LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002950.D
Acq On : 12 Aug 2020 15:37
Operator : CG/JU
Sample : L3654-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CS-14

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-BP073020.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	2.970	10	14	33	rVB	619646	875962	9.75%	1.833%
2	5.305	404	411	429	rBV	2127106	3155481	35.13%	6.603%
3	6.869	670	677	690	rBV	1992155	3215997	35.80%	6.730%
4	7.699	811	818	826	rBV	737144	1135354	12.64%	2.376%
5	8.840	1005	1012	1028	rBV	1344876	2132943	23.74%	4.464%
6	10.475	1281	1290	1300	rBV	979870	1651417	18.38%	3.456%
7	12.957	1704	1712	1725	rBV	4152136	5884185	65.50%	12.314%
8	13.792	1848	1854	1869	rBV	255889	364589	4.06%	0.763%
9	14.334	1939	1946	1953	rBV	1565119	2258744	25.14%	4.727%
10	15.828	2193	2200	2211	rBV	2706236	3895207	43.36%	8.151%
11	17.086	2408	2414	2427	rVB	1846766	2606308	29.01%	5.454%
12	18.004	2565	2570	2578	rBV	287841	511142	5.69%	1.070%
13	19.245	2777	2781	2801	rBV	421473	763864	8.50%	1.598%
14	19.663	2846	2852	2865	rBV	7562603	8983245	100.00%	18.799%
15	20.916	3061	3065	3083	rBV2	686867	1211004	13.48%	2.534%
16	21.174	3104	3109	3120	rBV	2660208	3448079	38.38%	7.216%
17	21.357	3137	3140	3144	rBV	129281	135080	1.50%	0.283%
18	21.798	3212	3215	3223	rBV2	144996	223489	2.49%	0.468%
19	22.268	3292	3295	3300	rBV	142320	183613	2.04%	0.384%
20	22.792	3380	3384	3389	rVB2	166742	237967	2.65%	0.498%
21	23.380	3480	3484	3486	rBV	160328	236529	2.63%	0.495%
22	23.433	3486	3493	3508	rVB2	2251177	4400879	48.99%	9.209%
23	24.051	3594	3598	3605	rVB2	151062	275247	3.06%	0.576%

