LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001659.D
Acq On : 17 Jan 2020 16:12
Operator : JU
Sample : L1171-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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	23	rVV3	35069	70850	2.94%	0.396%
2	2.946	23	27	41	rVB	274870	327104	13.55%	1.828%
3	4.799	337	342	350	rVB	192526	262661	10.88%	1.468%
4	5.263	415	421	432	rBV	816938	1170239	48.48%	6.542%
5	6.834	681	688	698	rBV	919061	1478448	61.25%	8.264%
6	7.175	739	746	761	rBV	864762	1356331	56.19%	7.582%
7	7.628	817	823	832	rBV	234757	365365	15.14%	2.042%
8	7.952	871	878	887	rVB	623056	999524	41.41%	5.587%
9	8.781	1011	1019	1035	rBV	532129	904938	37.49%	5.059%
10	10.404	1288	1295	1306	rBV	267264	468294	19.40%	2.618%
11	12.898	1710	1719	1737	rBV	1221212	1798211	74.50%	10.052%
12	13.745	1857	1863	1876	rBV	74825	123237	5.11%	0.689%
13	14.281	1947	1954	1965	rBV	452898	652280	27.02%	3.646%
14	15.781	2203	2209	2230	rBV	938652	1421342	58.89%	7.945%
15	17.039	2417	2423	2436	rBV	514273	779948	32.31%	4.360%
16	19.627	2857	2863	2878	rBV	2041966	2413757	100.00%	13.493%
17	20.439	2997	3001	3004	rBV2	26130	34939	1.45%	0.195%
18	20.886	3073	3077	3083	rVV2	203363	289504	11.99%	1.618%
19	20.939	3083	3086	3093	rVB	29059	48542	2.01%	0.271%
20	21.145	3116	3121	3138	rVB	486188	643748	26.67%	3.599%
21	21.321	3147	3151	3156	rBV	110119	124330	5.15%	0.695%
22	21.757	3220	3225	3235	rVB	189402	249477	10.34%	1.395%
23	22.221	3299	3304	3314	rVB	256478	352008	14.58%	1.968%
24	22.739	3386	3392	3398	rBV	253373	374336	15.51%	2.093%
25	23.310	3484	3489	3494	rBV	193311	321014	13.30%	1.794%
26	23.374	3494	3500	3509	rVB	242188	488619	20.24%	2.731%
27	23.968	3595	3601	3607	rVB	127665	245594	10.17%	1.373%
28	24.727	3725	3730	3737	rVB	59926	124694	5.17%	0.697%

Sum of corrected areas: 17889334

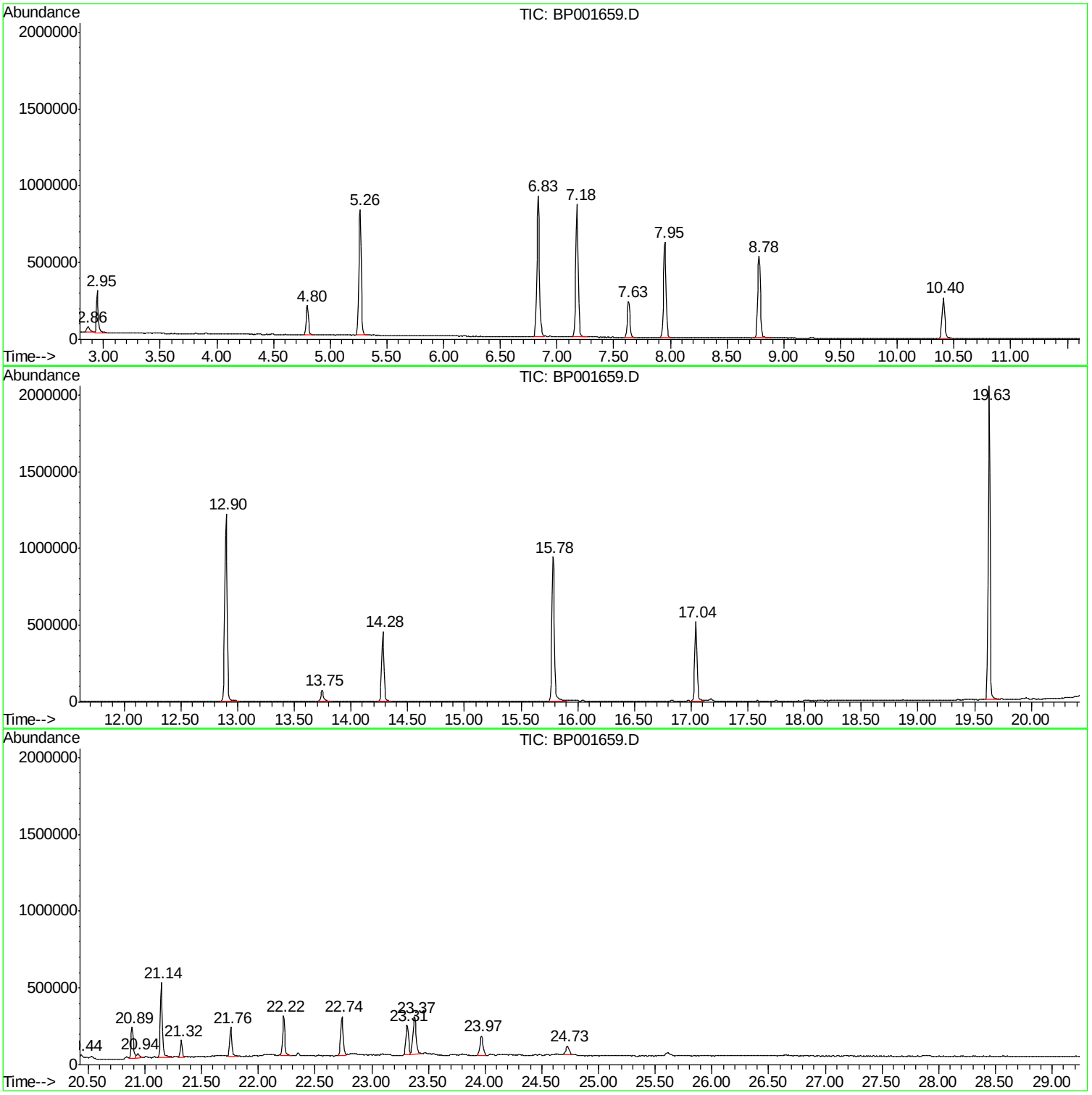
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001659.D
Acq On : 17 Jan 2020 16:12
Operator : JU
Sample : L1171-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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 : BP001659.D
Acq On : 17 Jan 2020 16:12
Operator : JU
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Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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

