LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001375.D
Acq On : 23 Dec 2019 19:08
Operator : JU
Sample : K6401-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B39

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-BP121919.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	5.616	595	600	616	rVB	185453	300236	17.02%	1.989%
2	6.216	696	702	718	rBV	1068110	1380796	78.28%	9.147%
3	7.758	957	964	979	rBV	1085499	1512907	85.76%	10.022%
4	7.940	989	995	1005	rBV	1194498	1490045	84.47%	9.871%
5	8.299	1051	1056	1065	rBV	335047	395298	22.41%	2.619%
6	8.546	1092	1098	1105	rBV	973022	1174210	66.56%	7.778%
7	8.722	1124	1128	1135	rBV	36601	42717	2.42%	0.283%
8	8.981	1168	1172	1175	rBV	14419	22381	1.27%	0.148%
9	9.187	1199	1207	1211	rBV	746385	935825	53.05%	6.199%
10	10.334	1393	1402	1411	rBV	388644	454176	25.75%	3.009%
11	12.116	1699	1705	1725	rBV	1356093	1723679	97.71%	11.418%
12	12.787	1814	1819	1837	rVB	147811	183971	10.43%	1.219%
13	13.204	1883	1890	1903	rBV	404777	533799	30.26%	3.536%
14	14.498	2103	2110	2123	rBV	910808	1181282	66.97%	7.825%
15	15.604	2288	2298	2308	rBV	441659	549934	31.18%	3.643%
16	15.739	2317	2321	2326	rBV3	24612	29109	1.65%	0.193%
17	16.492	2444	2449	2462	rBV2	47049	74208	4.21%	0.492%
18	17.892	2681	2687	2691	rBV	1604825	1764018	100.00%	11.686%
19	19.122	2891	2896	2911	rBV2	59759	120316	6.82%	0.797%
20	19.251	2913	2918	2931	rVB	416677	470840	26.69%	3.119%
21	19.539	2964	2967	2973	rBV	18894	20128	1.14%	0.133%
22	19.933	3030	3034	3043	rVB	27436	38373	2.18%	0.254%
23	20.310	3094	3098	3102	rBV	37139	41050	2.33%	0.272%
24	20.386	3108	3111	3118	rVB	20454	28193	1.60%	0.187%
25	20.704	3161	3165	3169	rBV	40730	52633	2.98%	0.349%
26	21.027	3213	3220	3234	rVB	300488	435326	24.68%	2.884%
27	21.145	3235	3240	3247	rVB	39284	59960	3.40%	0.397%
28	21.639	3319	3324	3330	rBV2	27929	45953	2.61%	0.304%
29	22.210	3418	3421	3431	rVB2	17480	34266	1.94%	0.227%