Sum of corrected areas: 47786325

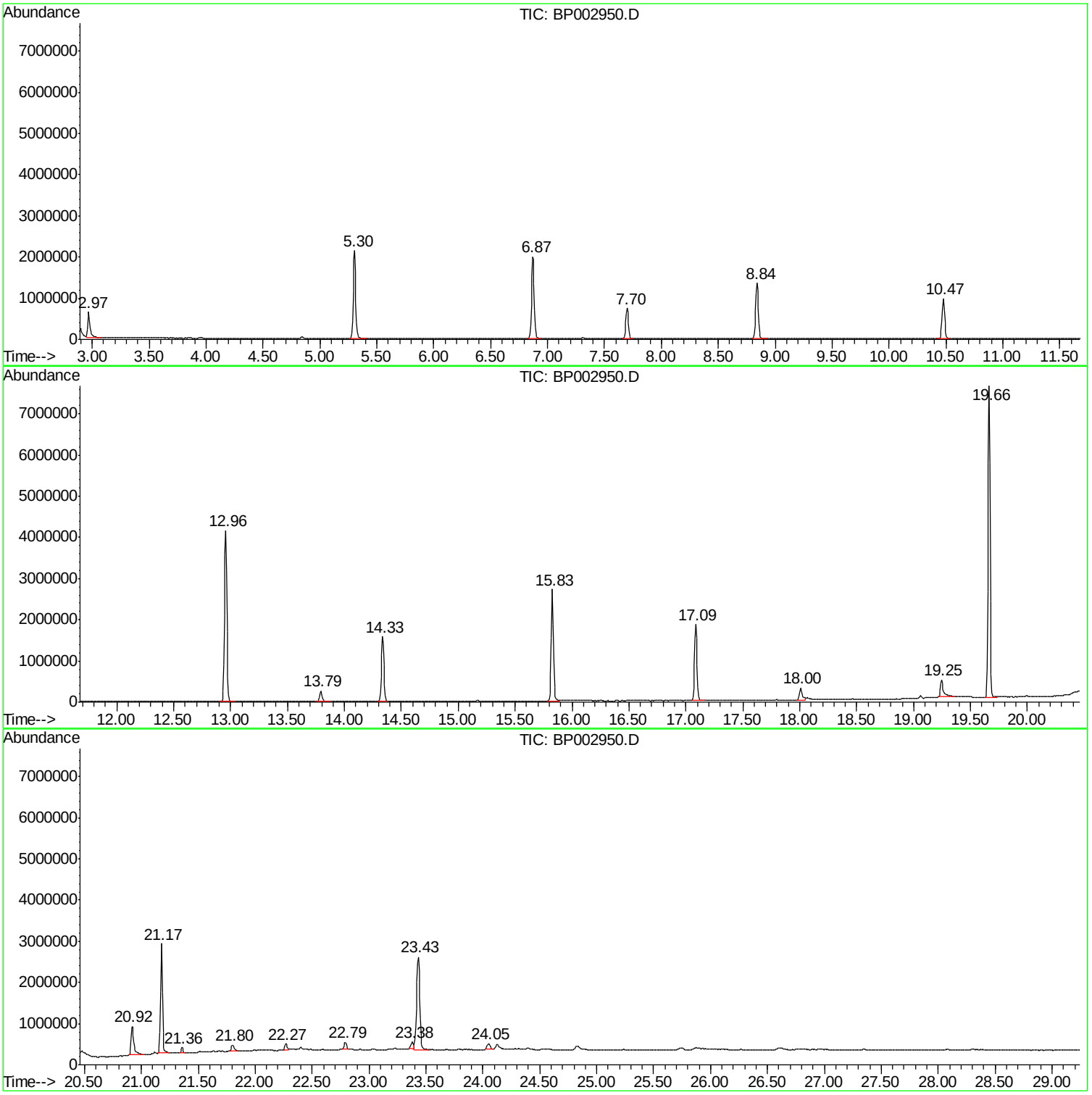
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002950.D
Acq On : 12 Aug 2020 15:37
Operator : CG/JU
Sample : L3654-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CS-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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\BP081220\
Data File : BP002950.D
Acq On : 12 Aug 2020 15:37
Operator : CG/JU
Sample : L3654-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CS-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

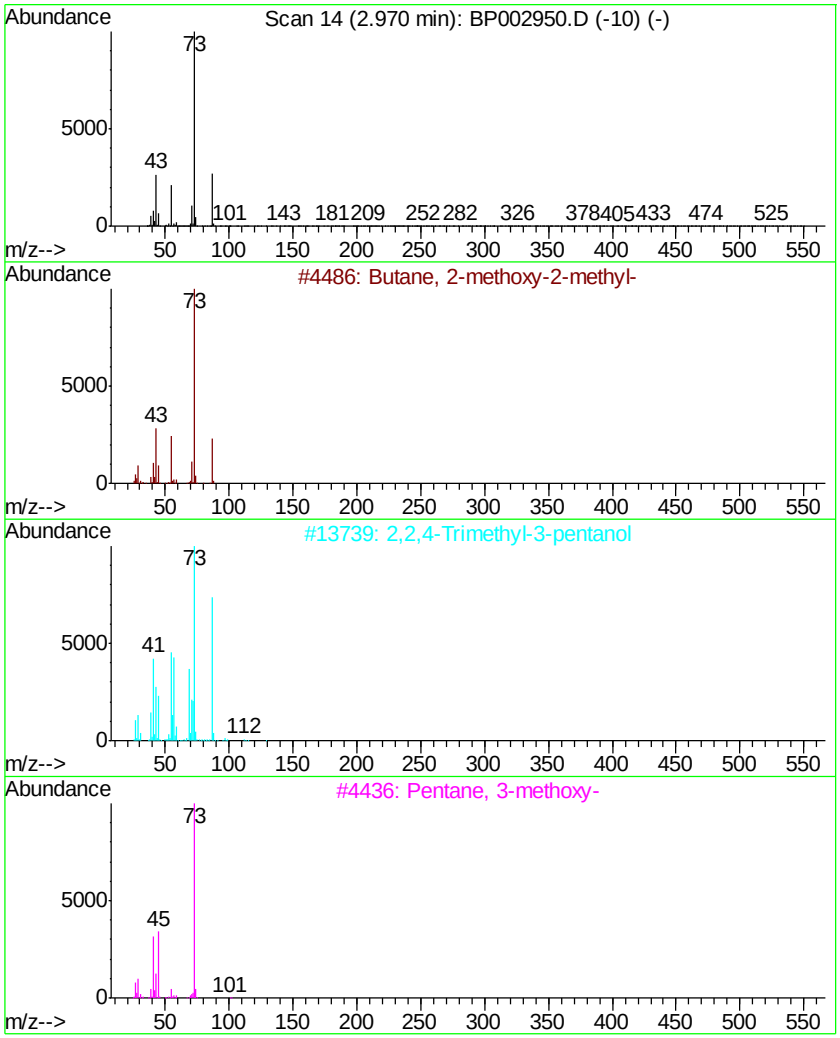
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