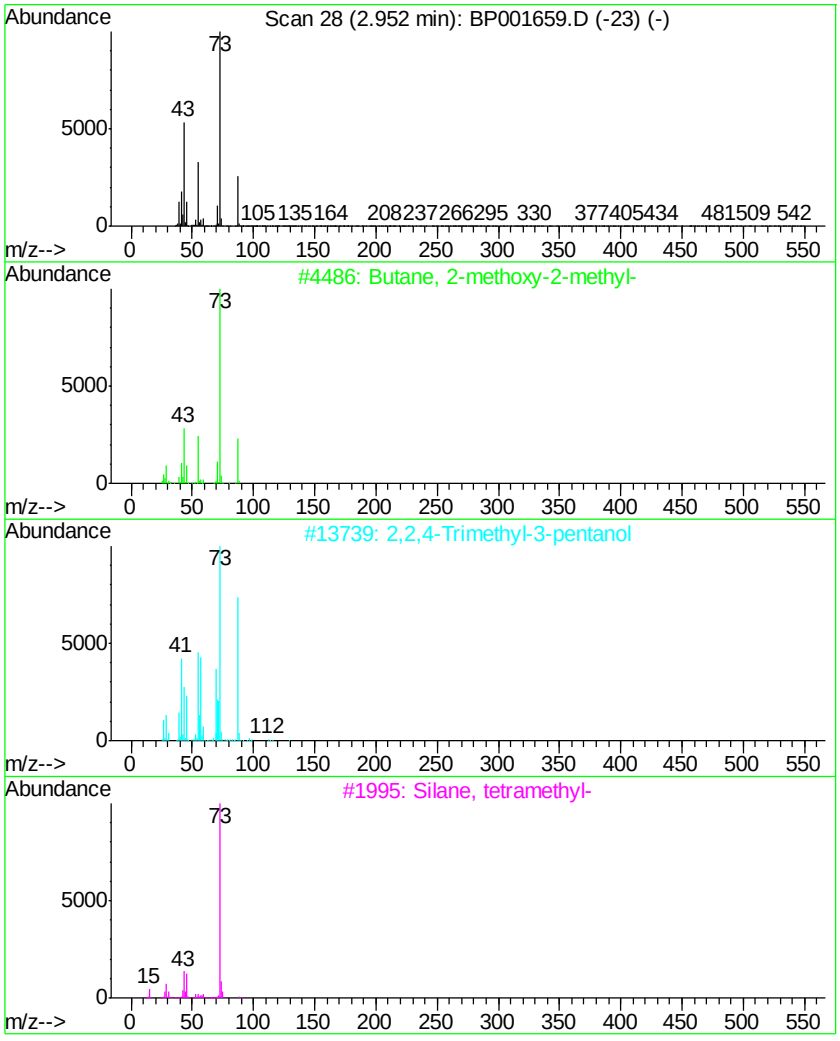
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

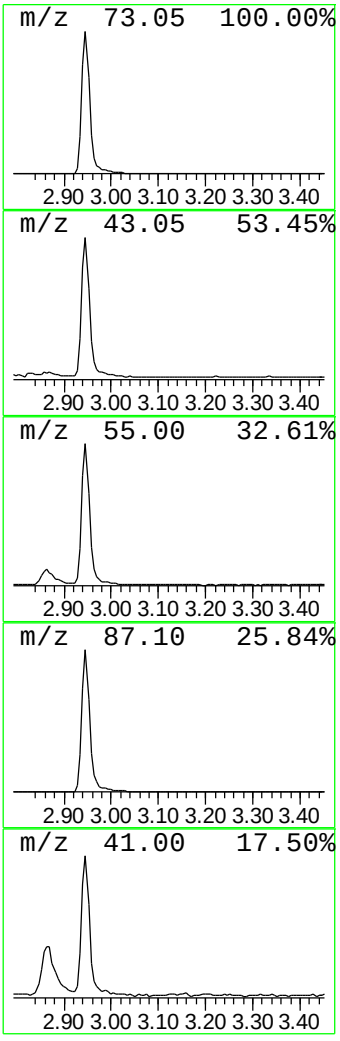
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	17.91 ng	327104	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001659.D
Acq On : 17 Jan 2020 16:12
Operator : JU
Sample : L1171-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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

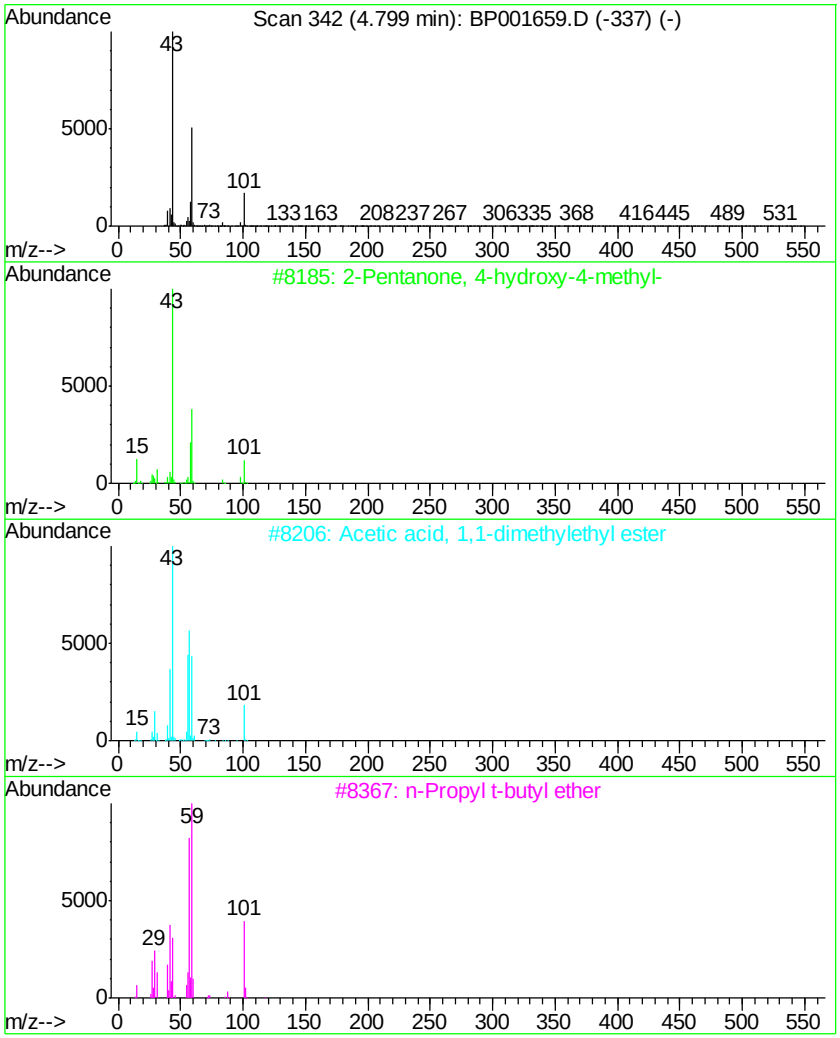
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

