LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001165.D
Acq On : 03 Dec 2019 20:09
Operator : JU
Sample : PB125130BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125130BL

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-BP112719.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	5.634	598	603	616	rBV	426753	716853	15.19%	1.975%
2	6.228	697	704	708	rBV	2875311	3683245	78.05%	10.148%
3	7.763	957	965	969	rBV	2894883	3883307	82.29%	10.699%
4	7.951	990	997	1002	rBV	2967639	3762108	79.72%	10.366%
5	8.310	1053	1058	1064	rBV	633620	734473	15.56%	2.024%
6	8.557	1093	1100	1104	rBV	2365946	2898211	61.41%	7.985%
7	9.193	1201	1208	1212	rBV	1890566	2438297	51.67%	6.718%
8	10.345	1398	1404	1409	rBV	769993	895556	18.98%	2.467%
9	12.128	1699	1707	1711	rBV	3517193	4248474	90.03%	11.706%
10	13.210	1884	1891	1897	rBV	843671	1040609	22.05%	2.867%
11	14.504	2103	2111	2134	rBV	2279114	2904966	61.56%	8.004%
12	15.604	2288	2298	2305	rBV	933682	1111429	23.55%	3.062%
13	17.898	2681	2688	2691	rBV	4098383	4719100	100.00%	13.002%
14	19.251	2913	2918	2931	rBV	938109	1030500	21.84%	2.839%
15	20.310	3094	3098	3103	rBV	54739	64635	1.37%	0.178%
16	20.398	3106	3113	3131	rVB4	35805	136901	2.90%	0.377%
17	20.710	3161	3166	3172	rVB	94299	124567	2.64%	0.343%
18	21.027	3213	3220	3228	rBV	701439	971131	20.58%	2.676%
19	21.151	3235	3241	3247	rBV	147934	229446	4.86%	0.632%
20	21.645	3319	3325	3337	rBV	149706	269881	5.72%	0.744%
21	21.851	3353	3360	3377	rVB5	20436	84357	1.79%	0.232%
22	22.227	3417	3424	3438	rVB2	97888	202260	4.29%	0.557%
23	22.892	3531	3537	3546	rBV3	39720	91590	1.94%	0.252%
24	23.686	3666	3672	3682	rVB4	21073	52534	1.11%	0.145%

Sum of corrected areas: 36294430

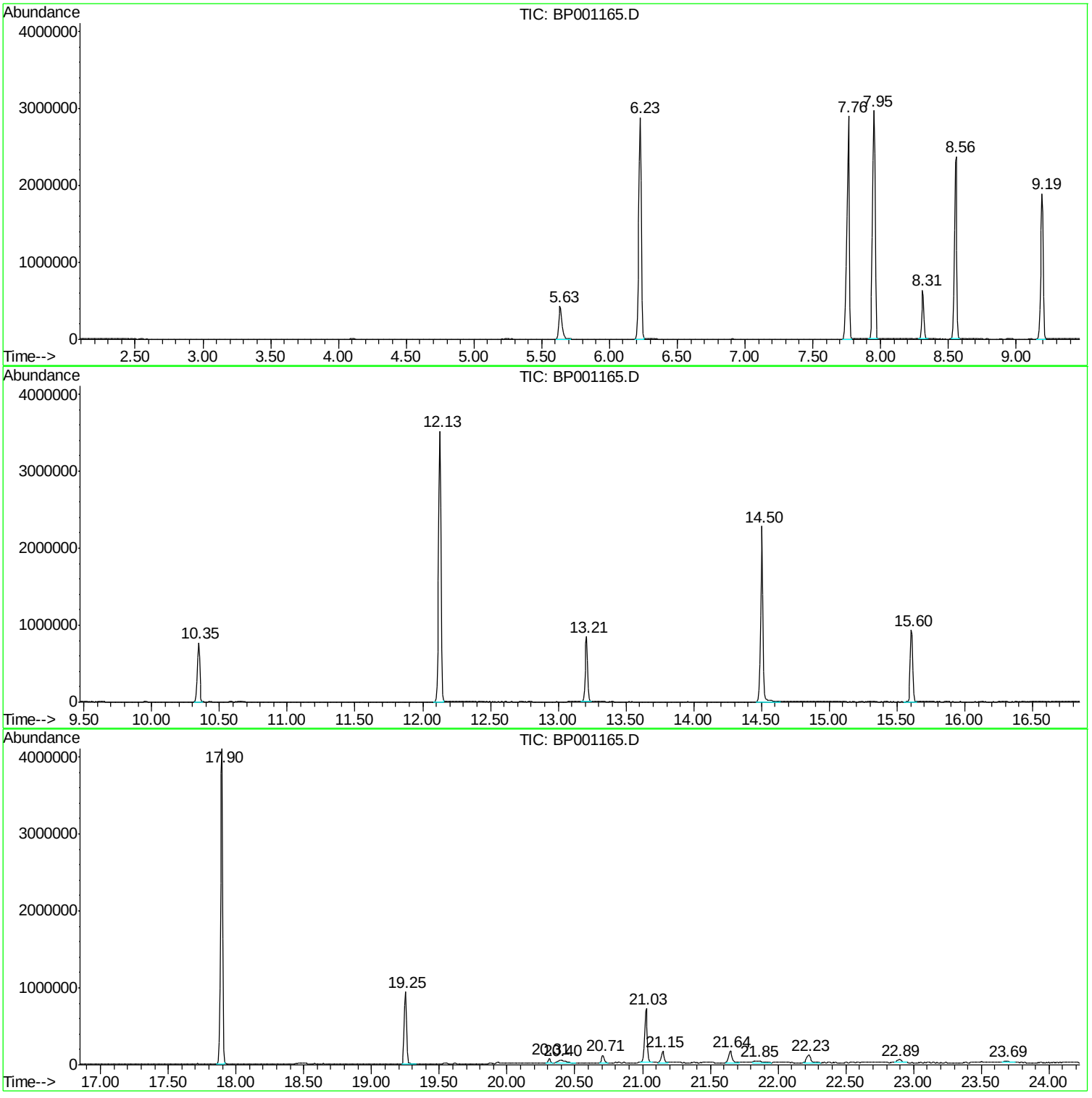
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001165.D
Acq On : 03 Dec 2019 20:09
Operator : JU
Sample : PB125130BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125130BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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\BP120319\
Data File : BP001165.D
Acq On : 03 Dec 2019 20:09
Operator : JU
Sample : PB125130BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125130BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

