LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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	2.893	14	18	23	rBV	19121	31059	2.08%	0.231%
2	2.975	28	32	41	rVB	120884	171387	11.50%	1.274%
3	4.828	341	347	356	rVB	154734	222344	14.92%	1.652%
4	5.287	418	425	434	rBV	685696	995030	66.77%	7.395%
5	6.804	677	683	685	rBV	18702	29560	1.98%	0.220%
6	6.851	685	691	701	rVB	757874	1206053	80.93%	8.963%
7	7.198	742	750	762	rBV	738085	1132131	75.97%	8.413%
8	7.651	820	827	838	rBV	214665	338149	22.69%	2.513%
9	7.969	874	881	891	rBV	522493	841989	56.50%	6.257%
10	8.798	1014	1022	1031	rVB	474548	758660	50.91%	5.638%
11	10.428	1290	1299	1306	rBV	265725	442468	29.69%	3.288%
12	12.916	1715	1722	1730	rBV	966762	1369164	91.88%	10.175%
13	13.222	1769	1774	1779	rVB2	10934	17029	1.14%	0.127%
14	13.763	1860	1866	1872	rVB	97757	134587	9.03%	1.000%
15	14.016	1899	1909	1915	rBV3	8940	18436	1.24%	0.137%
16	14.151	1923	1932	1943	rVB4	24299	66405	4.46%	0.493%
17	14.298	1950	1957	1964	rBV2	410438	588096	39.46%	4.370%
18	15.351	2131	2136	2143	rBV3	11920	19238	1.29%	0.143%
19	15.463	2151	2155	2161	rBV4	9763	15667	1.05%	0.116%
20	15.798	2205	2212	2221	rBV	884457	1259933	84.55%	9.363%
21	17.057	2420	2426	2431	rBV	490610	692264	46.45%	5.145%
22	17.098	2431	2433	2437	rVB	45163	51537	3.46%	0.383%
23	17.192	2445	2449	2453	rVB	21395	29628	1.99%	0.220%
24	17.468	2492	2496	2501	rBV3	9257	15040	1.01%	0.112%
25	17.933	2572	2575	2579	rBV2	10432	15558	1.04%	0.116%
26	17.998	2580	2586	2592	rBV2	150213	225138	15.11%	1.673%
27	18.121	2602	2607	2611	rBV4	20154	36982	2.48%	0.275%
28	18.821	2722	2726	2732	rBV3	75891	113709	7.63%	0.845%
29	19.080	2766	2770	2775	rBV	94235	124226	8.34%	0.923%
30	19.239	2793	2797	2803	rBV4	46210	70565	4.74%	0.524%
31	19.433	2827	2830	2840	rVB	82368	112806	7.57%	0.838%
32	19.645	2861	2866	2871	rBV	1278386	1490226	100.00%	11.075%
33	20.909	3078	3081	3087	rBV	190066	236550	15.87%	1.758%
34	21.174	3120	3126	3130	rBV	375484	584551	39.23%	4.344%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