Sum of corrected areas: 15095629

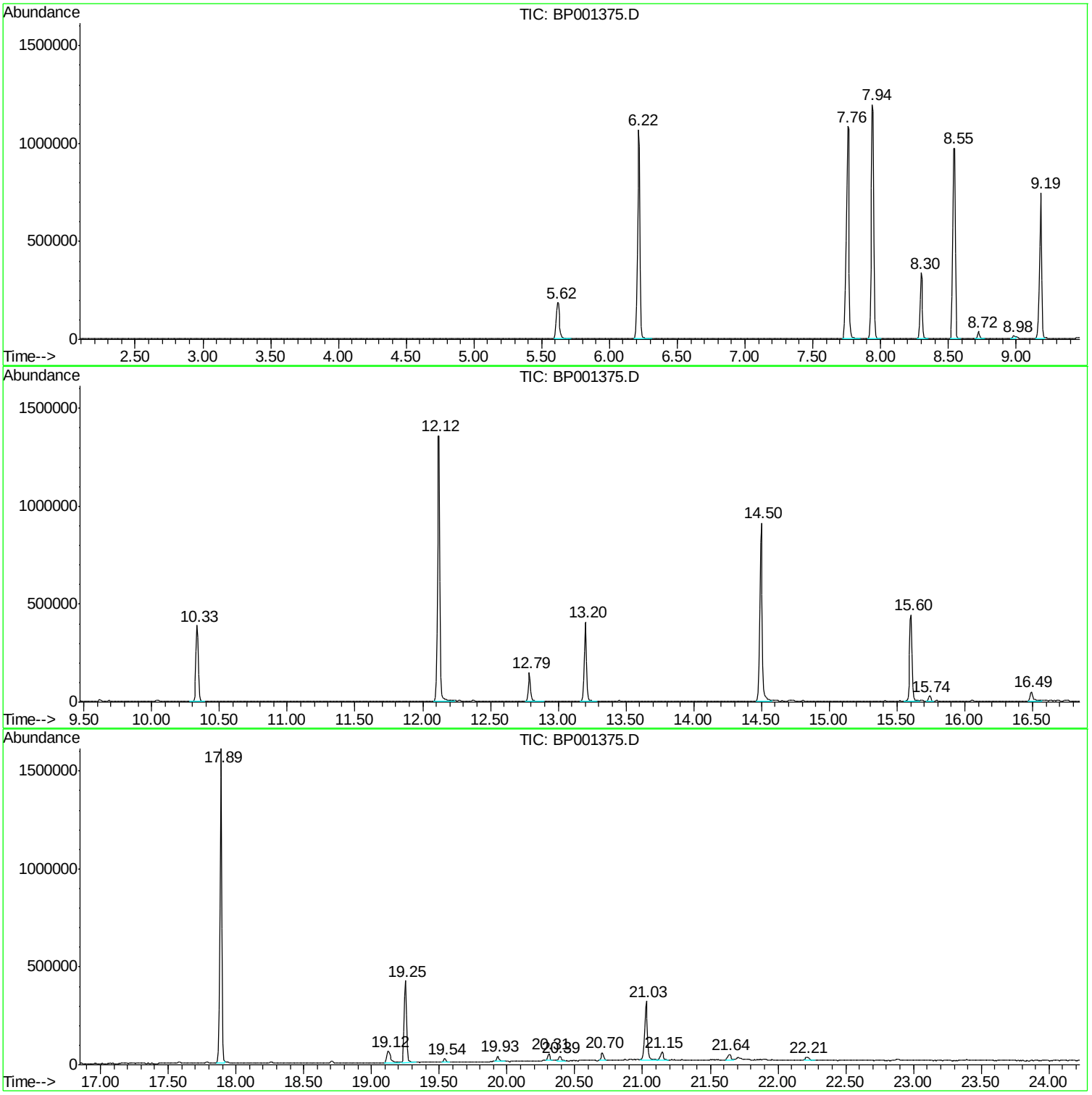
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001375.D
Acq On : 23 Dec 2019 19:08
Operator : JU
Sample : K6401-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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\BP122319\
Data File : BP001375.D
Acq On : 23 Dec 2019 19:08
Operator : JU
Sample : K6401-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

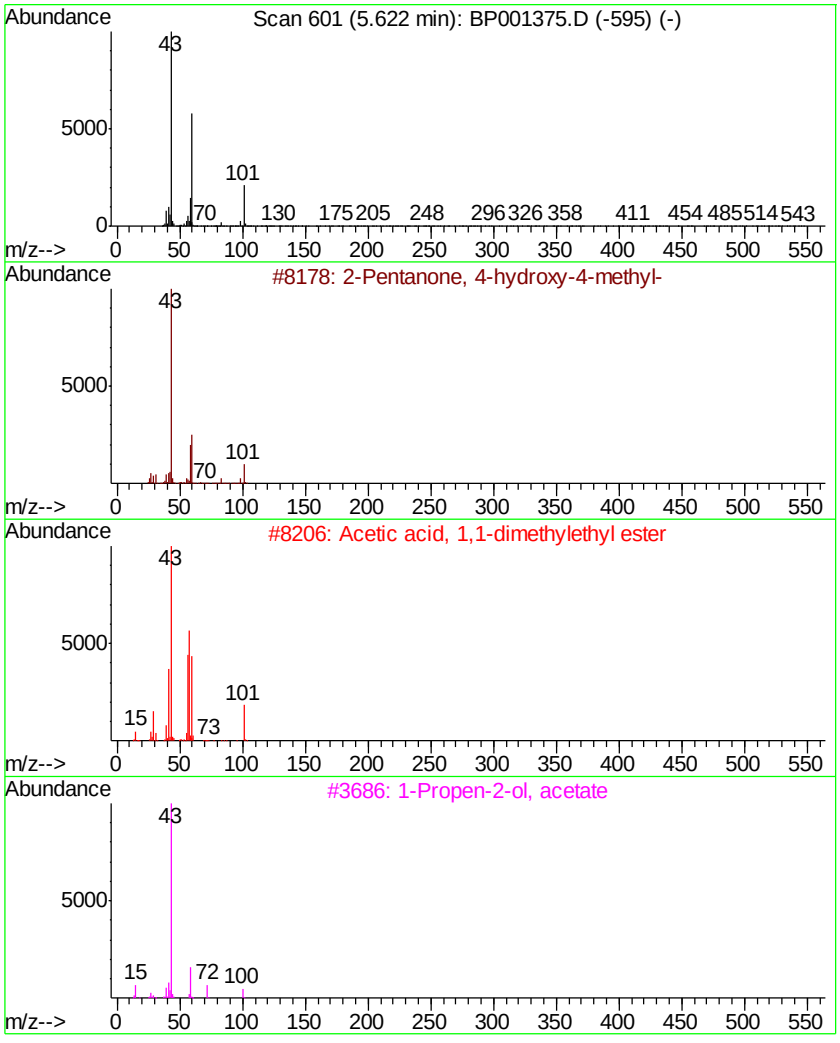
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