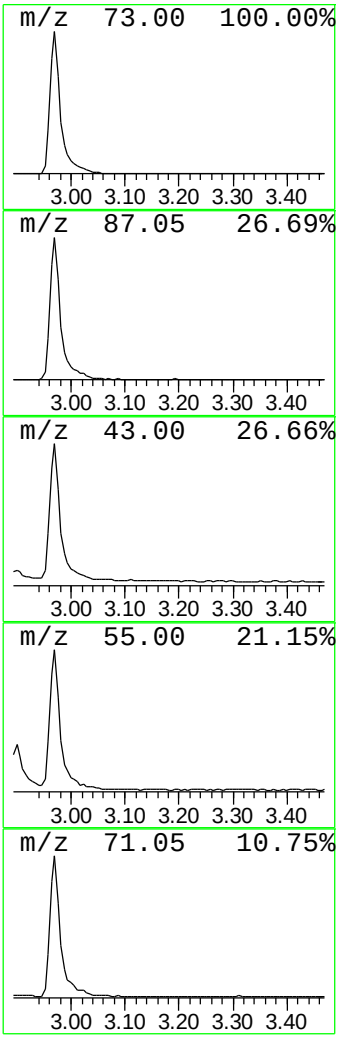
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	15.43 ng	875962	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002950.D
Acq On : 12 Aug 2020 15:37
Operator : CG/JU
Sample : L3654-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CS-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