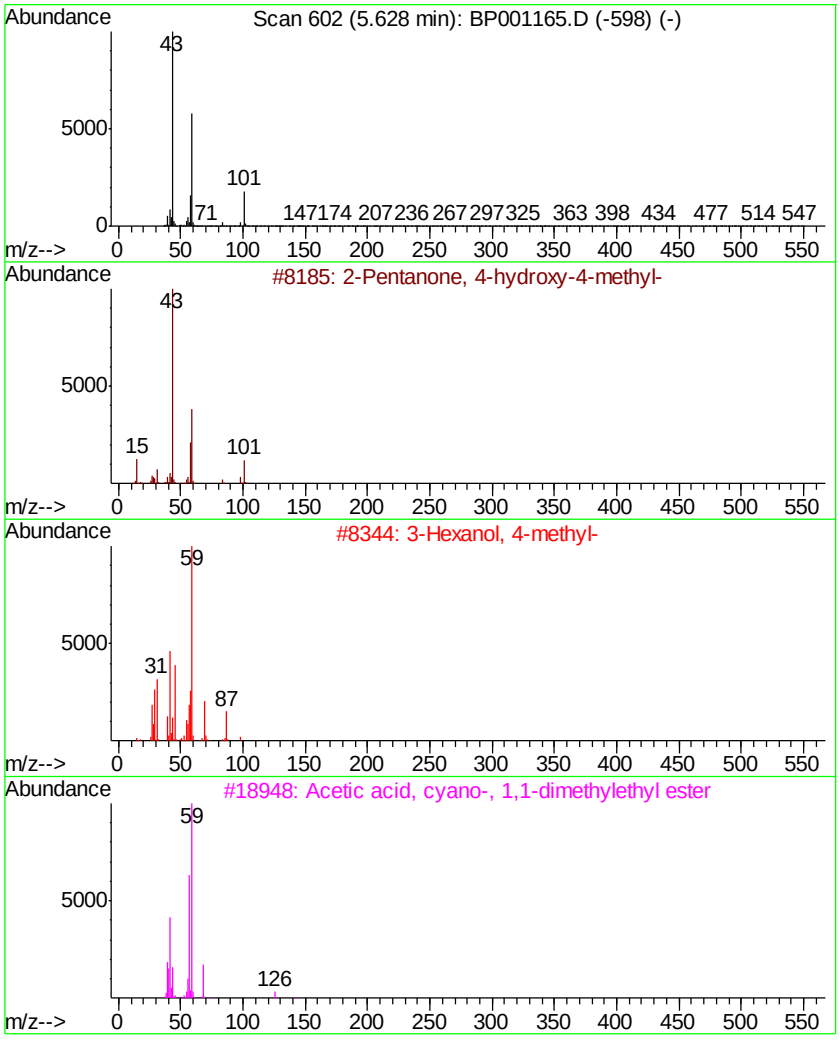
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