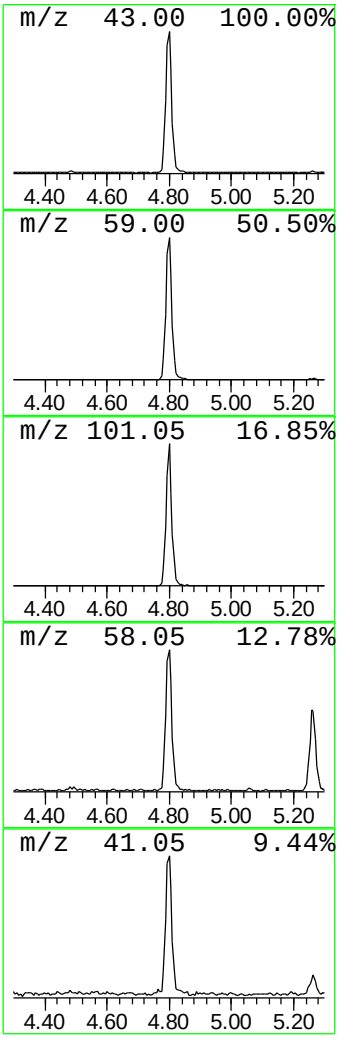
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	14.38 ng	262661	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001659.D
Acq On : 17 Jan 2020 16:12
Operator : JU
Sample : L1171-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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

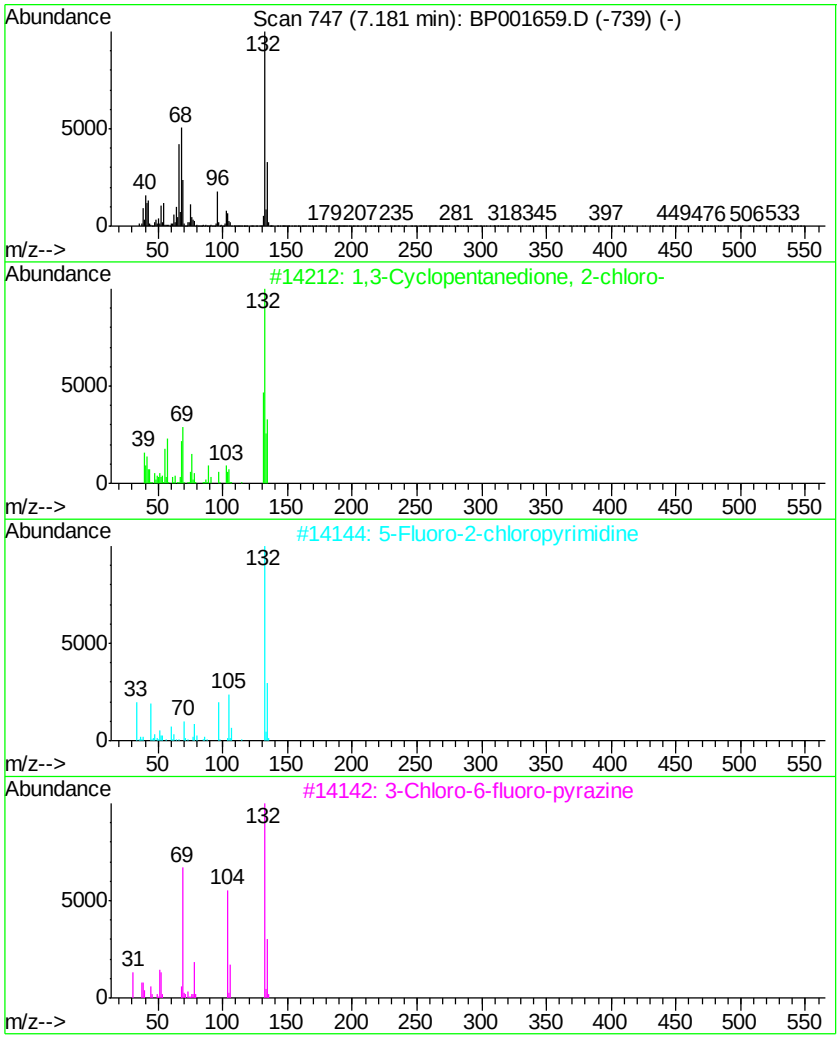
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