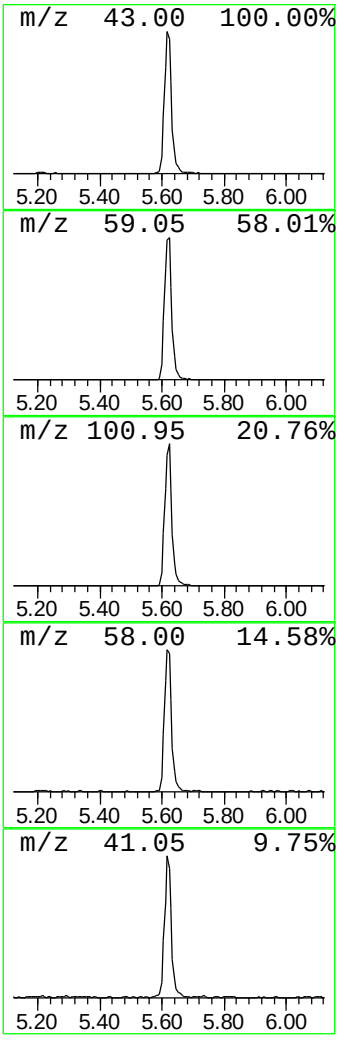
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	15.19 ng	300236	1,4-Dichlorobenzene-d4	8.30

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	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001375.D
Acq On : 23 Dec 2019 19:08
Operator : JU
Sample : K6401-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

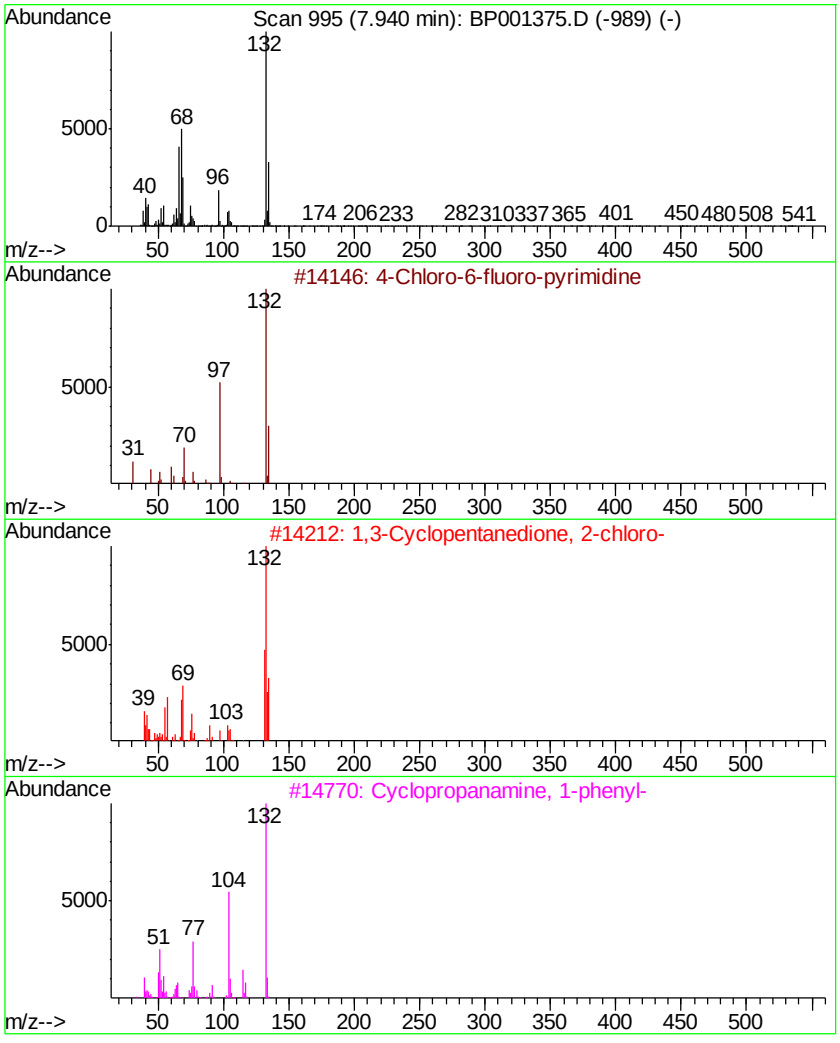
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