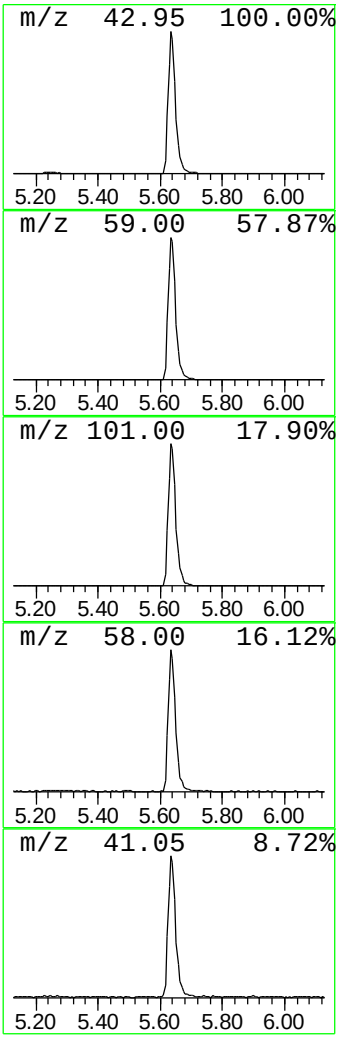
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	19.52 ng	716853	1,4-Dichlorobenzene-d4	8.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001165.D
Acq On : 03 Dec 2019 20:09
Operator : JU
Sample : PB125130BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125130BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

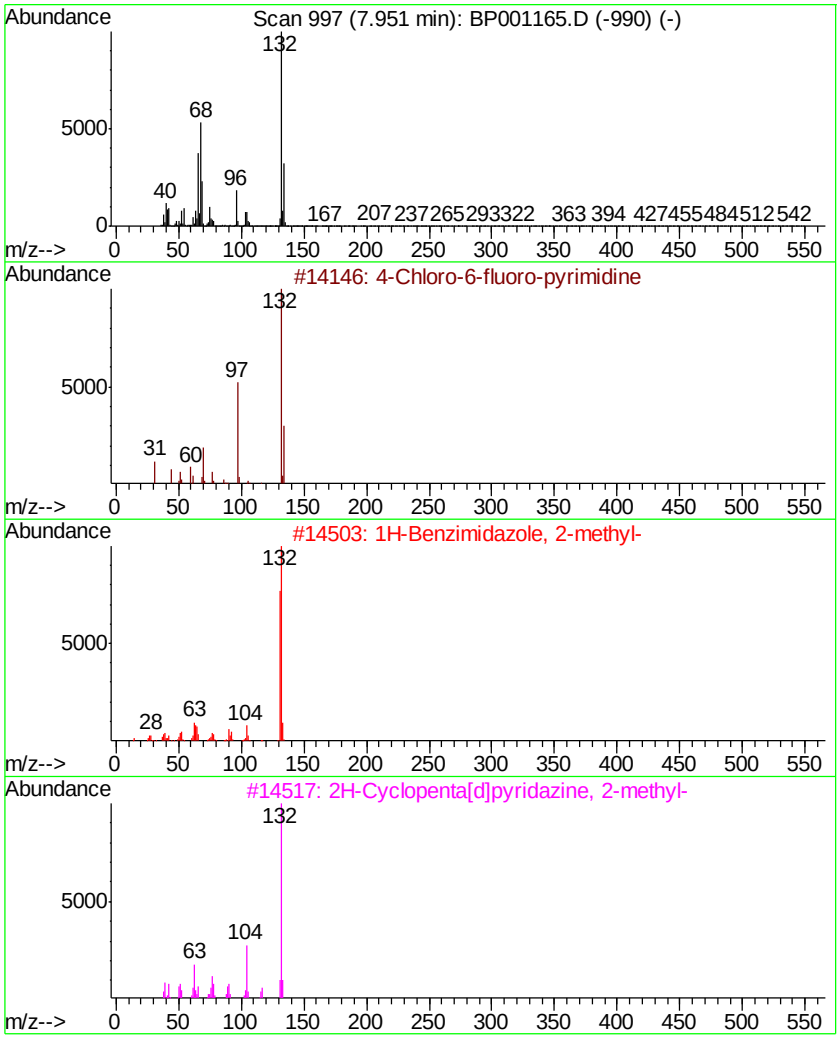
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

