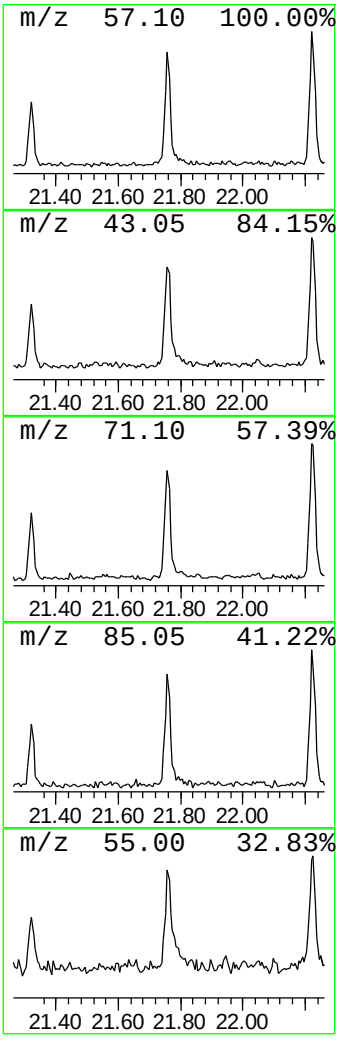
****

Peak Number 8 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.85 ng	115594	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptacosane	380	C27H56	000593-49-7	93
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	93
4	Eicosane	282	C20H42	000112-95-8	91
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-26-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
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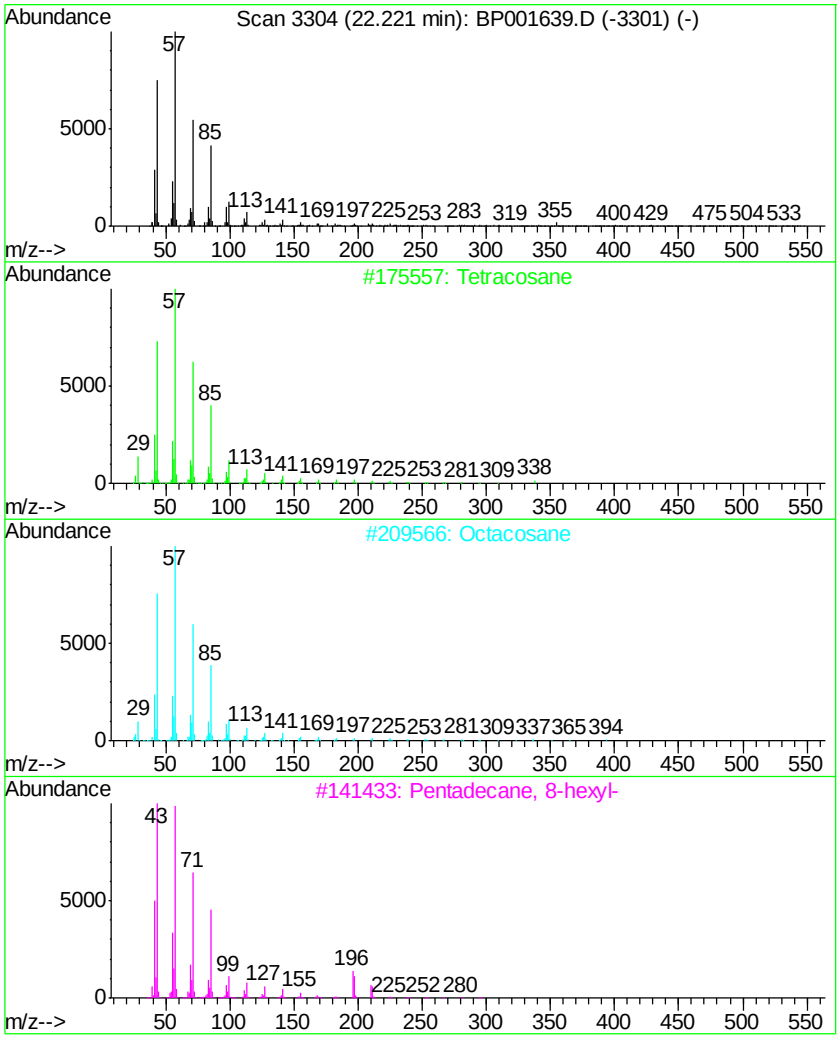
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