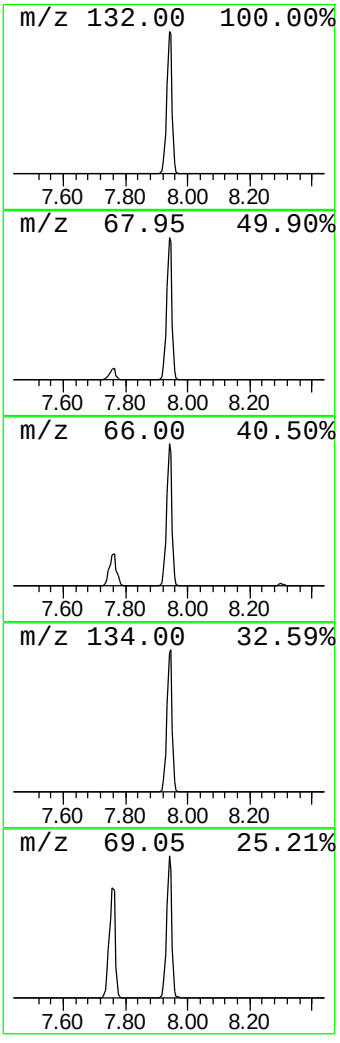
****

Peak Number 2 unknown7.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	75.39 ng	1490050	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001375.D
Acq On : 23 Dec 2019 19:08
Operator : JU
Sample : K6401-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

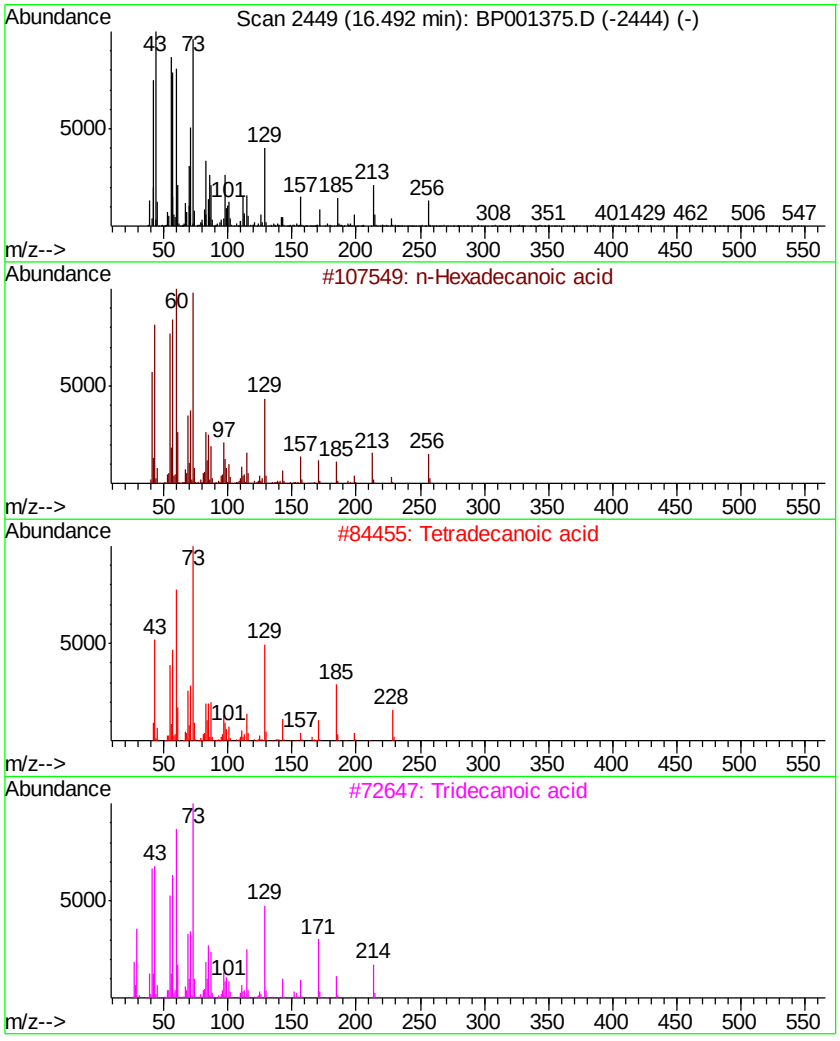
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