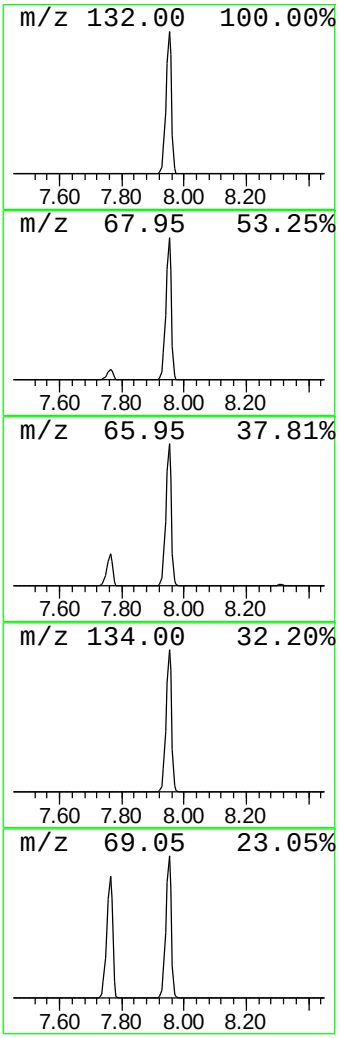
****

Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	102.44 ng	3762110	1,4-Dichlorobenzene-d4	8.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001165.D
Acq On : 03 Dec 2019 20:09
Operator : JU
Sample : PB125130BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125130BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

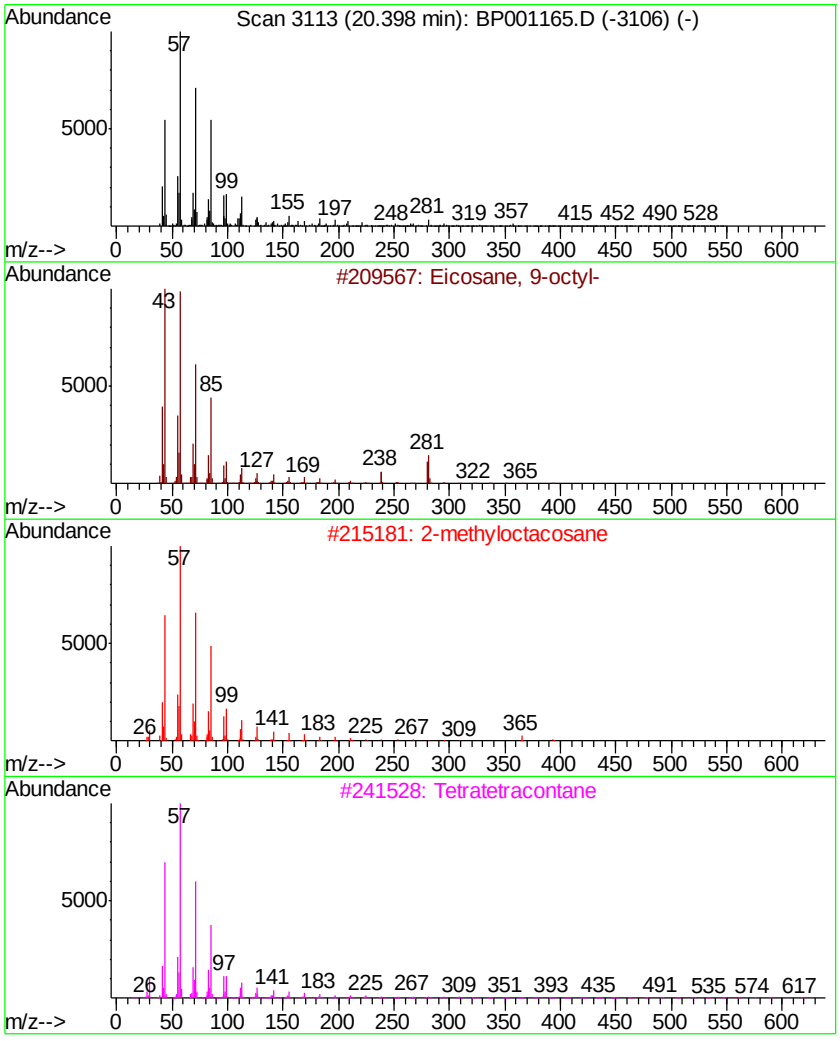
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

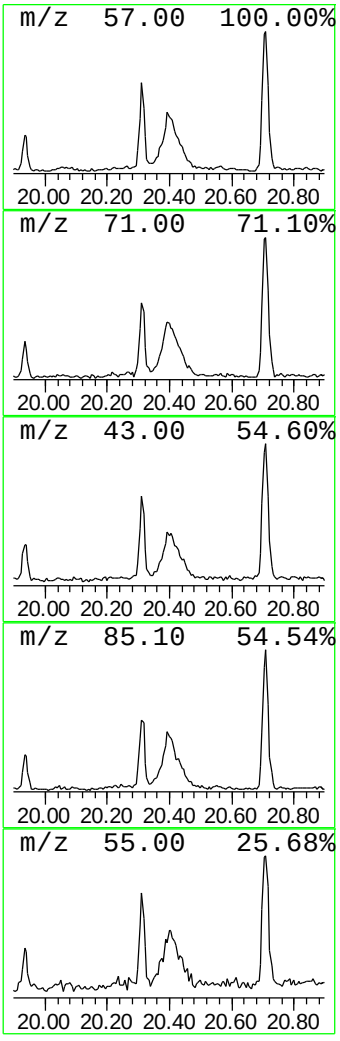
****

Peak Number 4 Eicosane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	2.82 ng	136901	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	86
3	Tetratetracontane	619	C44H90	007098-22-8	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Octadecane	254	C18H38	000593-45-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001165.D
Acq On : 03 Dec 2019 20:09
Operator : JU
Sample : PB125130BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125130BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

