LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001618.D
Acq On : 15 Jan 2020 20:13
Operator : JU
Sample : L1123-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-01-COMP

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	2.875	9	15	24	rBV	181641	341131	20.94%	3.056%
2	2.952	24	28	40	rVB	205013	242084	14.86%	2.169%
3	3.905	187	190	197	rVB	30974	42330	2.60%	0.379%
4	4.799	338	342	350	rBV	135028	176378	10.83%	1.580%
5	5.263	415	421	434	rVB	536405	786591	48.29%	7.047%
6	6.828	680	687	699	rBV	584121	923868	56.72%	8.277%
7	7.175	739	746	757	rBV	557816	878120	53.91%	7.867%
8	7.634	818	824	834	rVB	150839	239270	14.69%	2.144%
9	7.951	870	878	887	rBV	426476	680971	41.81%	6.101%
10	8.781	1011	1019	1036	rBV	329781	569530	34.97%	5.103%
11	10.410	1287	1296	1306	rBV	167474	292804	17.98%	2.623%
12	12.898	1712	1719	1733	rBV	761452	1119264	68.72%	10.028%
13	13.745	1856	1863	1874	rBV	54179	85448	5.25%	0.766%
14	14.280	1947	1954	1964	rBV2	256472	388513	23.85%	3.481%
15	15.780	2201	2209	2223	rBV	602864	883549	54.25%	7.916%
16	17.045	2417	2424	2432	rBV	309429	456688	28.04%	4.092%
17	17.174	2440	2446	2455	rVB8	9202	16800	1.03%	0.151%
18	17.974	2576	2582	2589	rBV3	20797	36372	2.23%	0.326%
19	19.633	2858	2864	2877	rBV	1366421	1628802	100.00%	14.593%
20	20.898	3074	3079	3092	rBV	87047	166204	10.20%	1.489%
21	21.145	3116	3121	3131	rBV	385030	513283	31.51%	4.599%
22	22.233	3304	3306	3312	rVB3	20616	27874	1.71%	0.250%
23	22.368	3326	3329	3333	rVB2	16878	20781	1.28%	0.186%
24	22.751	3391	3394	3400	rVB	31651	42985	2.64%	0.385%
25	23.327	3488	3492	3495	rBV2	39200	66449	4.08%	0.595%
26	23.380	3495	3501	3513	rVB	234295	467181	28.68%	4.186%
27	23.992	3601	3605	3611	rVB	37073	68205	4.19%	0.611%