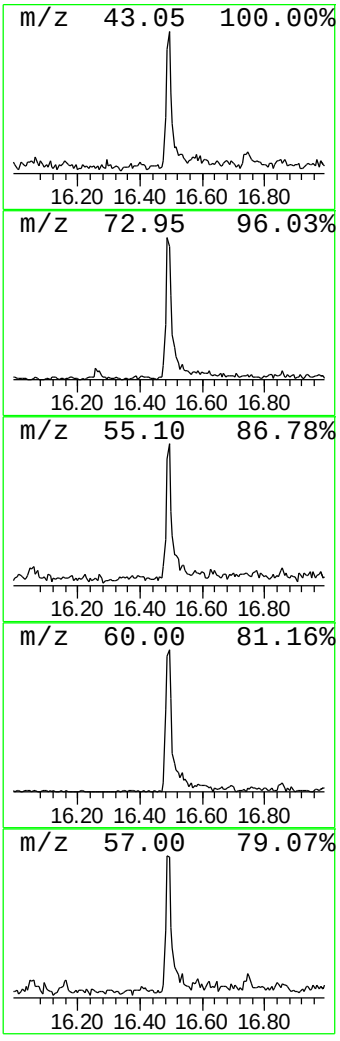
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.70 ng	74208	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001375.D
Acq On : 23 Dec 2019 19:08
Operator : JU
Sample : K6401-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

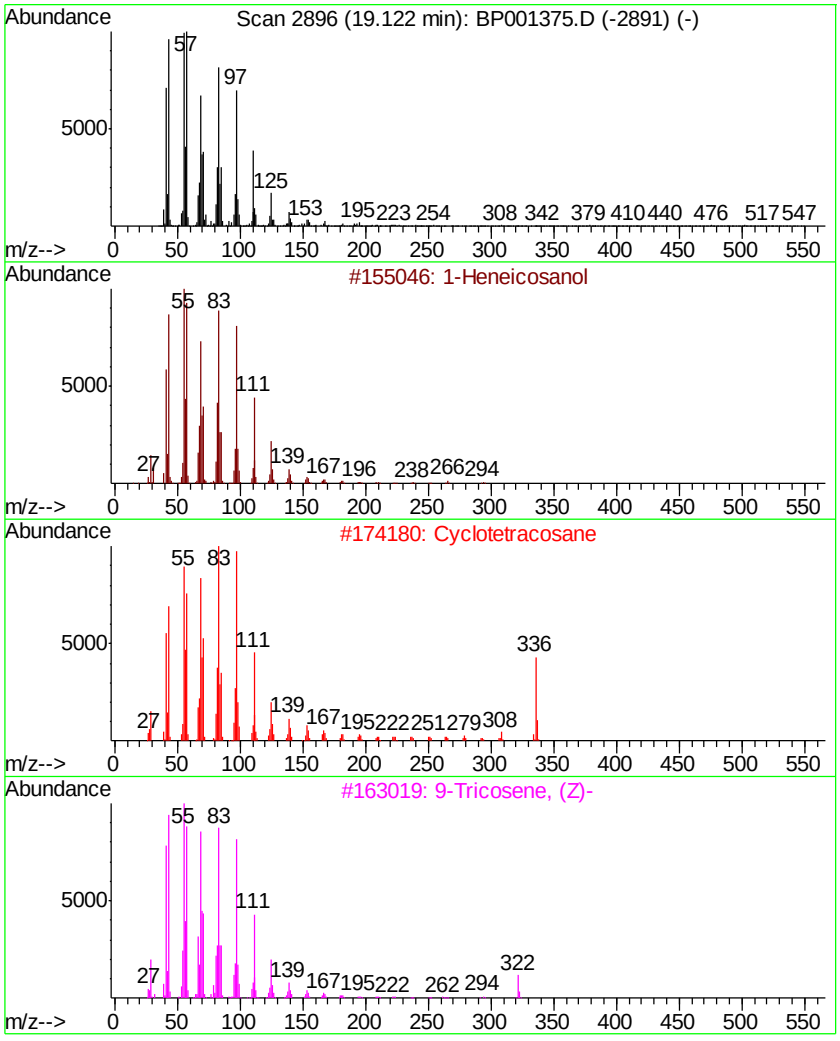
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

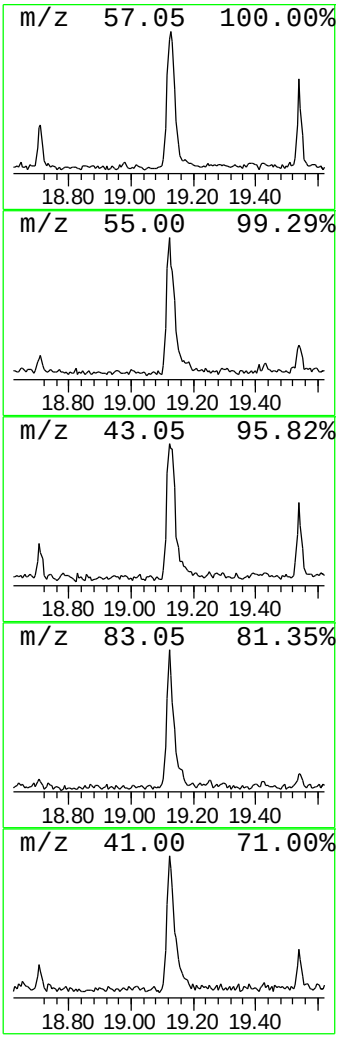
****

Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	5.11 ng	120316	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001375.D
Acq On : 23 Dec 2019 19:08
Operator : JU
Sample : K6401-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