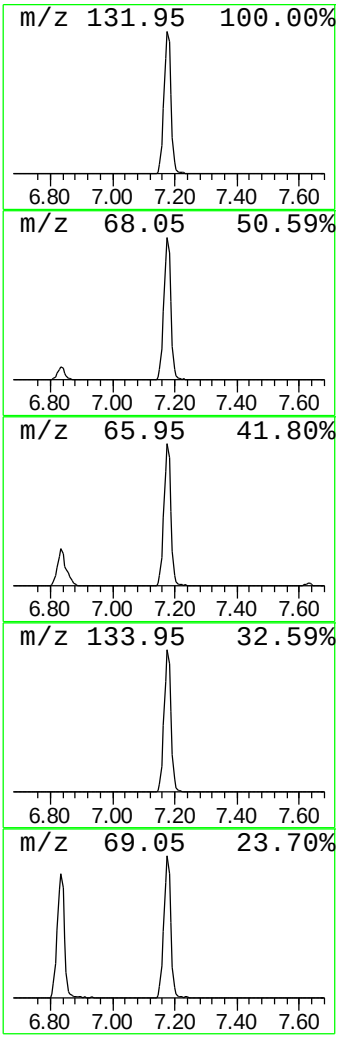
****

Peak Number 4 unknown7.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	74.25 ng	1356330	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	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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Acq On : 17 Jan 2020 16:12
Operator : JU
Sample : L1171-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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
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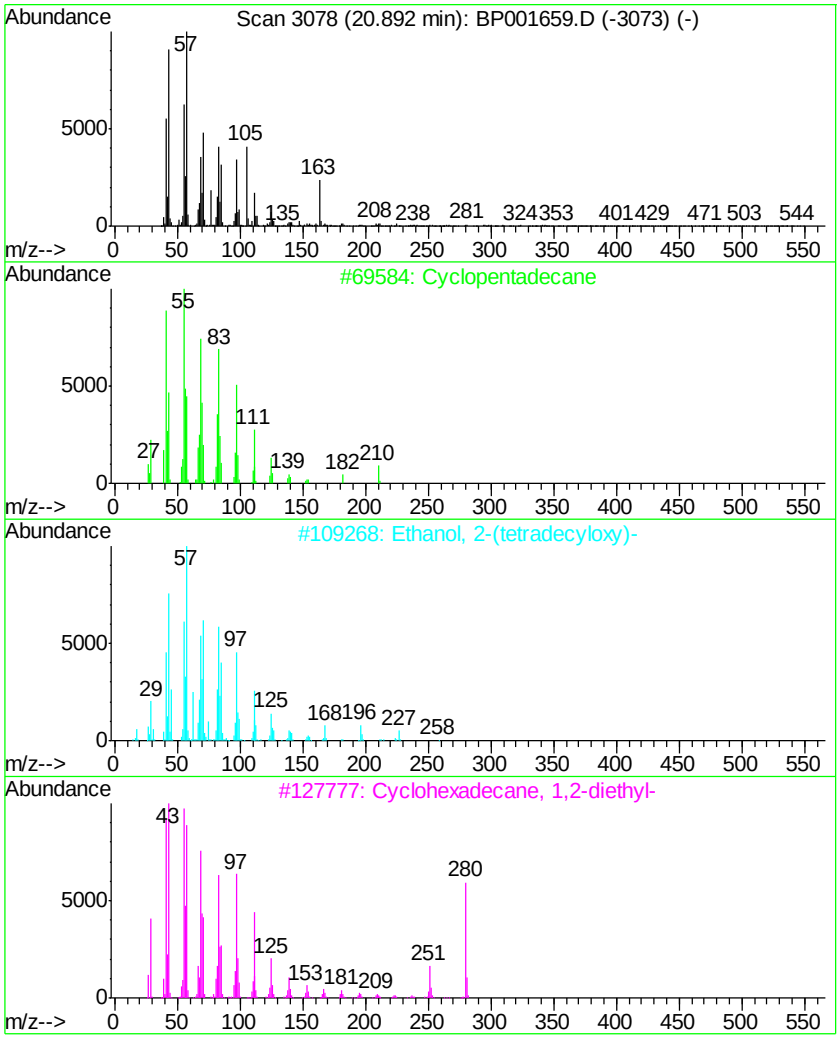
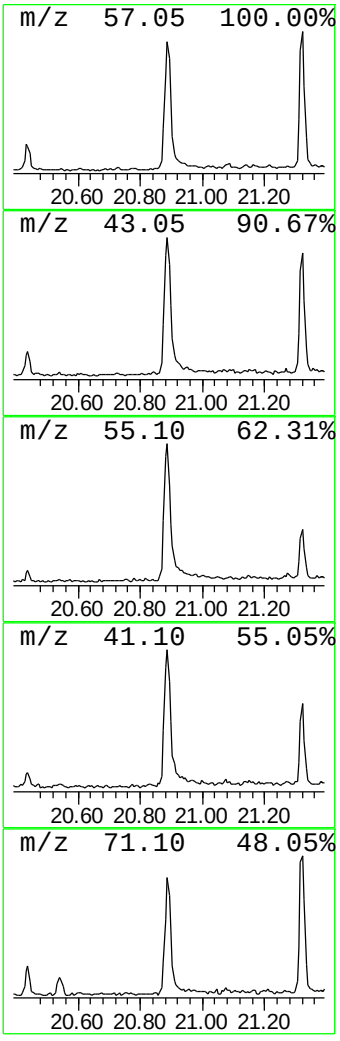
****

Peak Number 6 Cyclopentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	8.99 ng	289504	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	90
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001659.D
Acq On : 17 Jan 2020 16:12
Operator : JU
Sample : L1171-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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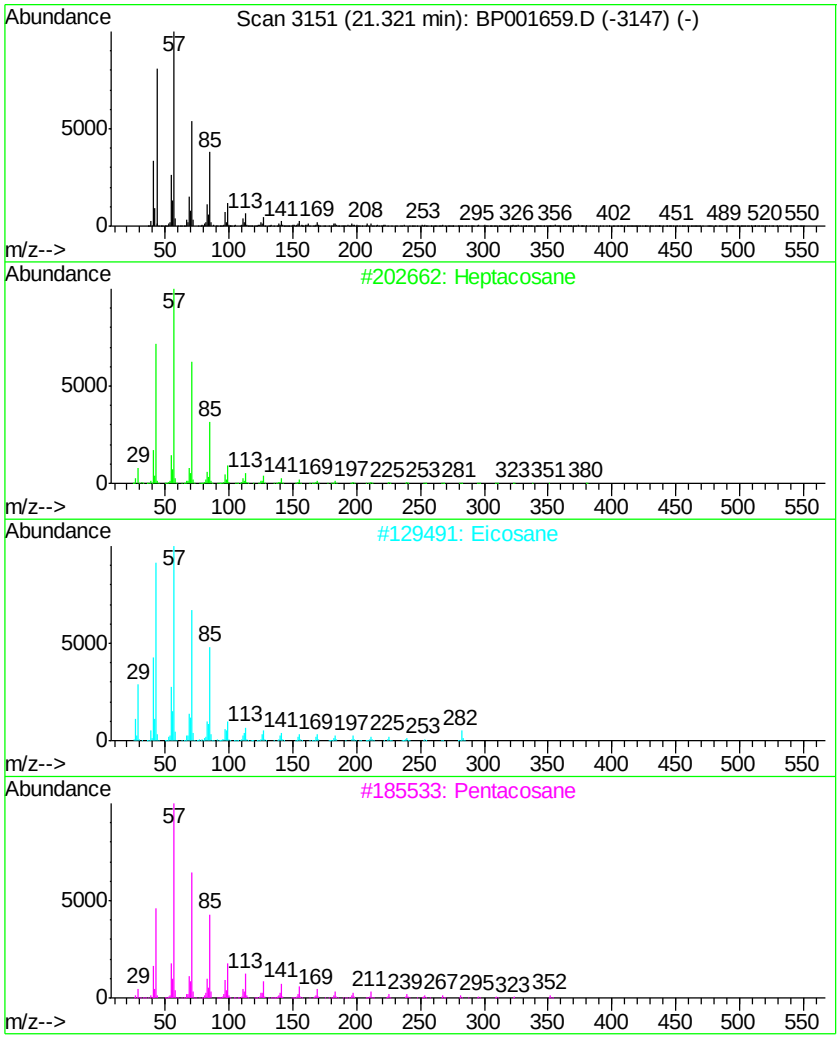
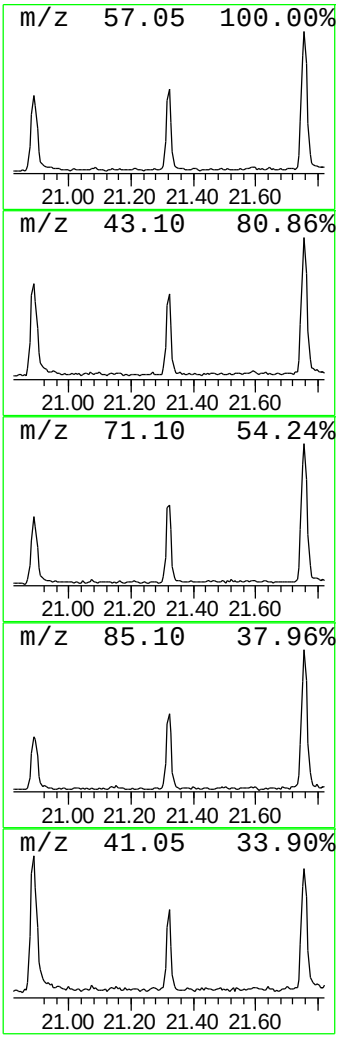
****