Sum of corrected areas: 11161475

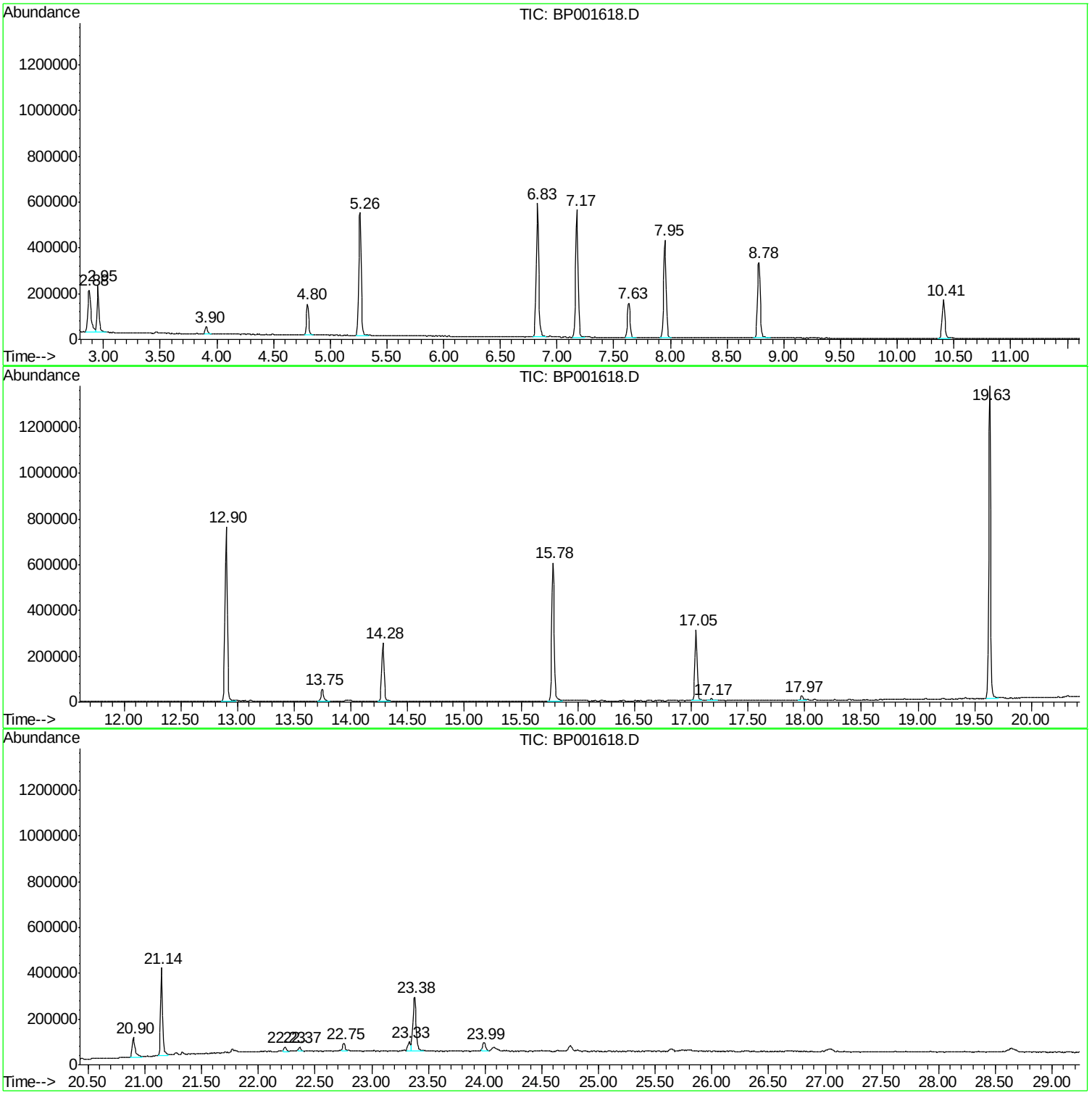
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001618.D
Acq On : 15 Jan 2020 20:13
Operator : JU
Sample : L1123-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-01-COMP

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\BP011520\
Data File : BP001618.D
Acq On : 15 Jan 2020 20:13
Operator : JU
Sample : L1123-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-01-COMP

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

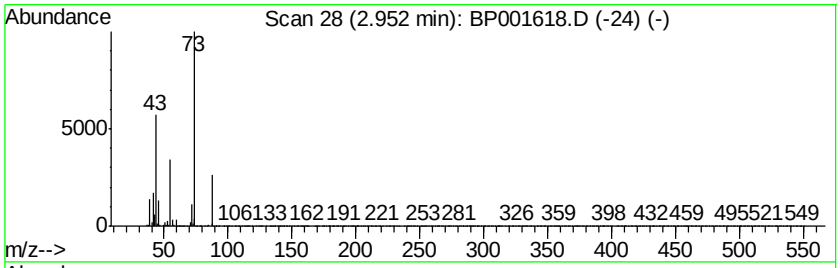
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

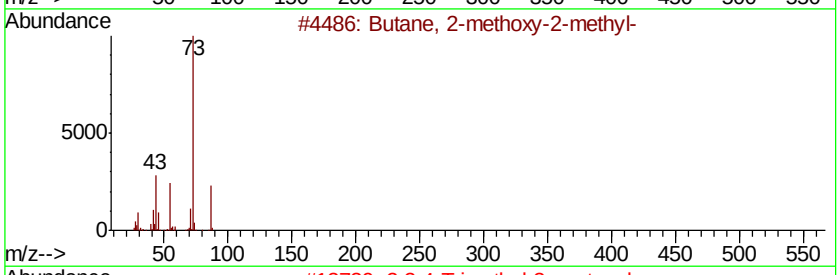
****

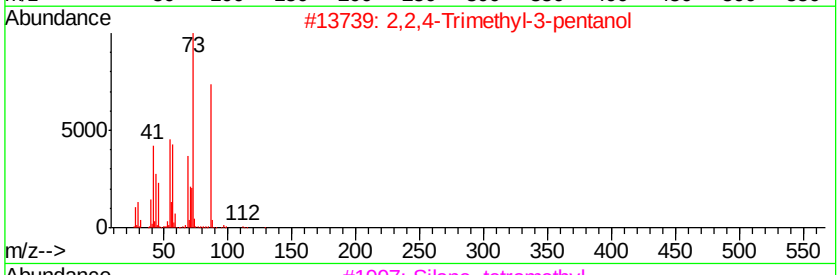
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