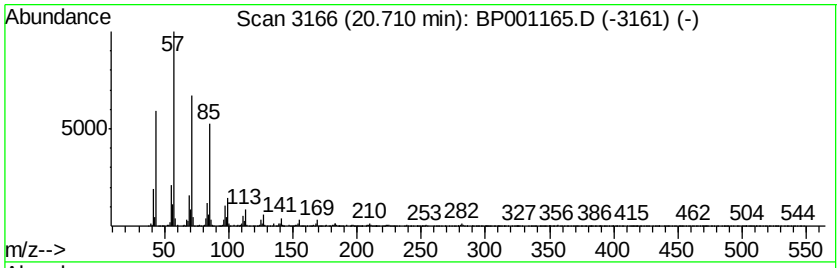
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

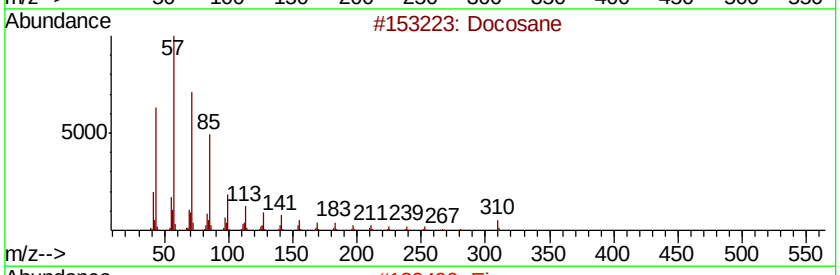
****

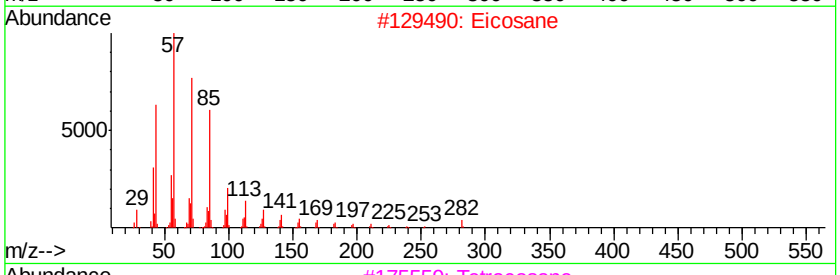
Peak Number 5 Docosane Concentration Rank 8

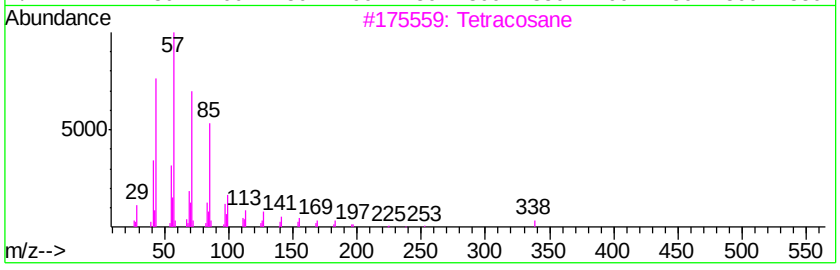
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	2.57 ng	124567	Perylene-d12	21.03

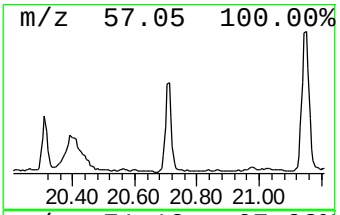
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Eicosane	282	C20H42	000112-95-8	94
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91

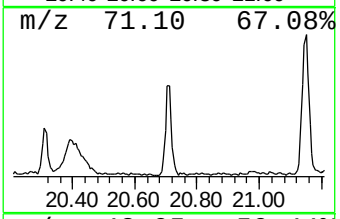


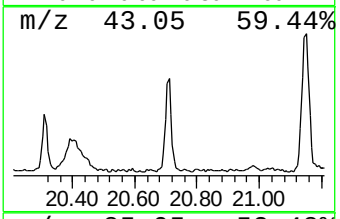


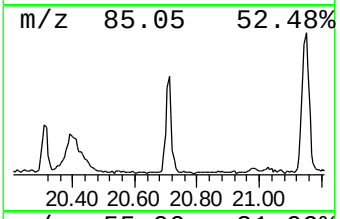


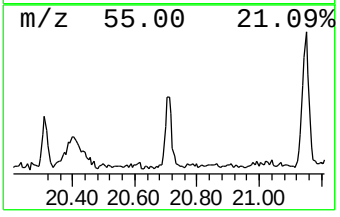












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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125130BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