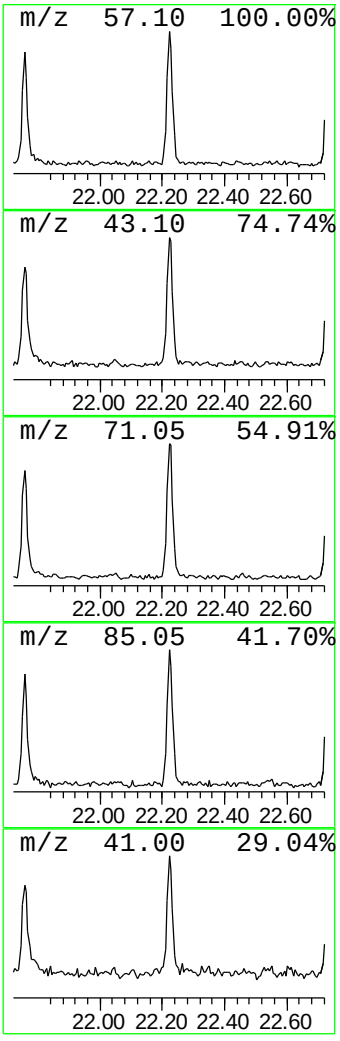
****

Peak Number 9 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	3.58 ng	107396	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	83
5	Eicosane	282	C20H42	000112-95-8	80





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Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-26-(4-6)

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

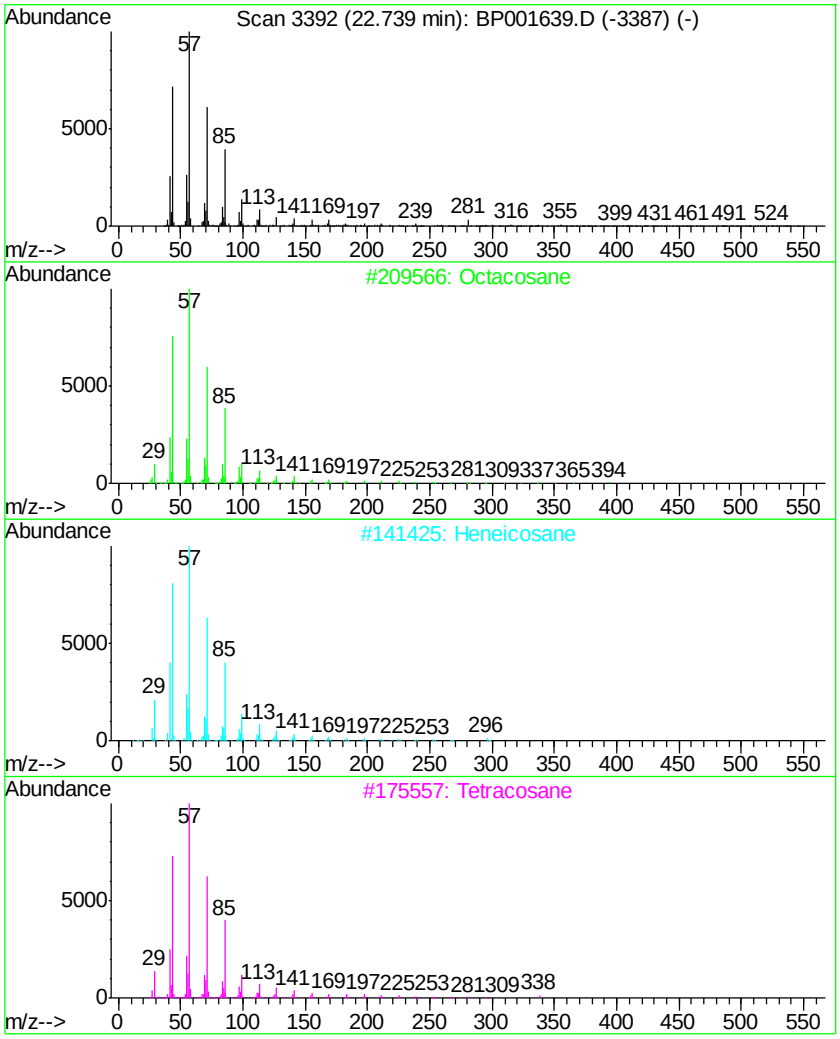
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