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

Sum of corrected areas: 13456165

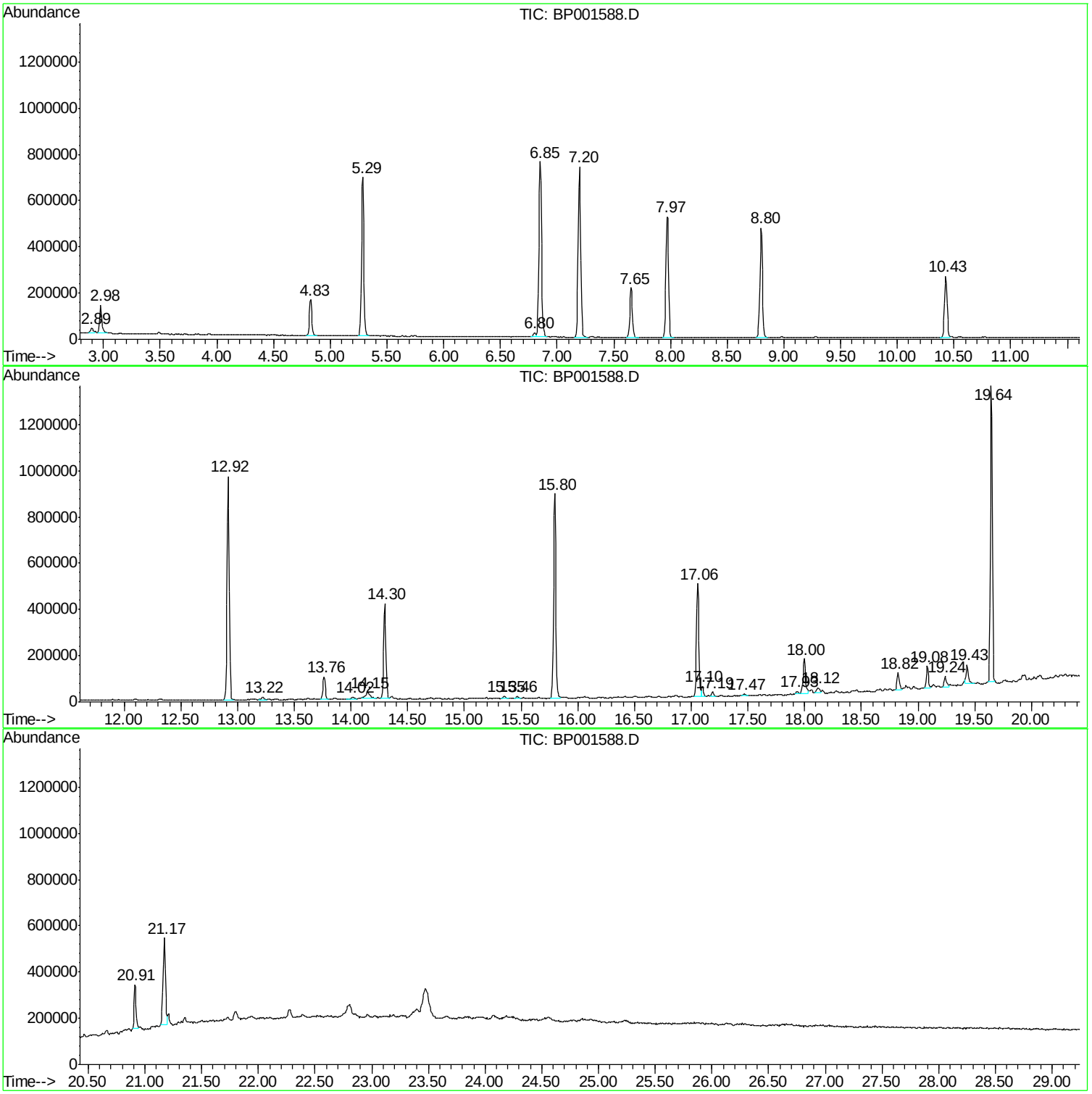
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

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\BP010920\
Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