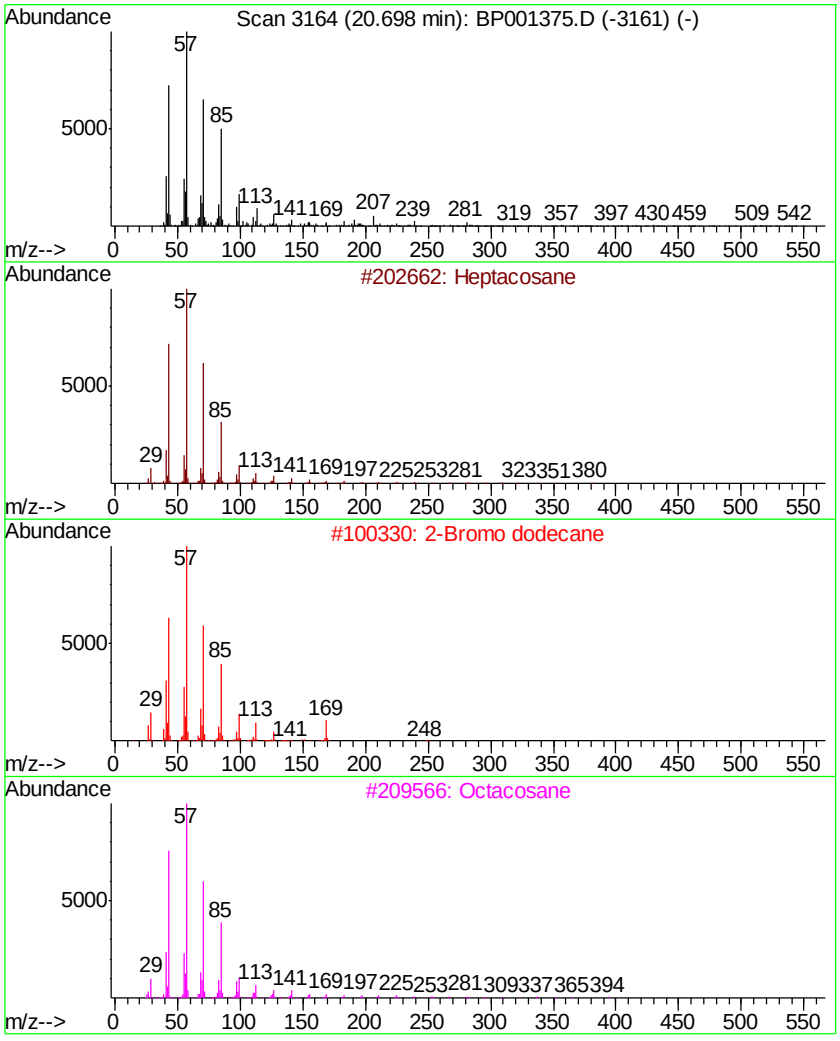
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

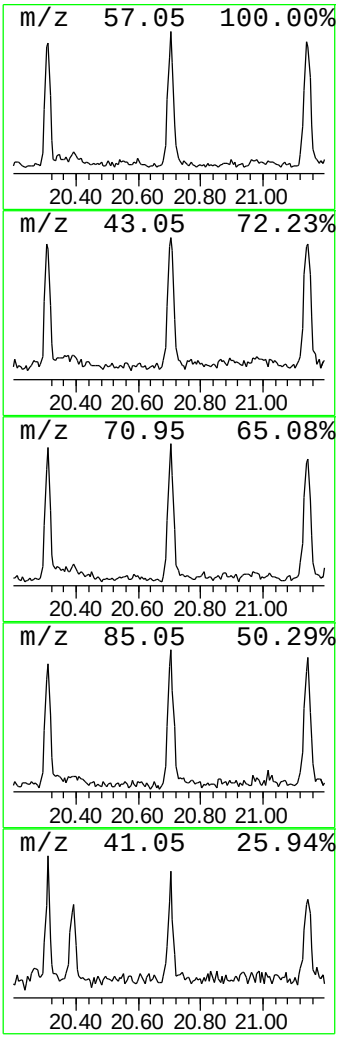
****

Peak Number 6 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	2.42 ng	52633	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Triacontane	422	C30H62	000638-68-6	87
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001375.D
Acq On : 23 Dec 2019 19:08
Operator : JU
Sample : K6401-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