Peak Number 7 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	3.86 ng	124330	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Eicosane	282	C20H42	000112-95-8	93
3	Pentacosane	352	C25H52	000629-99-2	93
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Tricosane	324	C23H48	000638-67-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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Sample : L1171-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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

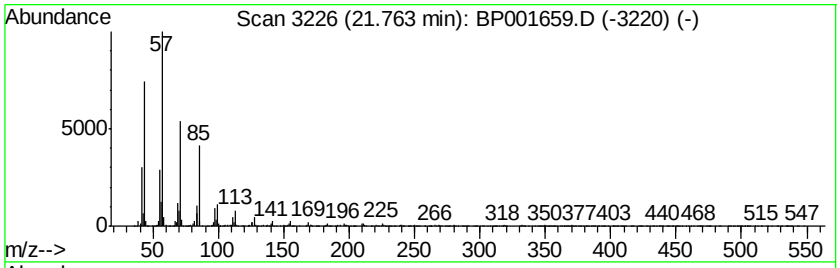
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

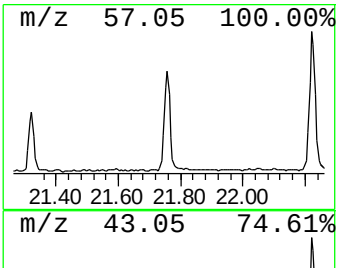
****

Peak Number 8 Docosane, 11-decyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	7.75 ng	249477	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-decyl-	451	C32H66	055401-55-3	94
2	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
3	Docosane, 5-butyl-	366	C26H54	055282-16-1	93
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001659.D
Acq On : 17 Jan 2020 16:12
Operator : JU
Sample : L1171-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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

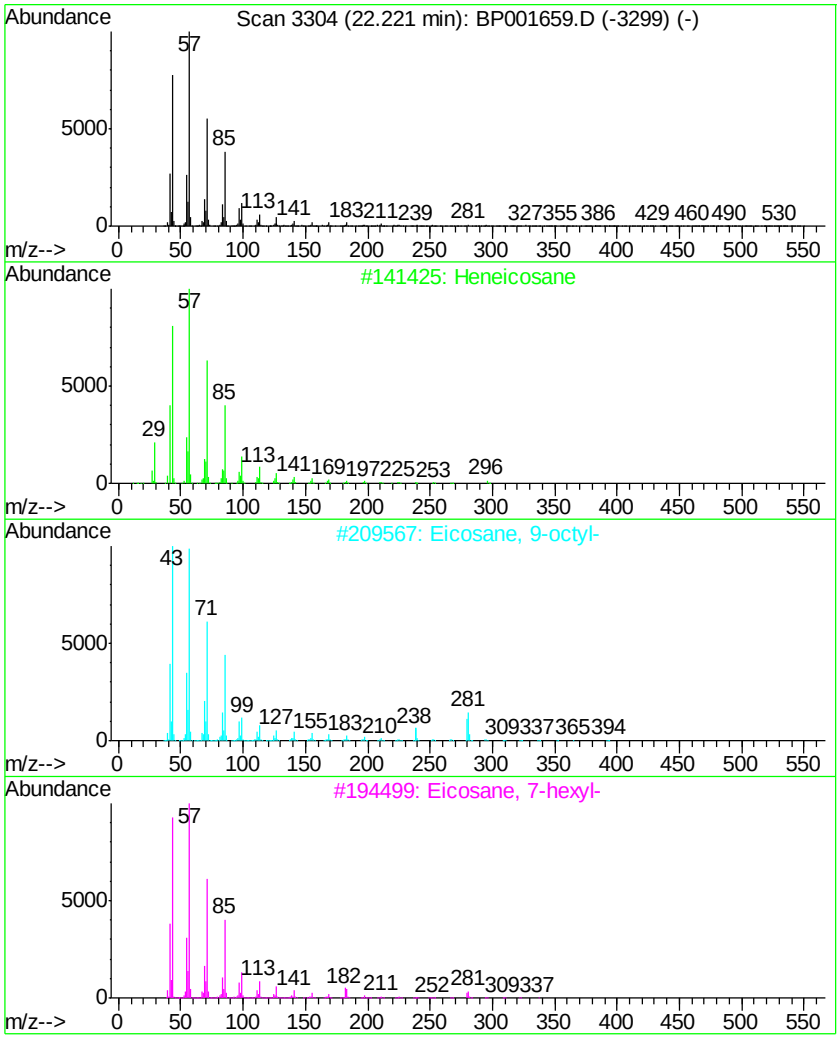
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