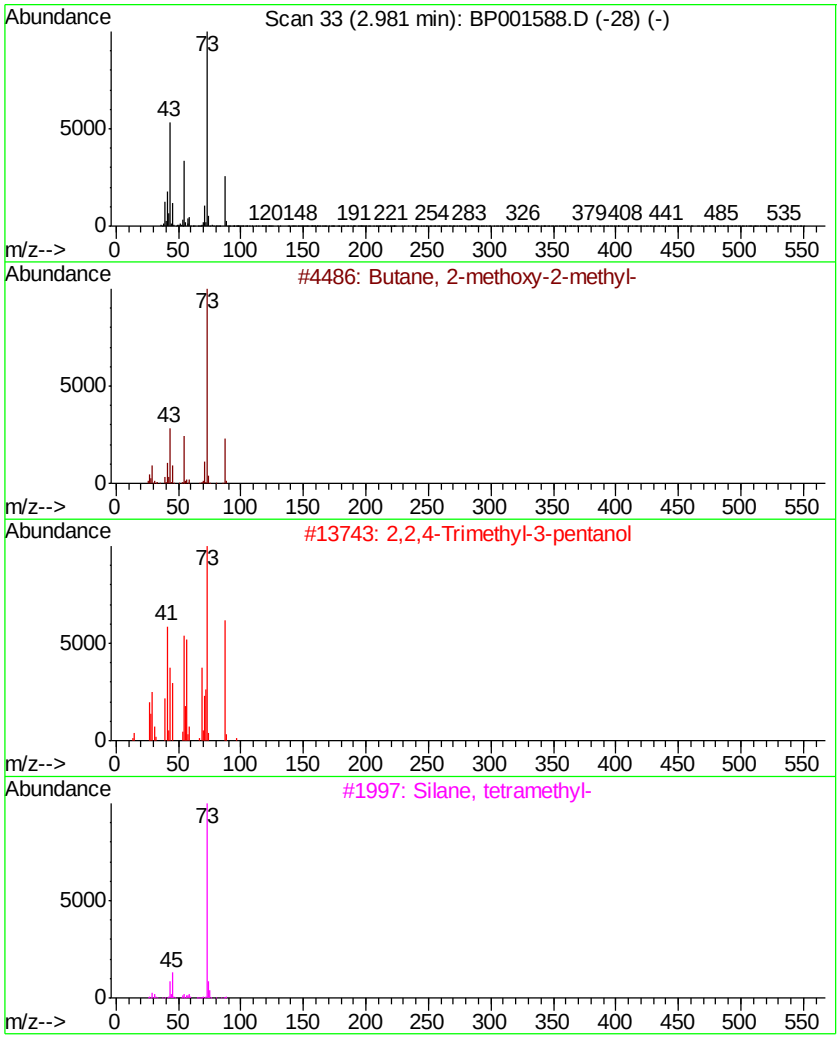
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

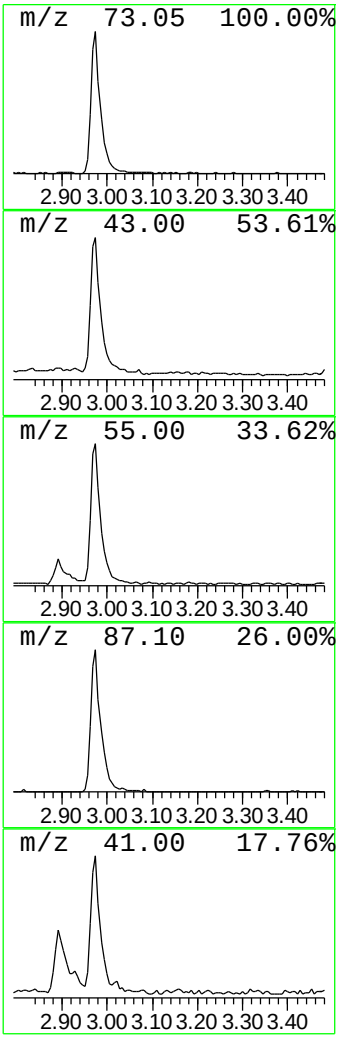
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	10.14 ng	171387	1,4-Dichlorobenzene-d4	7.65

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	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	28
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

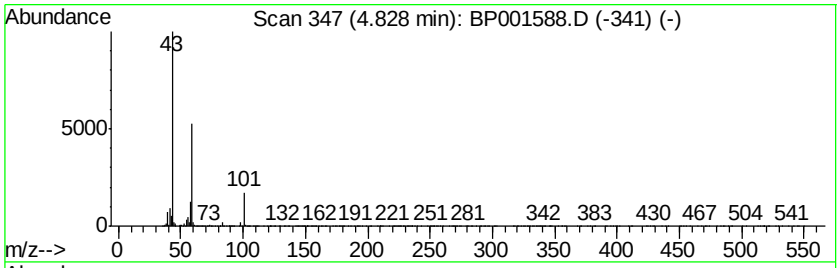
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