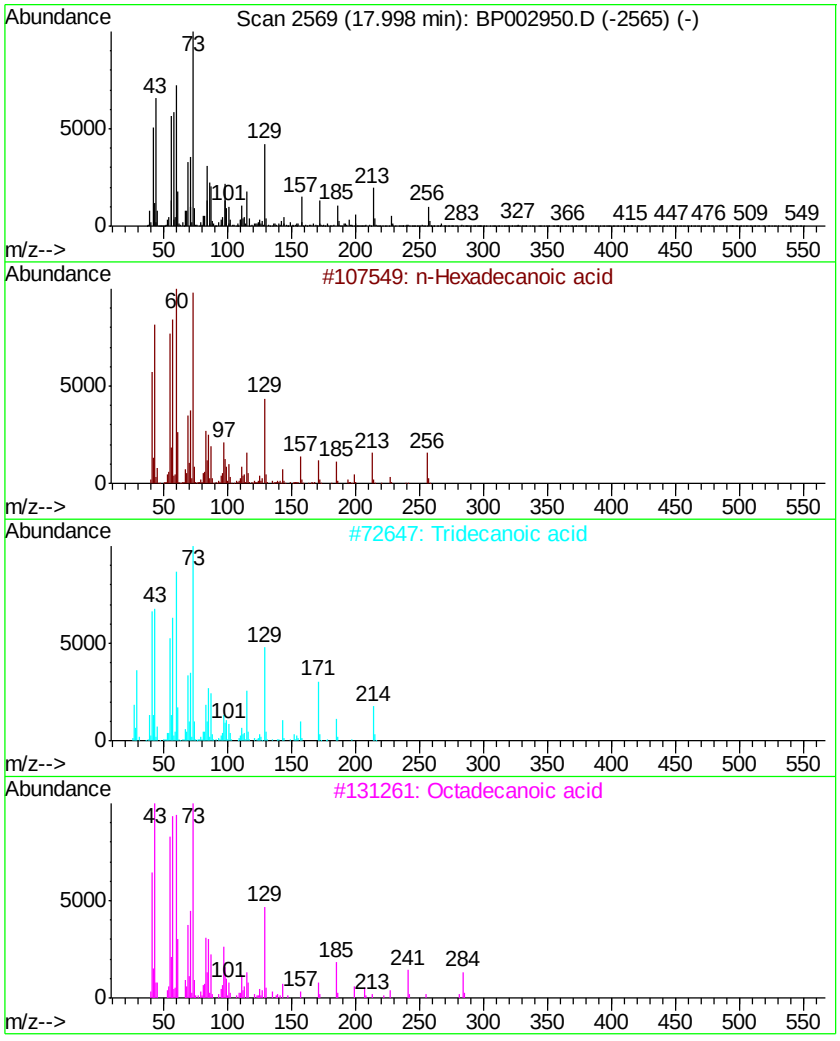
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

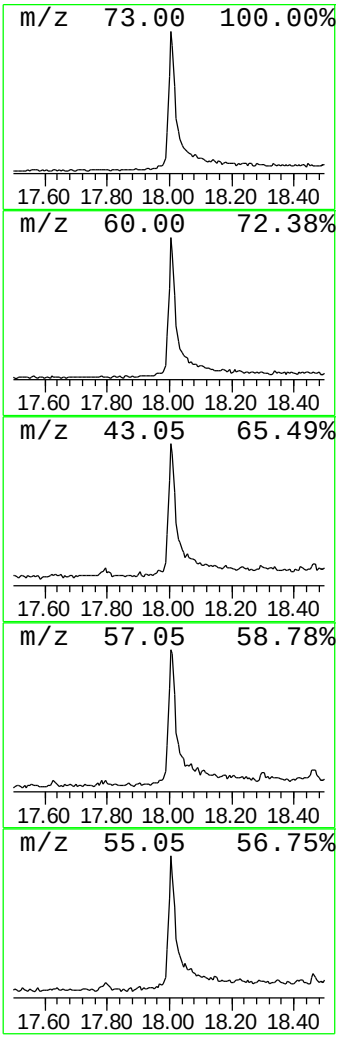
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.92 ng	511142	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002950.D
Acq On : 12 Aug 2020 15:37
Operator : CG/JU
Sample : L3654-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CS-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