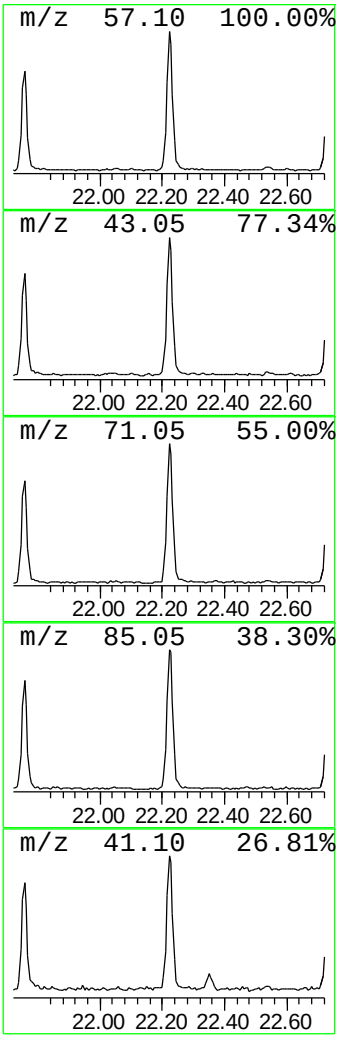
****

Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	10.94 ng	352008	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	96
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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TIC Library : C:\DATABASE\NIST11.L
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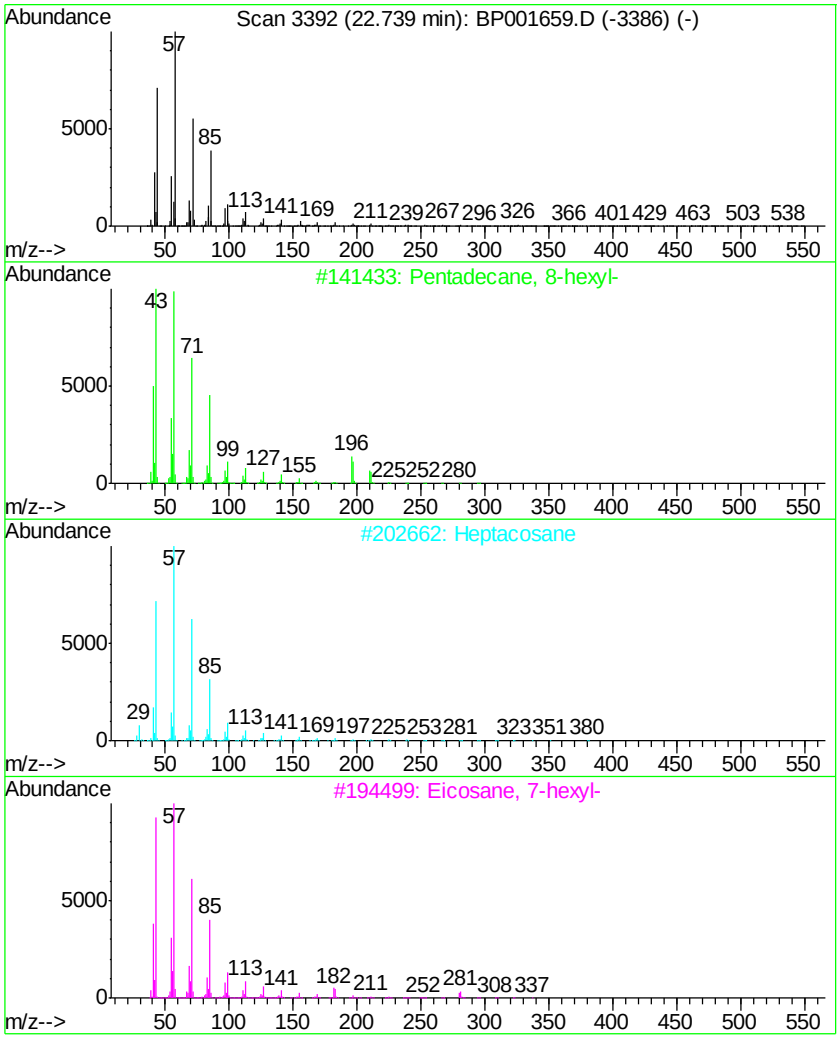
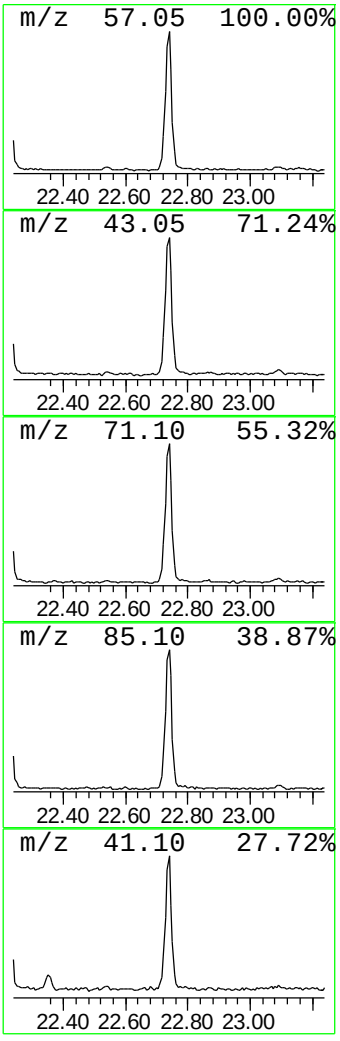
****