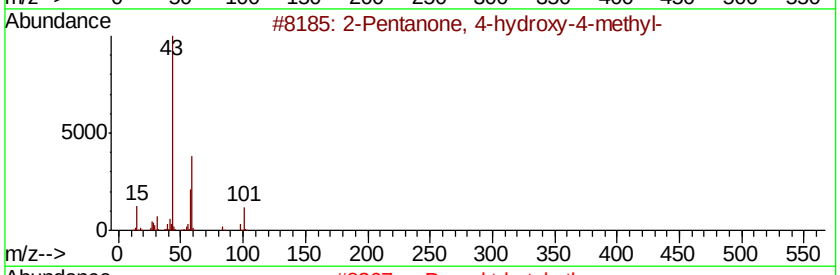
****

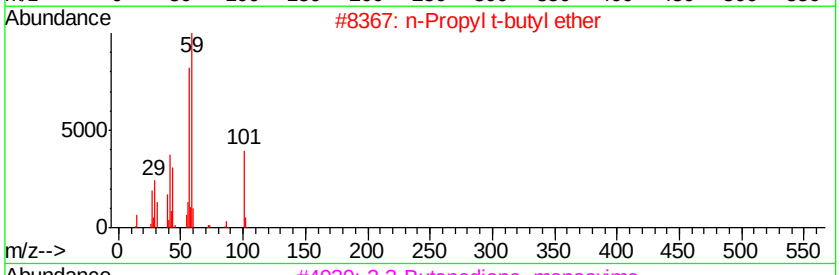
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

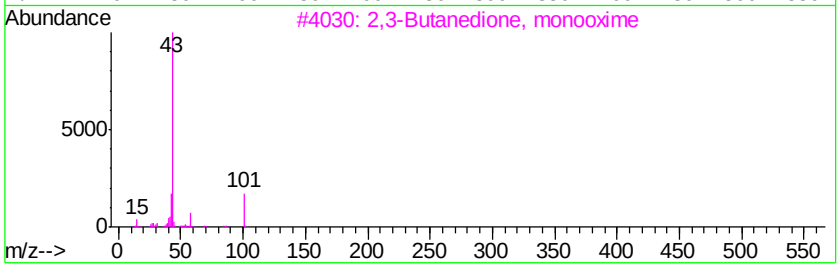
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	13.15 ng	222344	1,4-Dichlorobenzene-d4	7.65

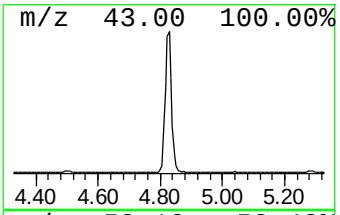
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9