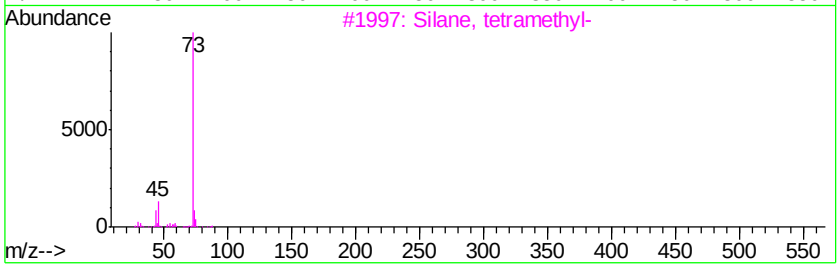
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	20.24 ng	242084	1,4-Dichlorobenzene-d4	7.63

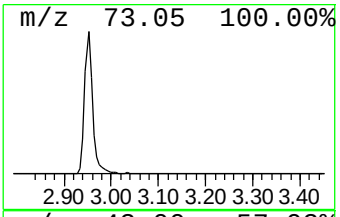
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9

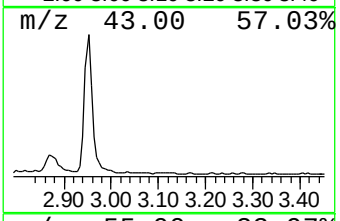


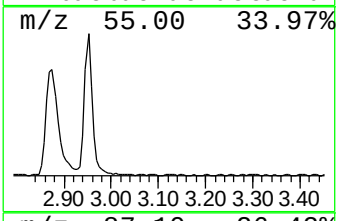


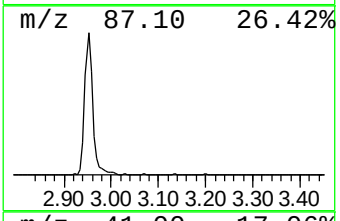


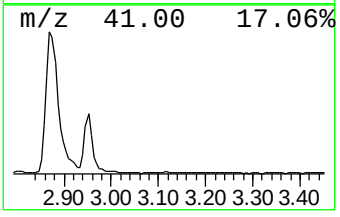












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001618.D
Acq On : 15 Jan 2020 20:13
Operator : JU
Sample : L1123-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-01-COMP

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

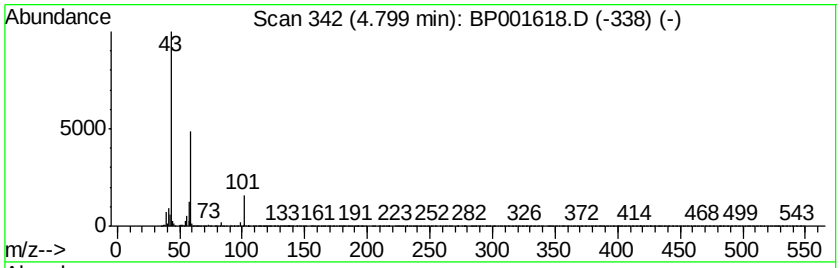
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

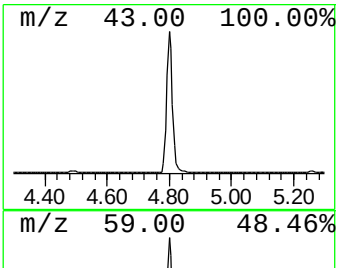
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	14.74 ng	176378	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9
5	Allyl acetate	100	C5H8O2	000591-87-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001618.D
Acq On : 15 Jan 2020 20:13
Operator : JU
Sample : L1123-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-01-COMP