Peak Number 10 Pentadecane, 8-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	15.32 ng	374336	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001659.D
Acq On : 17 Jan 2020 16:12
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Sample : L1171-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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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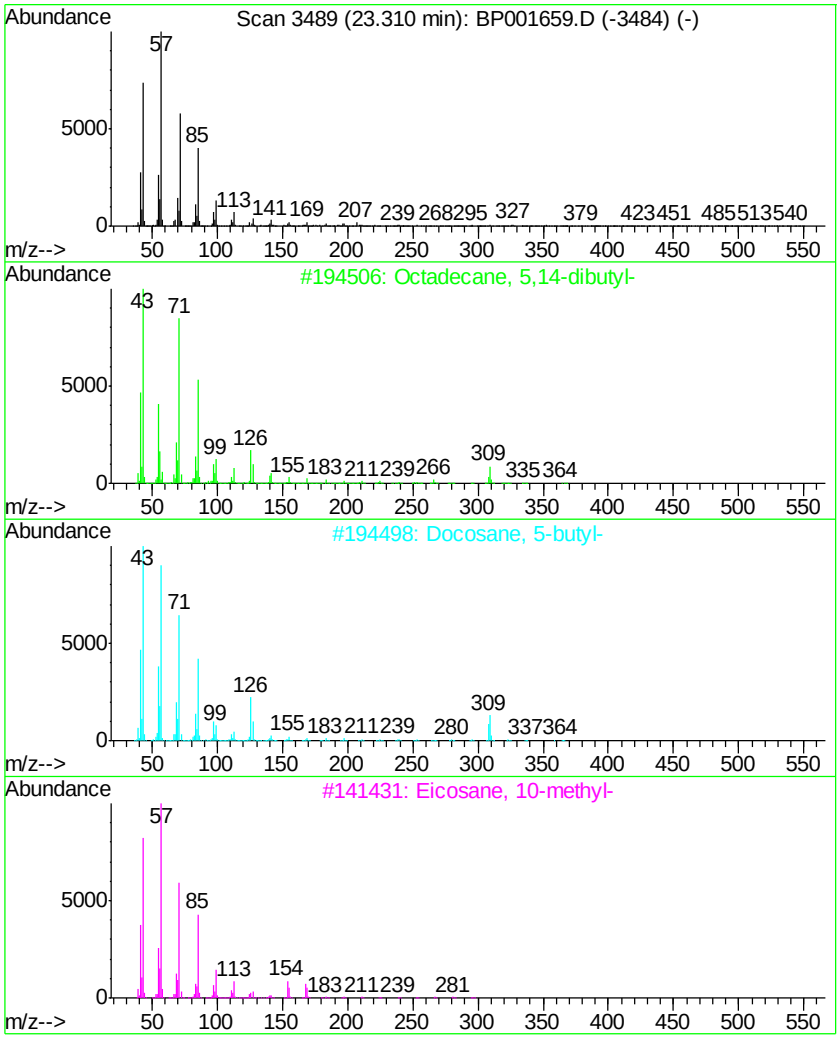
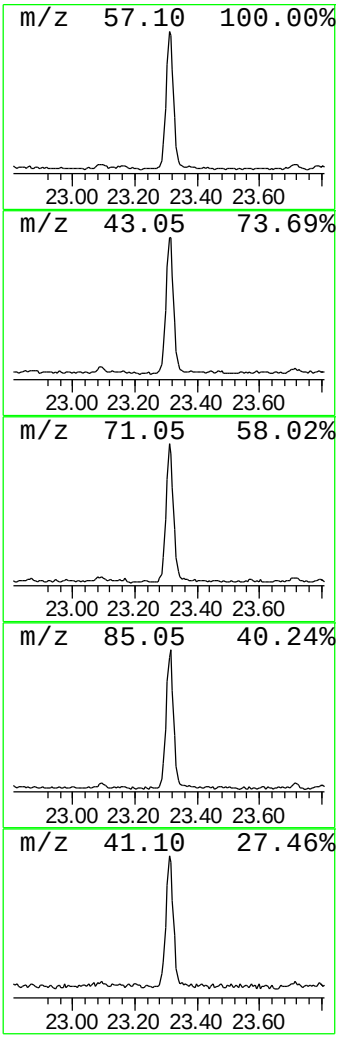
Peak Number 11 Octadecane, 5,14-dibutyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	13.14 ng	321014	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

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Operator : JU
Sample : L1171-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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TIC Integration Parameters: LSCINT.P