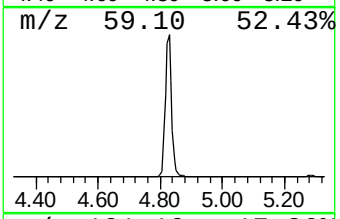


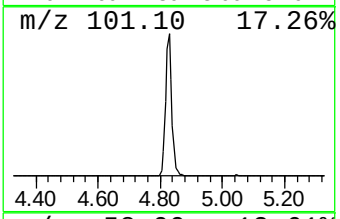


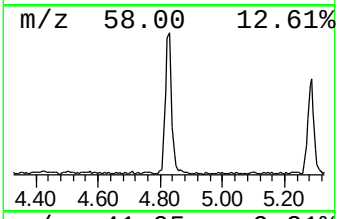


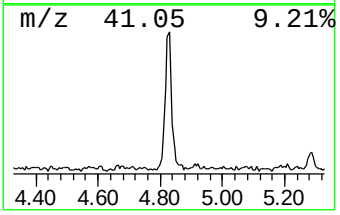












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

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

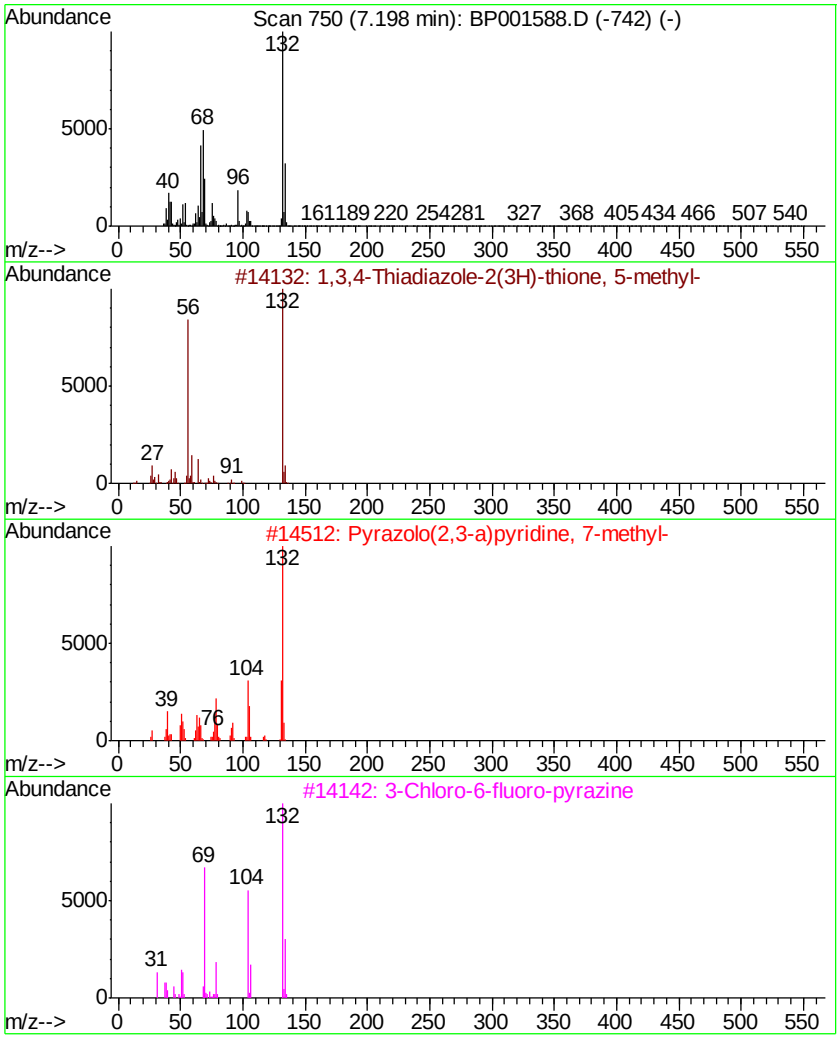
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

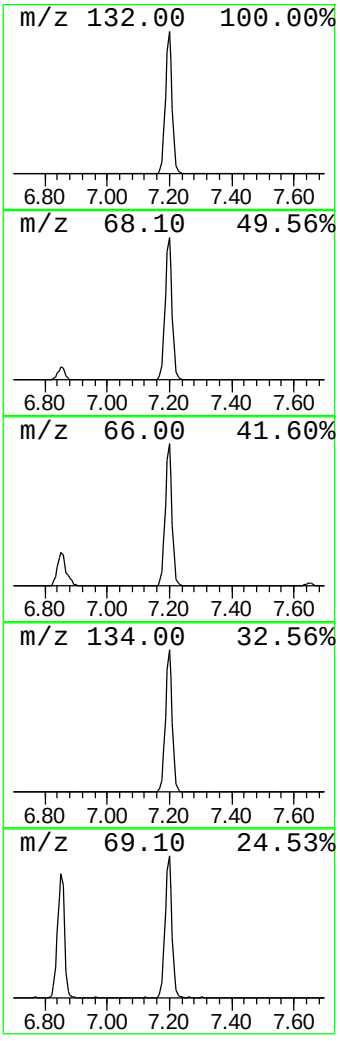
****

Peak Number 3 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	66.96 ng	1132130	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