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

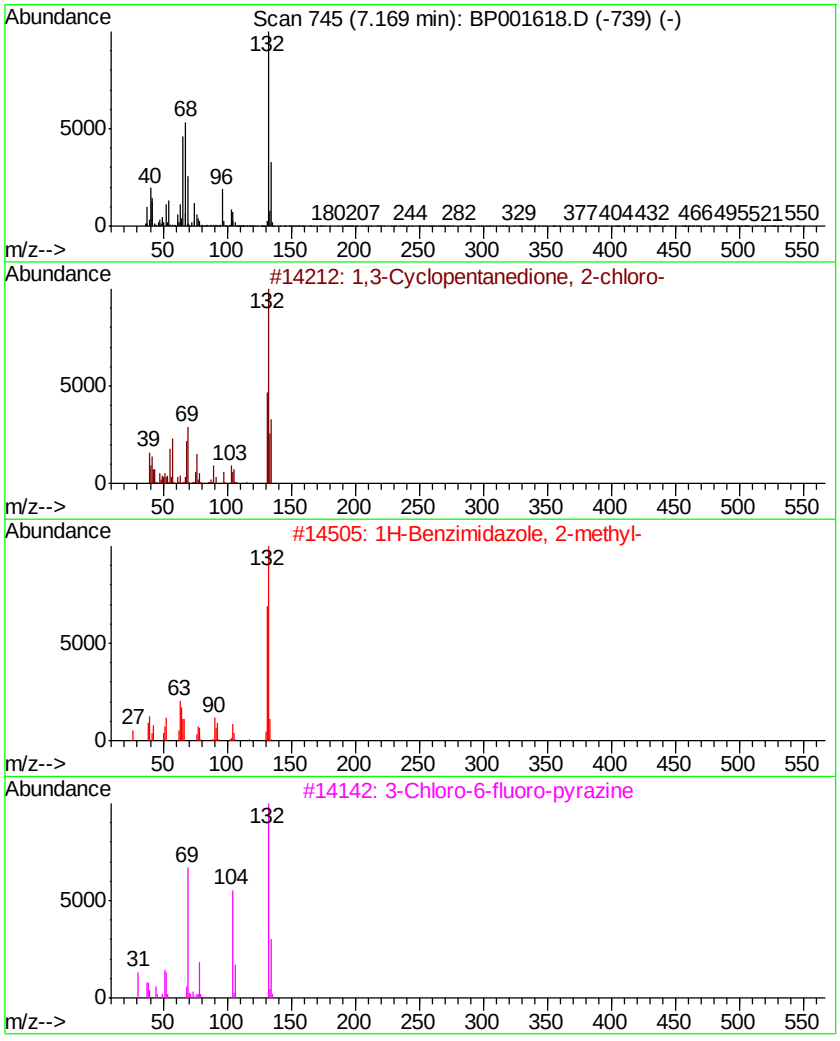
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

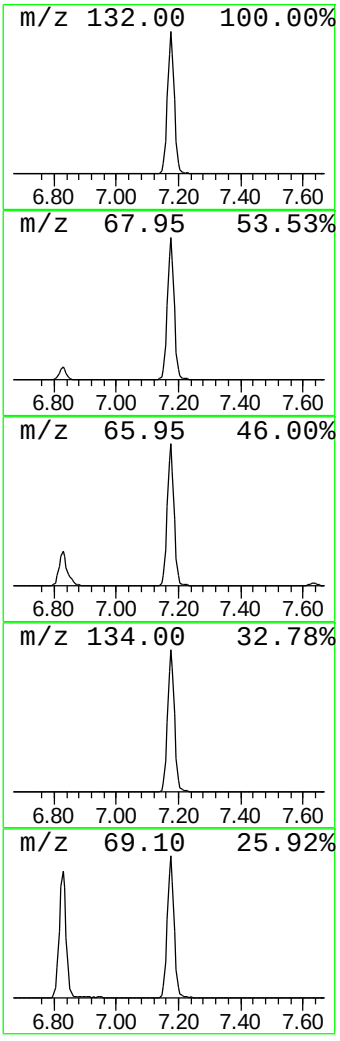
****

Peak Number 5 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	73.40 ng	878120	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	18
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	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001618.D
Acq On : 15 Jan 2020 20:13
Operator : JU
Sample : L1123-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-01-COMP

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

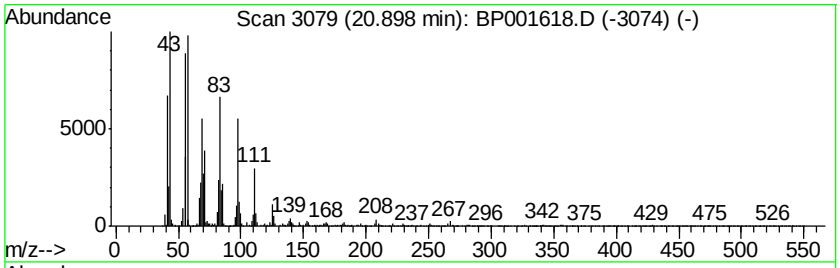
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