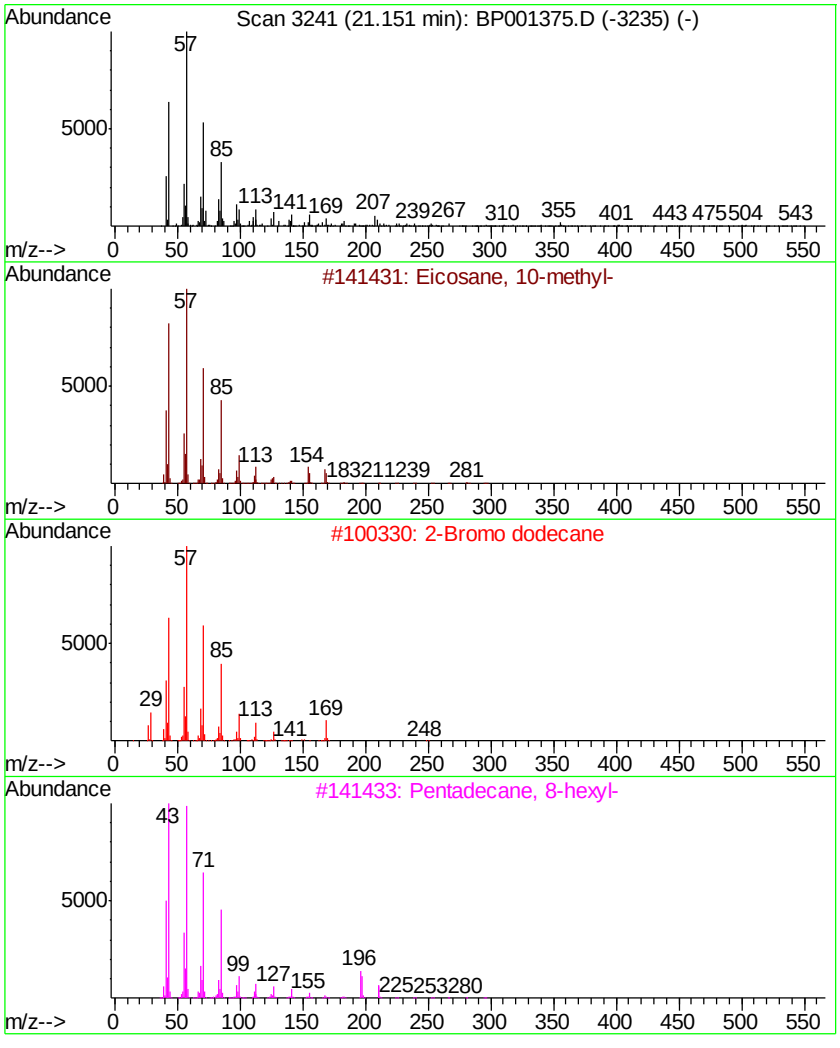
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

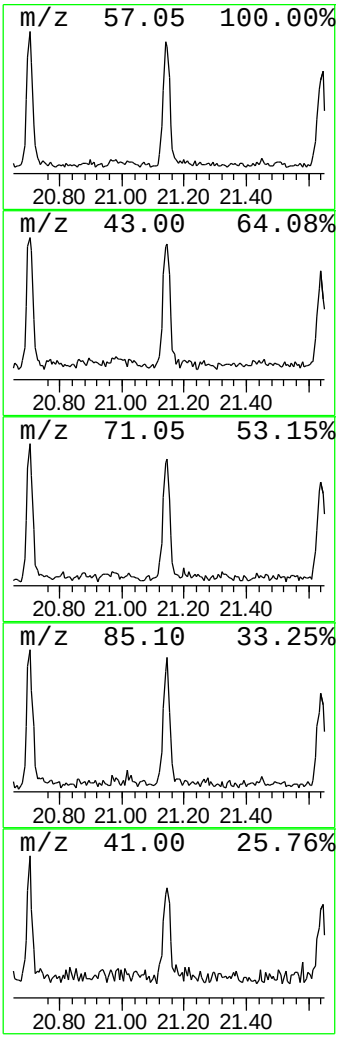
****

Peak Number 7 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.75 ng	59960	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Tricosane	324	C23H48	000638-67-5	91
5	Pentacosane	352	C25H52	000629-99-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001375.D
Acq On : 23 Dec 2019 19:08
Operator : JU
Sample : K6401-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