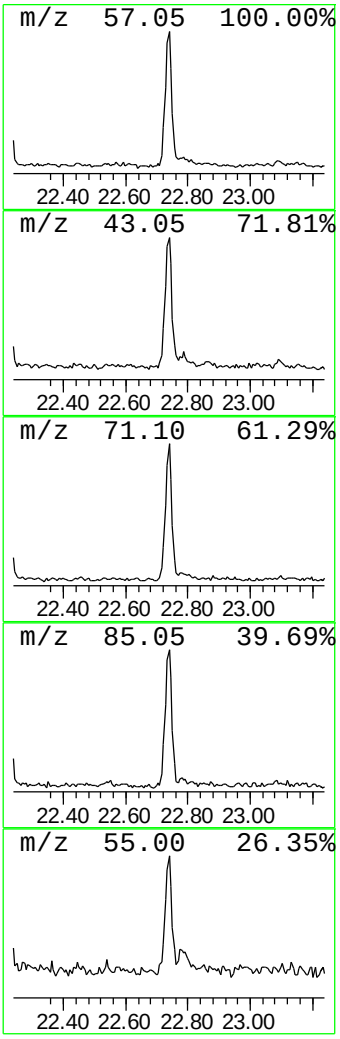
****

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	5.41 ng	143589	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-26-(4-6)

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

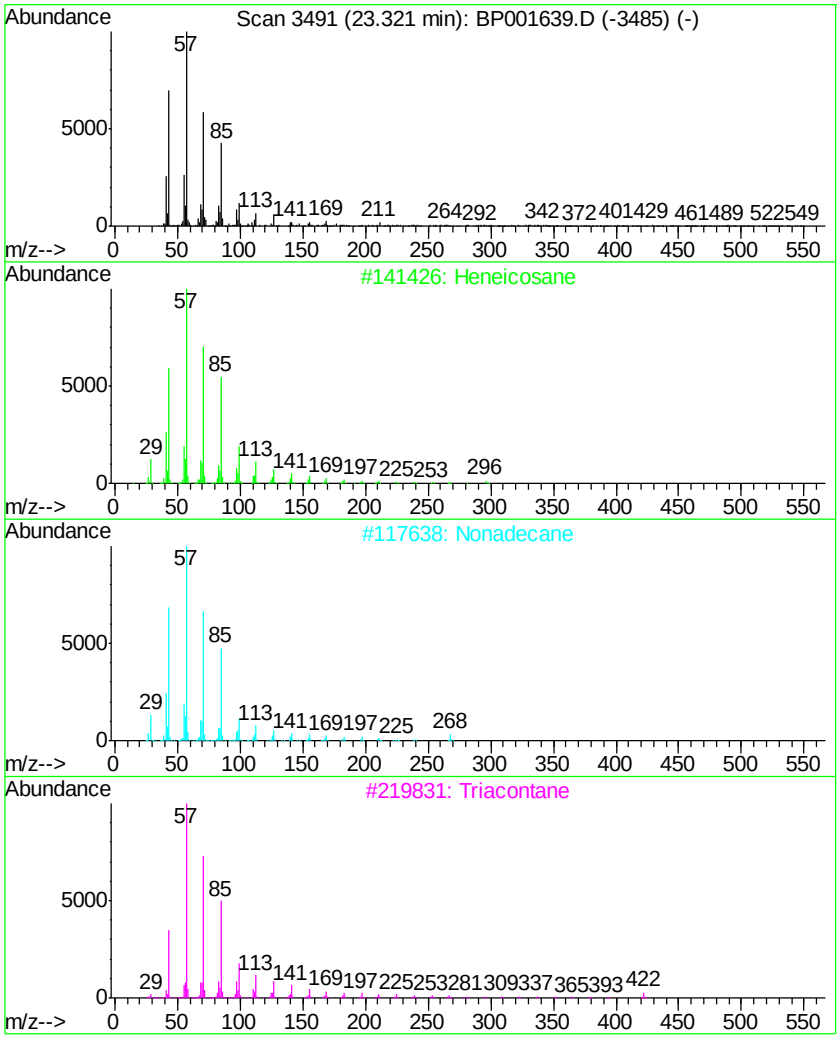
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