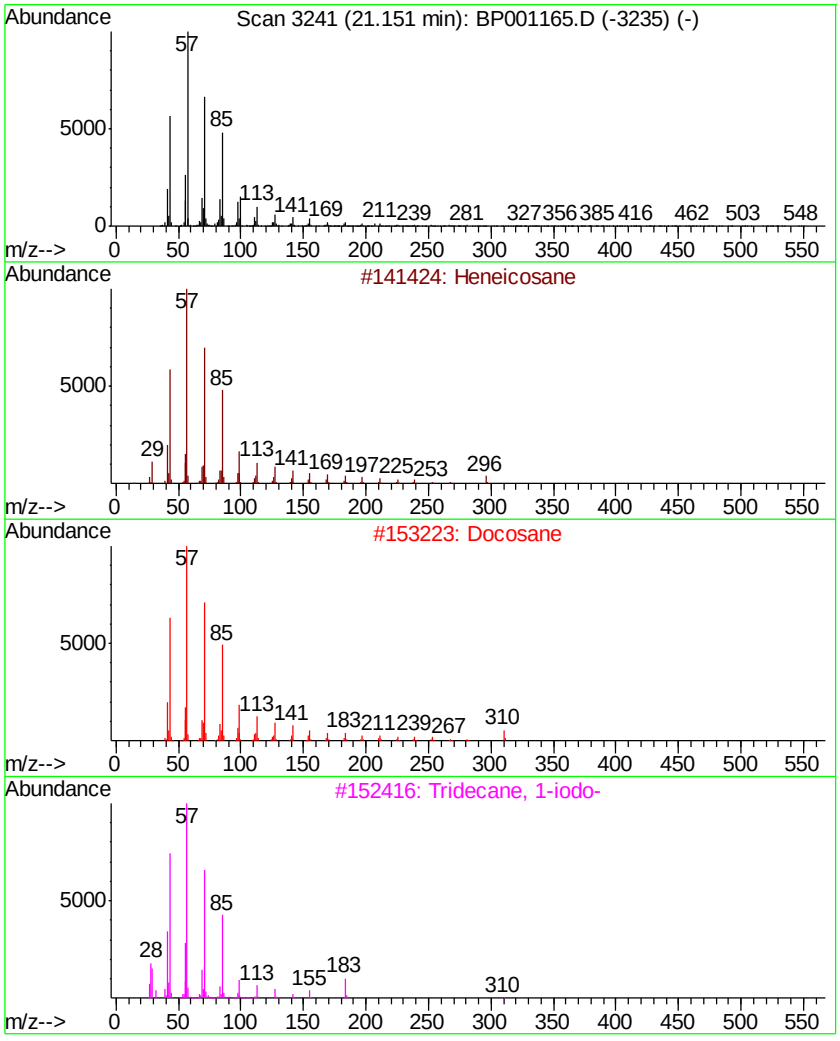
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

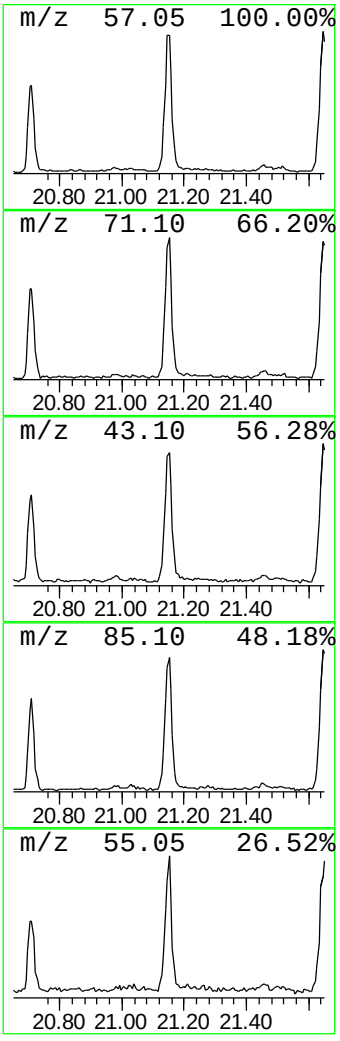
****

Peak Number 6 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	4.73 ng	229446	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Docosane	310	C22H46	000629-97-0	97
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001165.D
Acq On : 03 Dec 2019 20:09
Operator : JU
Sample : PB125130BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125130BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