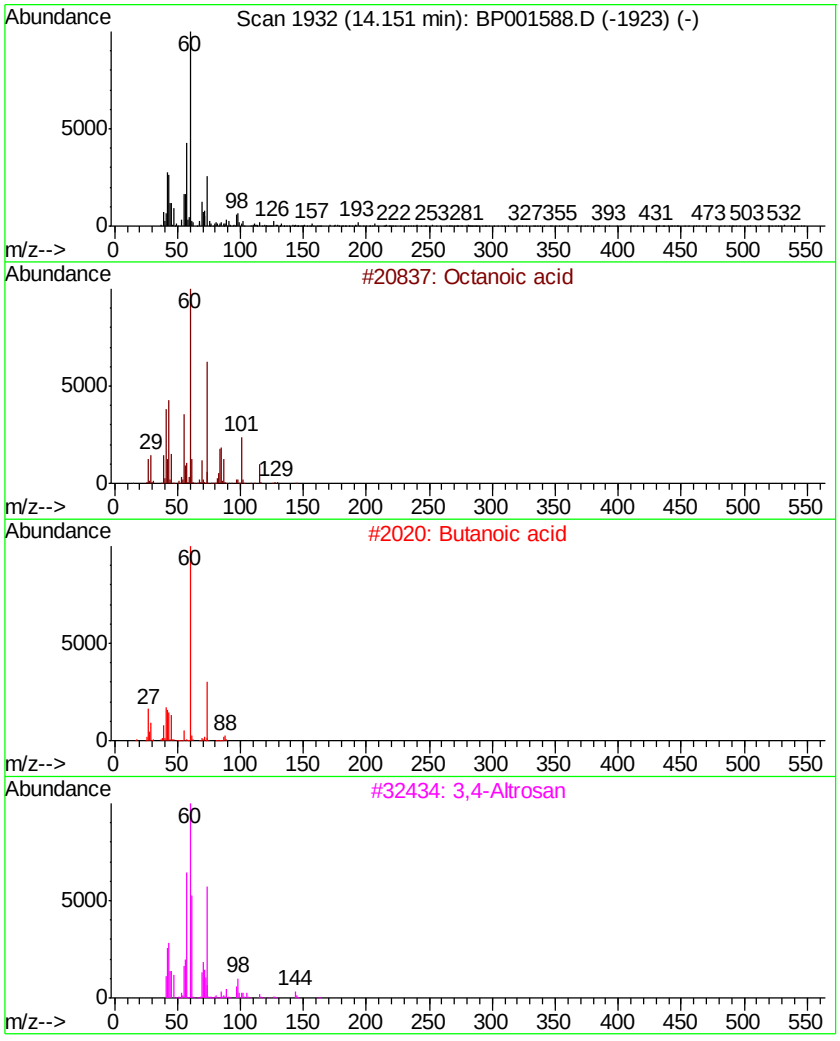
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

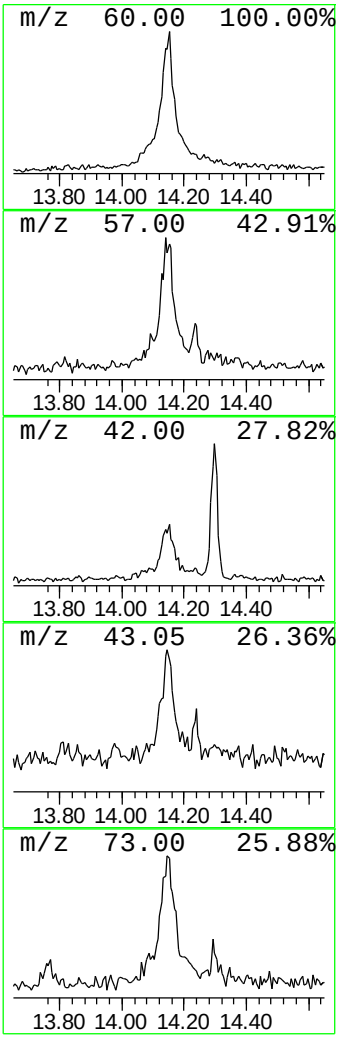
****

Peak Number 5 Octanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.26 ng	66405	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	50
2	Butanoic acid	88	C4H8O2	000107-92-6	50
3	3,4-Altrosan	162	C6H10O5	1000129-76-4	50
4	CH3ON(CH3)2	75	C3H9NO	005669-39-6	47
5	Silver butanoate	194	C4H7AgO2	005076-24-4	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