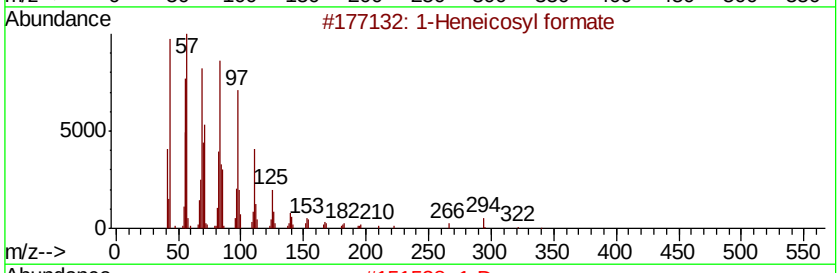
****

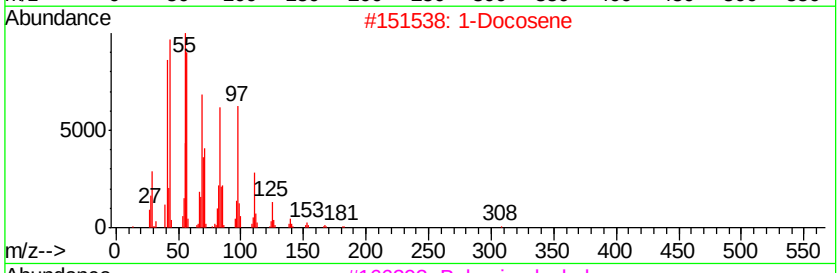
Peak Number 7 1-Heneicosyl formate Concentration Rank 6

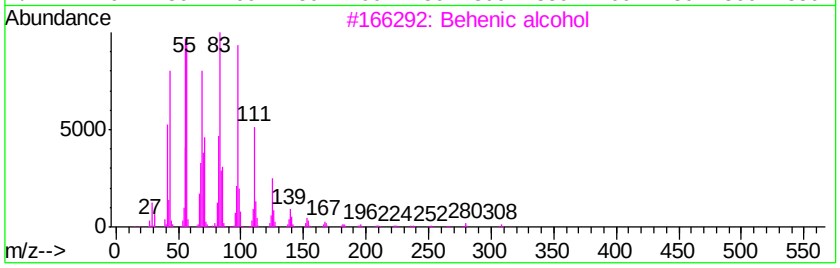
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.48 ng	166204	Chrysene-d12	21.14

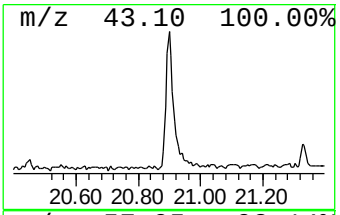
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
2	1-Docosene	308	C22H44	001599-67-3	95
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91

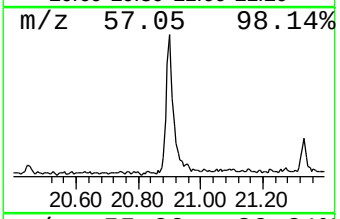


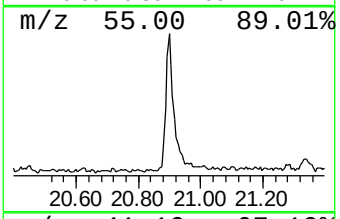


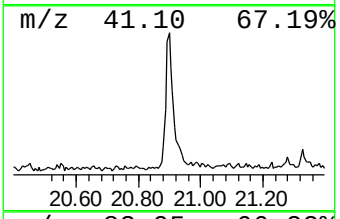


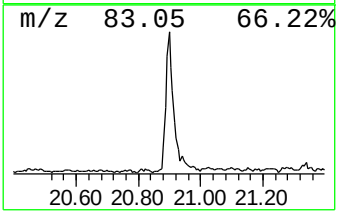












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001618.D
Acq On : 15 Jan 2020 20:13
Operator : JU
Sample : L1123-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-01-COMP