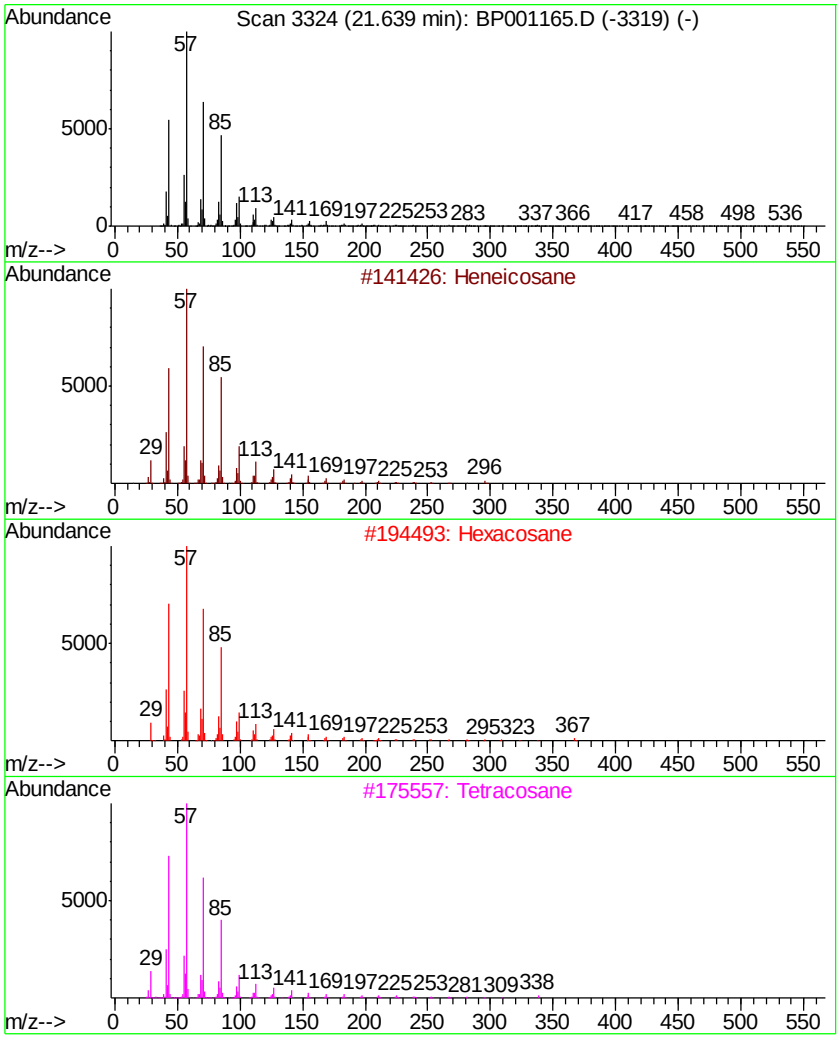
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

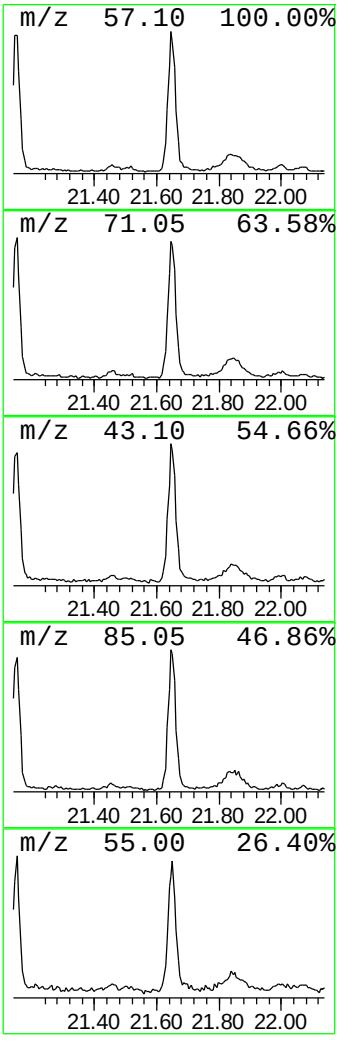
****

Peak Number 7 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	5.56 ng	269881	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane	338	C24H50	000646-31-1	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Hexadecane	226	C16H34	000544-76-3	83





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Data File : BP001165.D
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Sample : PB125130BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125130BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