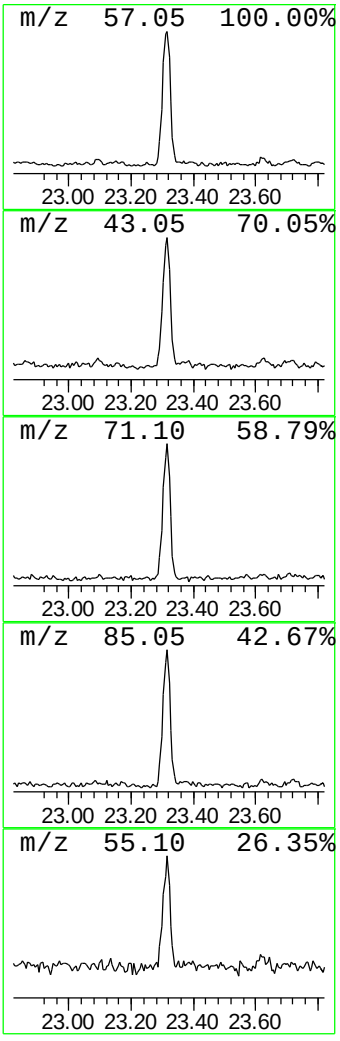
****

Peak Number 11 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	5.08 ng	134818	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Nonadecane	268	C19H40	000629-92-5	95
3	Triacontane	422	C30H62	000638-68-6	94
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
5	Heptadecane	240	C17H36	000629-78-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-26-(4-6)

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

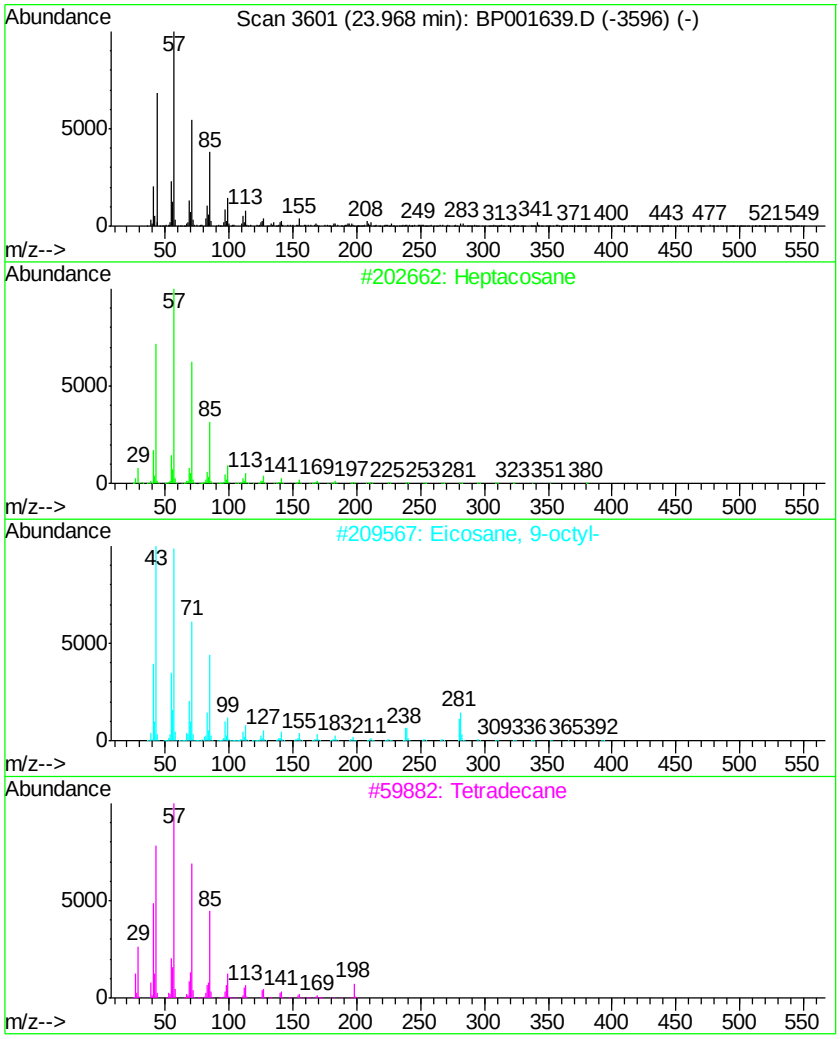
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