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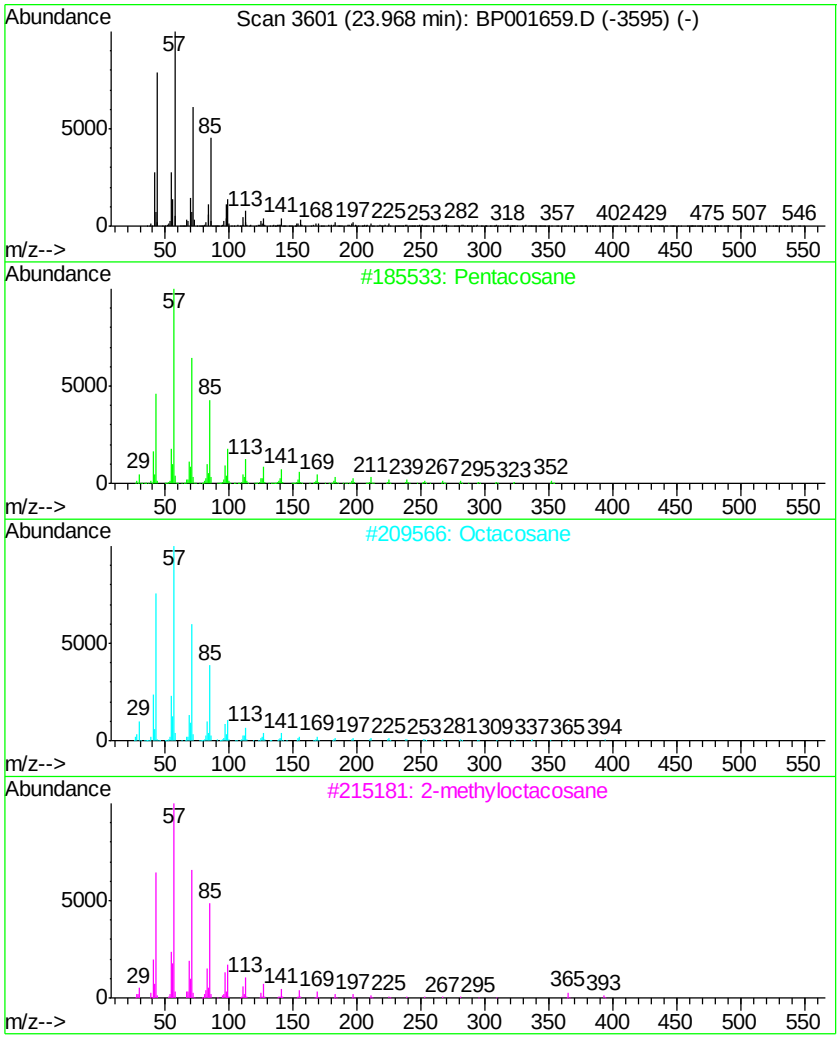
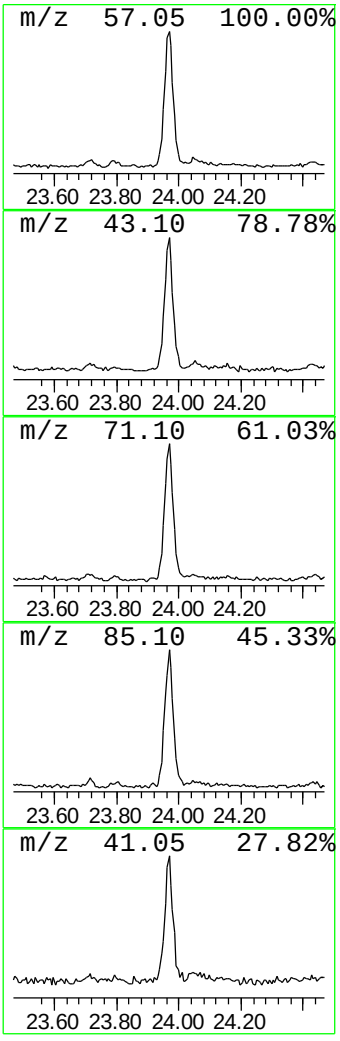
Peak Number 12 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	10.05 ng	245594	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	94
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Eicosane	282	C20H42	000112-95-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001659.D
Acq On : 17 Jan 2020 16:12
Operator : JU
Sample : L1171-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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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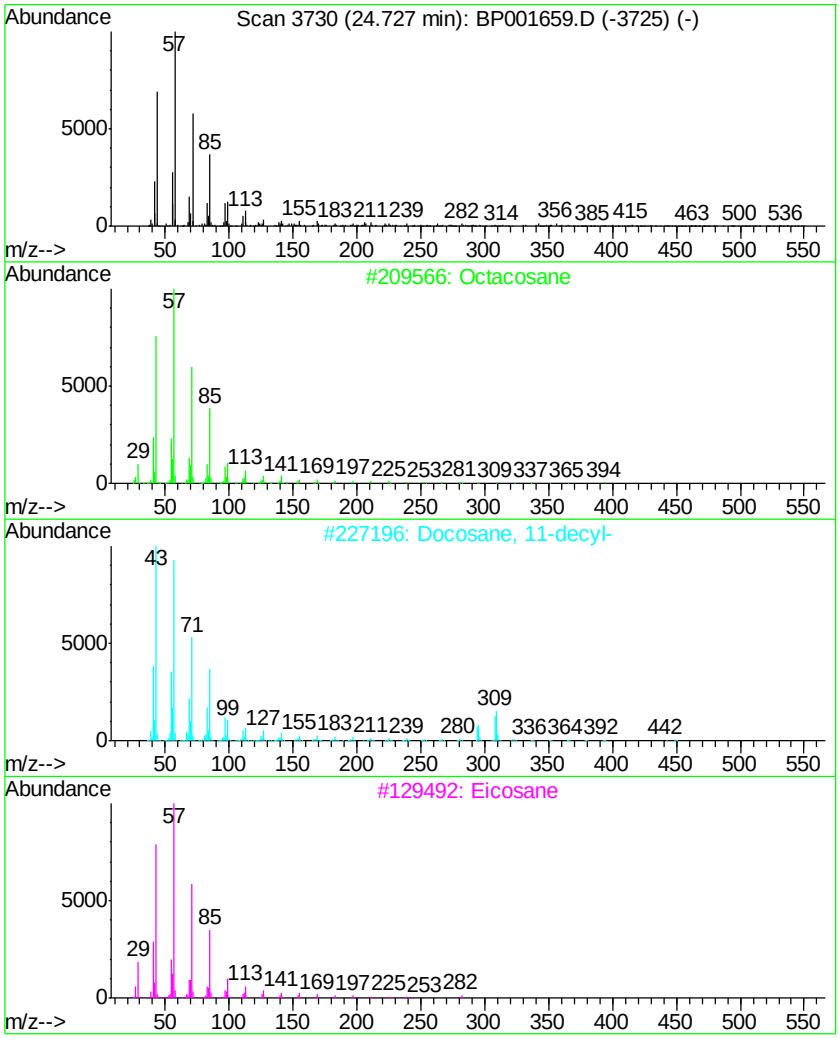
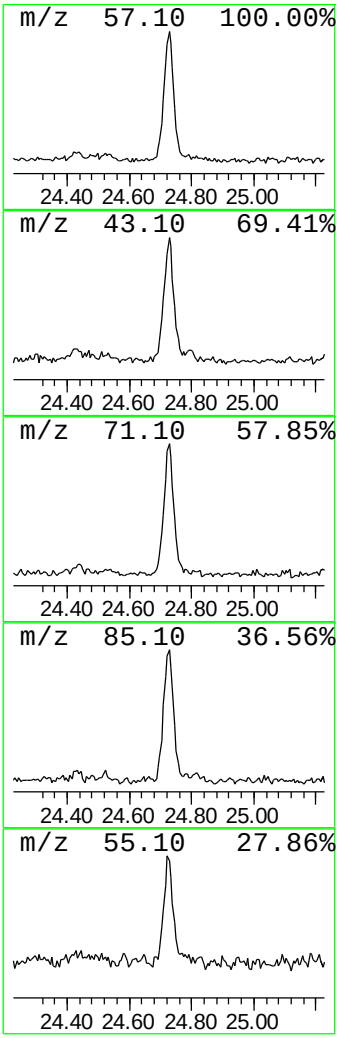
Peak Number 13 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	5.10 ng	124694	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011720\
Data File : BP001659.D
Acq On : 17 Jan 2020 16:12
Operator : JU
Sample : L1171-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-1A-45.0

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	17.9	ng	327104	1	7.63	365365	20.0
2-Pentanone, 4-hy...	4.80	14.4	ng	262661	1	7.63	365365	20.0
unknown7.18	7.18	74.3	ng	1356330	1	7.63	365365	20.0
Cyclopentadecane	20.89	9.0	ng	289504	5	21.15	643748	20.0
Heptacosane	21.32	3.9	ng	124330	5	21.15	643748	20.0
Docosane, 11-decyl-	21.76	7.8	ng	249477	5	21.15	643748	20.0
Heneicosane	22.22	10.9	ng	352008	5	21.15	643748	20.0
Pentadecane, 8-he...	22.74	15.3	ng	374336	6	23.37	488619	20.0
Octadecane, 5,14-...	23.31	13.1	ng	321014	6	23.37	488619	20.0
Pentacosane	23.97	10.1	ng	245594	6	23.37	488619	20.0
Octacosane	24.73	5.1	ng	124694	6	23.37	488619	20.0