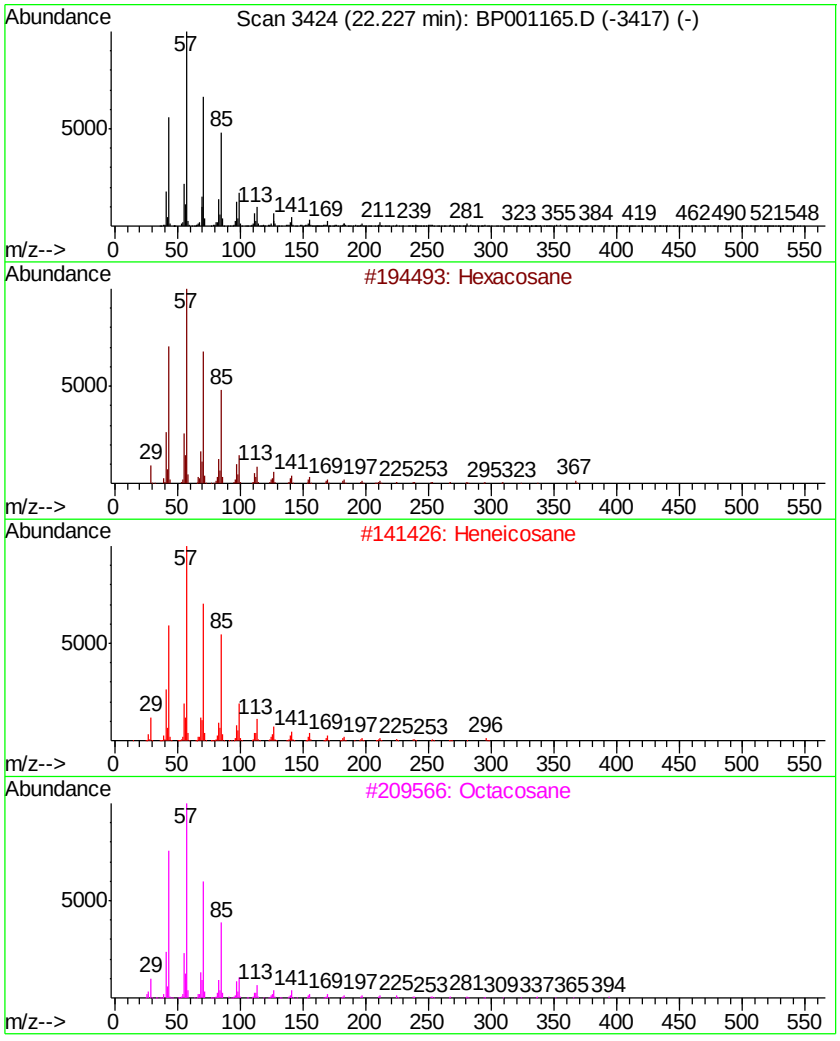
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

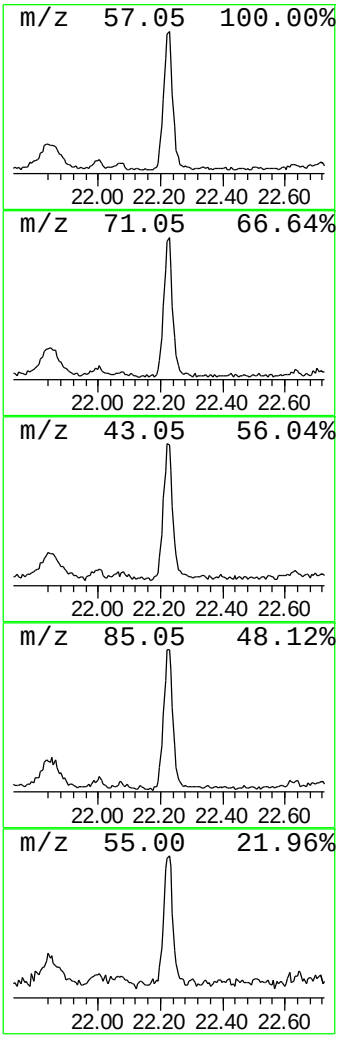
****

Peak Number 8 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	4.17 ng	202260	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120319\
Data File : BP001165.D
Acq On : 03 Dec 2019 20:09
Operator : JU
Sample : PB125130BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125130BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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
2-Pentanone, 4-hy...	5.63	19.5	ng	716853	1	8.31	734473	20.0
unknown7.95	7.95	102.4	ng	3762110	1	8.31	734473	20.0
Eicosane, 9-octyl-	20.40	2.8	ng	136901	6	21.03	971131	20.0
Docosane	20.71	2.6	ng	124567	6	21.03	971131	20.0
Heneicosane	21.15	4.7	ng	229446	6	21.03	971131	20.0
Hexacosane	21.64	5.6	ng	269881	6	21.03	971131	20.0
Octacosane	22.23	4.2	ng	202260	6	21.03	971131	20.0