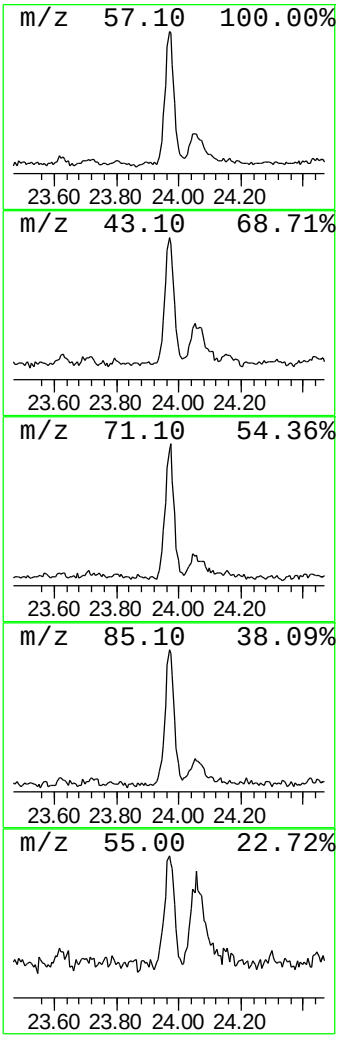
****

Peak Number 12 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	5.84 ng	154808	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
3	Tetradecane	198	C14H30	000629-59-4	91
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	83
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-26-(4-6)

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

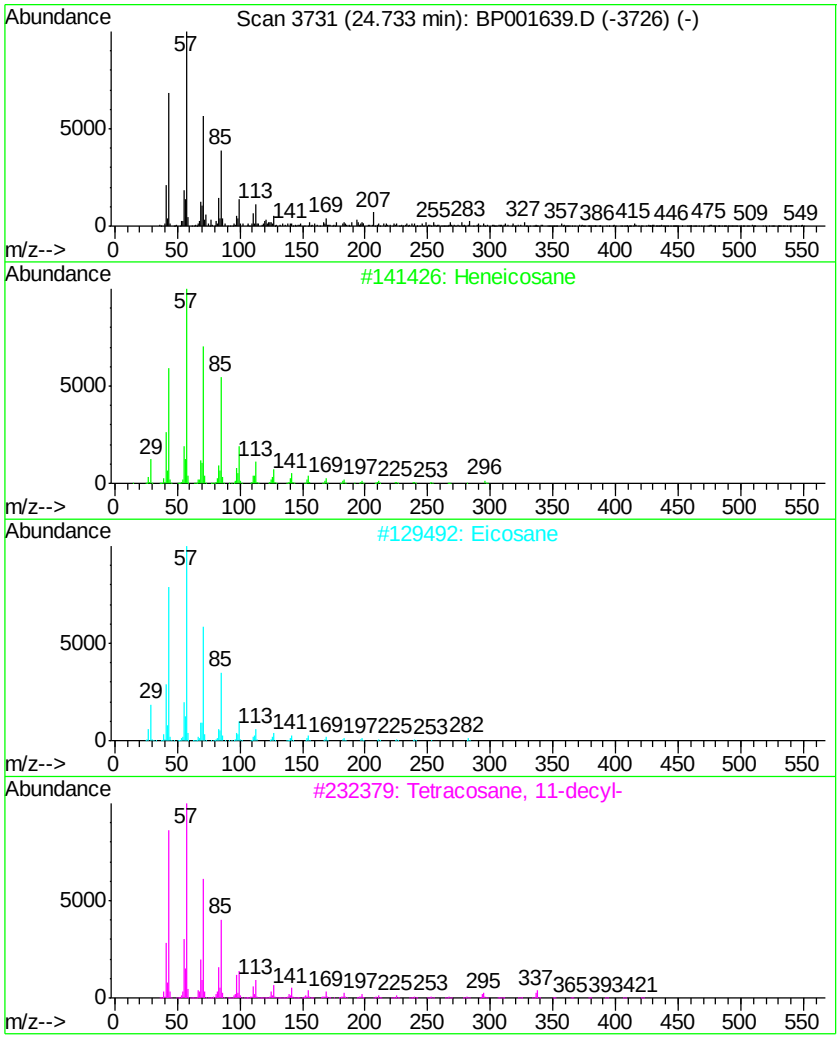
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