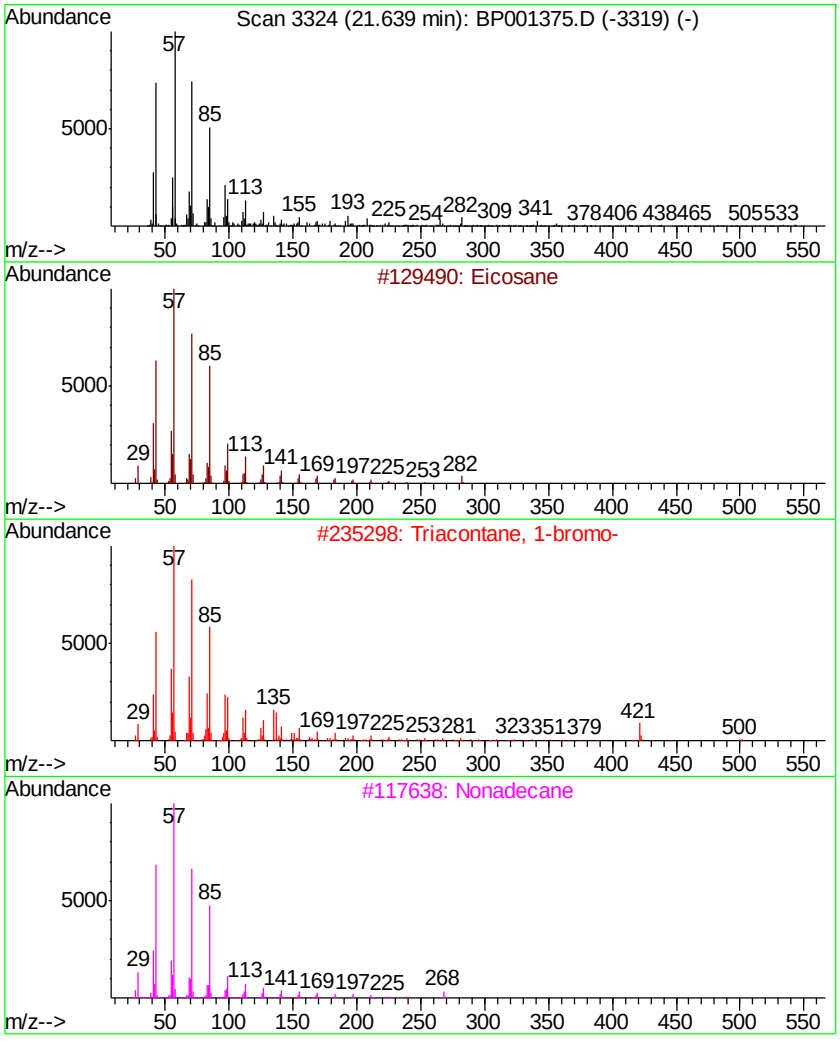
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

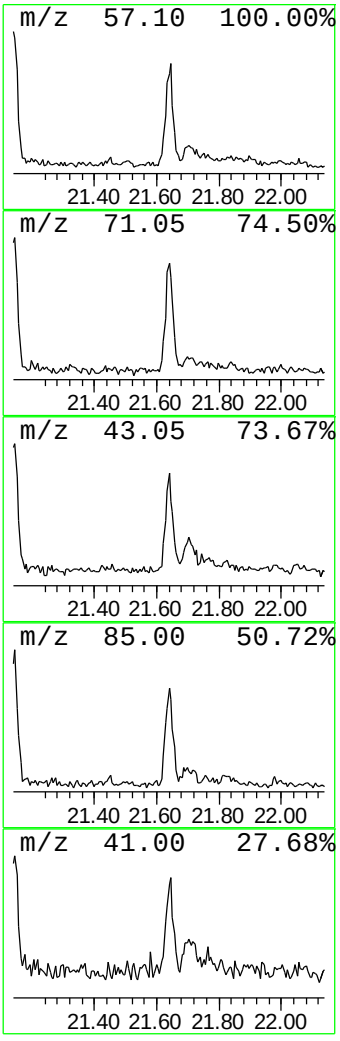
****

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.11 ng	45953	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Hexacosane	366	C26H54	000630-01-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122319\
Data File : BP001375.D
Acq On : 23 Dec 2019 19:08
Operator : JU
Sample : K6401-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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...	5.62	15.2	ng	300236	1	8.30	395298	20.0
unknown7.94	7.94	75.4	ng	1490050	1	8.30	395298	20.0
n-Hexadecanoic acid	16.49	2.7	ng	74208	4	15.60	549934	20.0
1-Heneicosanol	19.12	5.1	ng	120316	5	19.25	470840	20.0
Heptacosane	20.70	2.4	ng	52633	6	21.03	435326	20.0
Eicosane, 10-methyl-	21.15	2.8	ng	59960	6	21.03	435326	20.0
Eicosane	21.64	2.1	ng	45953	6	21.03	435326	20.0