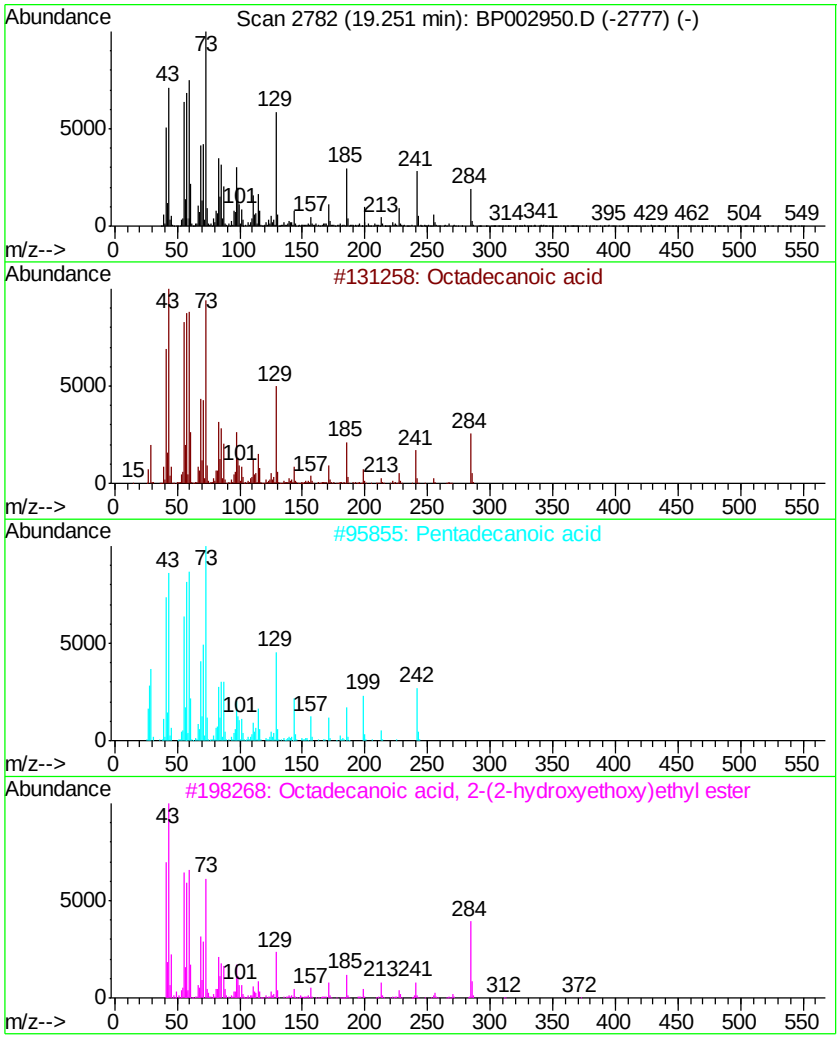
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

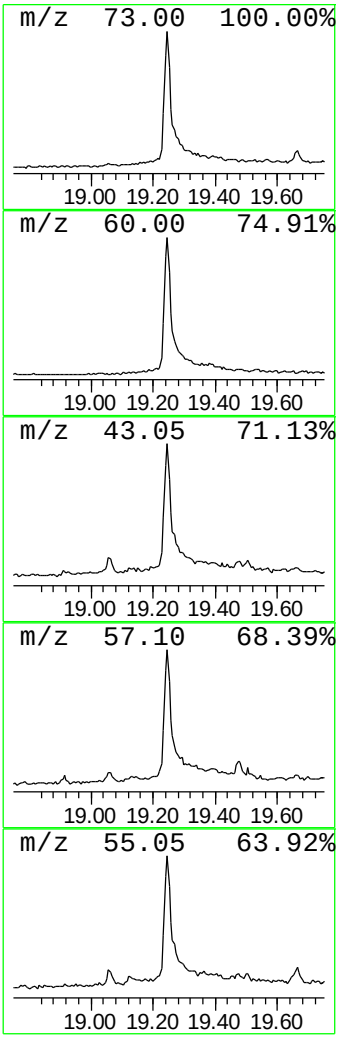
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	4.43 ng	763864	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002950.D
Acq On : 12 Aug 2020 15:37
Operator : CG/JU
Sample : L3654-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CS-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