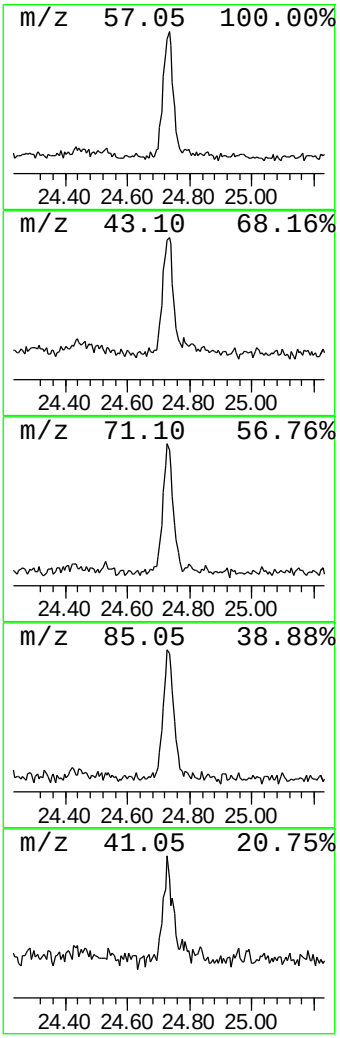
****

Peak Number 13 Hexadecane, 6,11-dipentyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	3.09 ng	82066	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
4	Hexadecane, 6,11-dipentyl-	366	C26H54	015874-03-0	87
5	Pentacosane	352	C25H52	000629-99-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011620\
Data File : BP001639.D
Acq On : 16 Jan 2020 21:31
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-26-(4-6)

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...	2.95	19.1	ng	294208	1	7.63	308026	20.0
2-Pentanone, 4-hy...	4.79	14.4	ng	222399	1	7.63	308026	20.0
unknown7.17	7.17	73.7	ng	1134610	1	7.63	308026	20.0
n-Hexadecanoic acid	17.97	2.5	ng	73266	4	17.04	590071	20.0
Heptafluorobutyri...	20.89	9.5	ng	284799	5	21.14	600593	20.0
Tetracosane	21.76	3.9	ng	115594	5	21.14	600593	20.0
Octacosane	22.22	3.6	ng	107396	5	21.14	600593	20.0
Heptadecane, 9-oc...	22.74	5.4	ng	143589	6	23.37	530512	20.0
Heneicosane	23.32	5.1	ng	134818	6	23.37	530512	20.0
Heptacosane	23.97	5.8	ng	154808	6	23.37	530512	20.0
Hexadecane, 6,11-...	24.73	3.1	ng	82066	6	23.37	530512	20.0