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

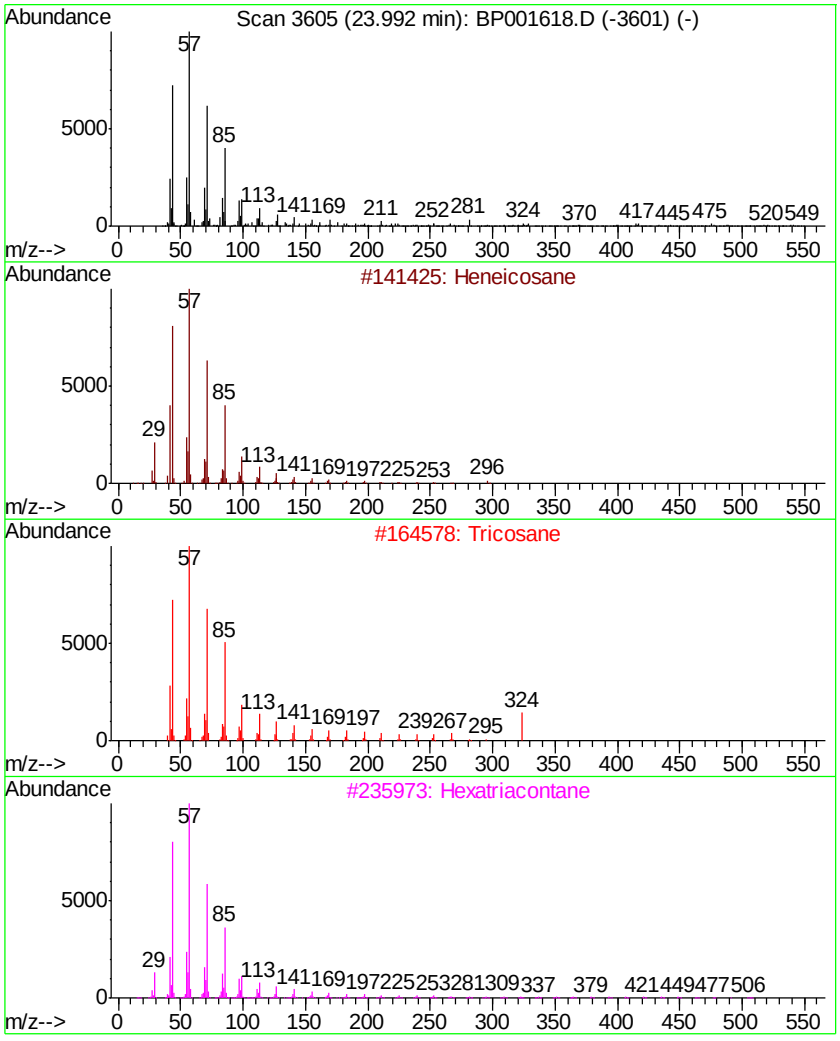
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

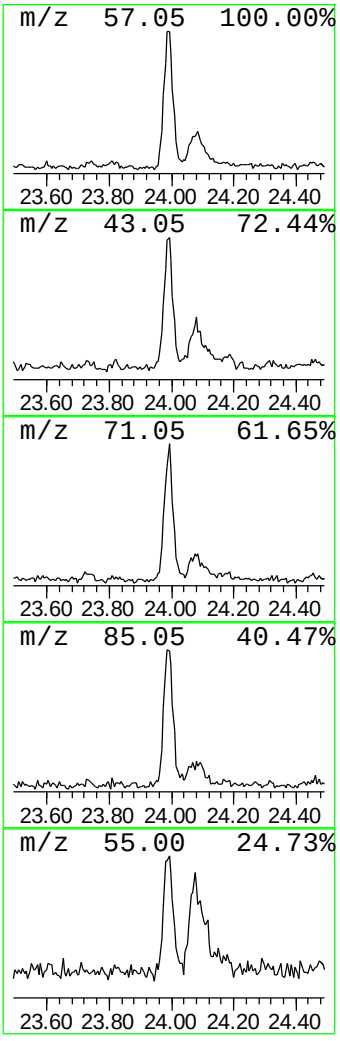
****

Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.92 ng	68205	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Tricosane	324	C23H48	000638-67-5	94
3	Hexatriacontane	507	C36H74	000630-06-8	94
4	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	94
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011520\
Data File : BP001618.D
Acq On : 15 Jan 2020 20:13
Operator : JU
Sample : L1123-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-01-COMP

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	20.2	ng	242084	1	7.63	239270	20.0
2-Pentanone, 4-hy...	4.80	14.7	ng	176378	1	7.63	239270	20.0
unknown7.17	7.17	73.4	ng	878120	1	7.63	239270	20.0
1-Heneicosyl formate	20.90	6.5	ng	166204	5	21.14	513283	20.0
Heneicosane	23.99	2.9	ng	68205	6	23.37	467181	20.0