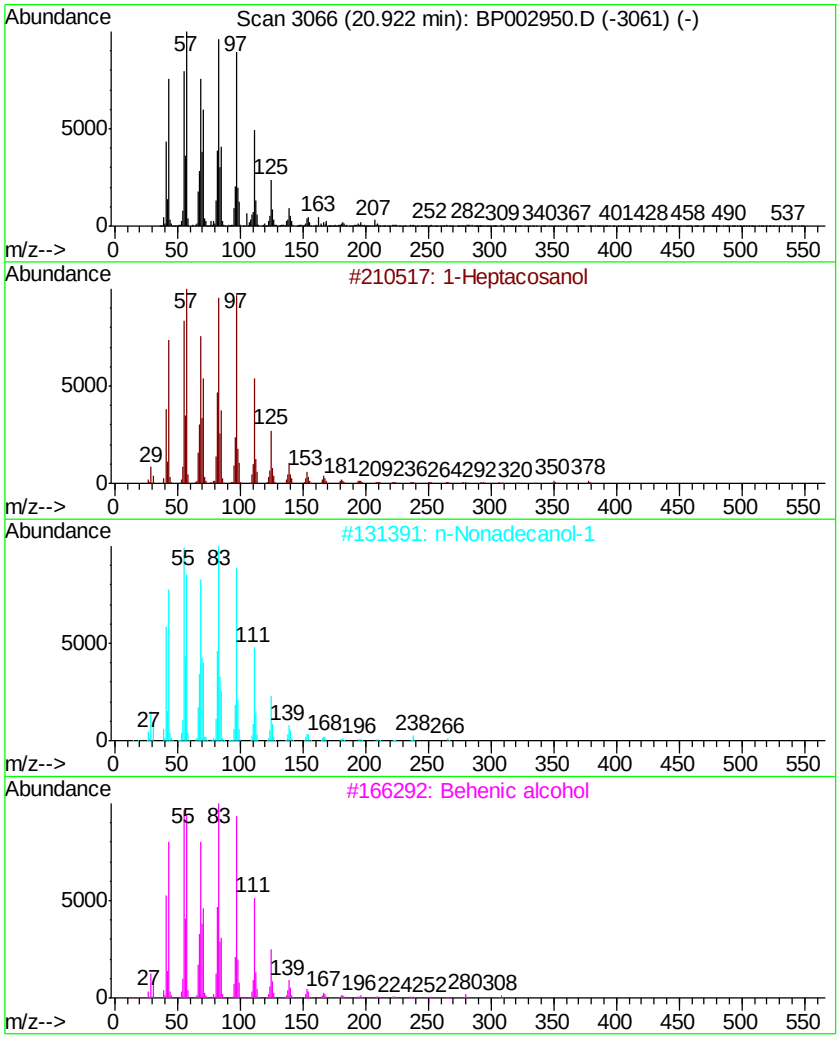
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

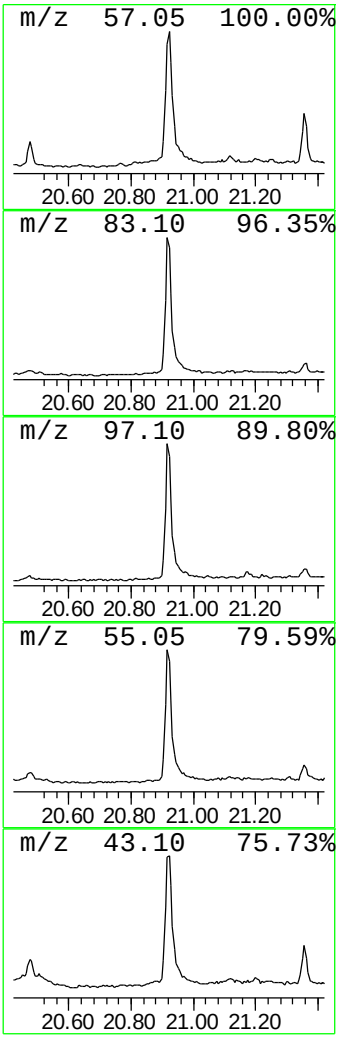
****

Peak Number 4 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	7.02 ng	1211000	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP081220\
Data File : BP002950.D
Acq On : 12 Aug 2020 15:37
Operator : CG/JU
Sample : L3654-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CS-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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...	2.97	15.4	ng	875962	1	7.70	1135350	20.0
n-Hexadecanoic acid	18.00	3.9	ng	511142	4	17.09	2606310	20.0
Octadecanoic acid	19.25	4.4	ng	763864	5	21.18	3448080	20.0
1-Heptacosanol	20.92	7.0	ng	1211000	5	21.18	3448080	20.0