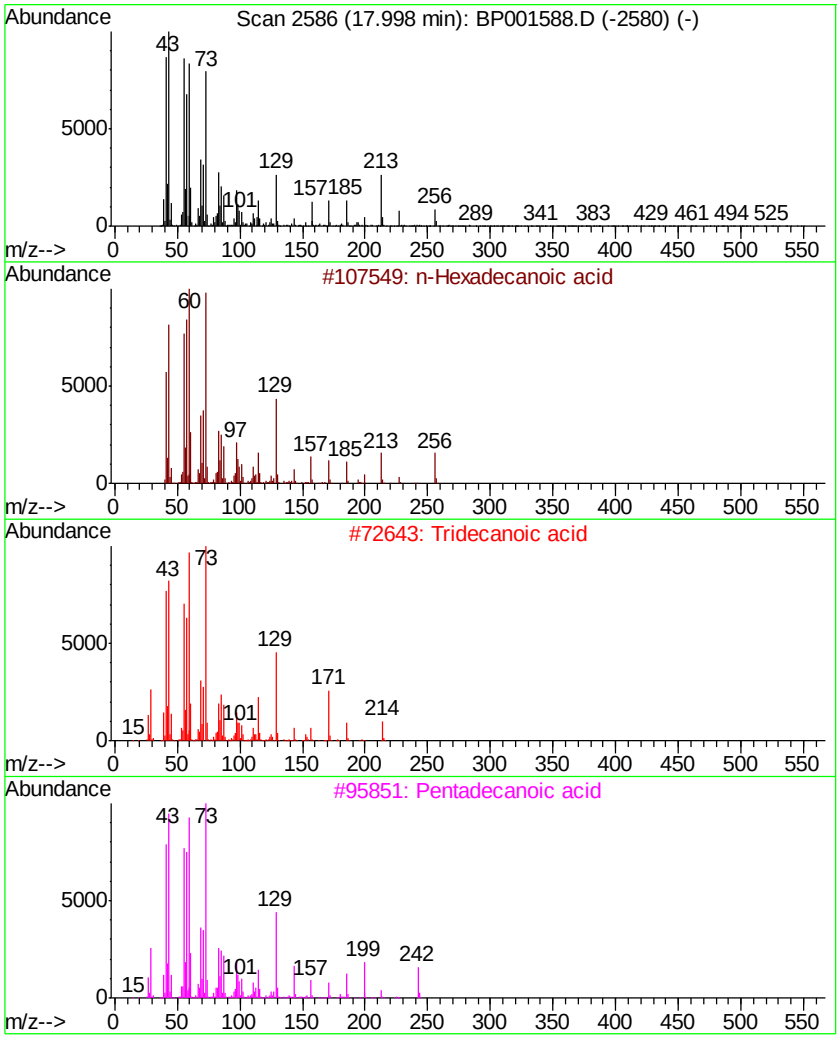
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

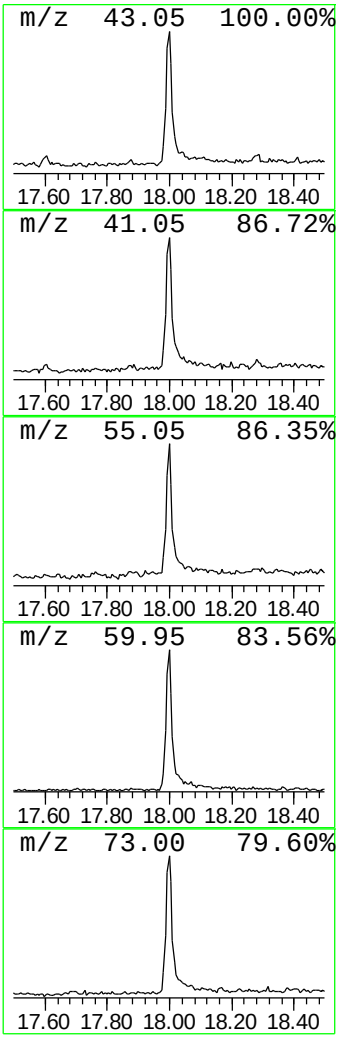
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	6.50 ng	225138	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

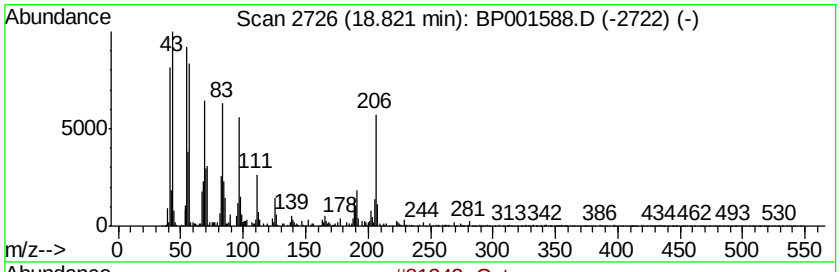
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

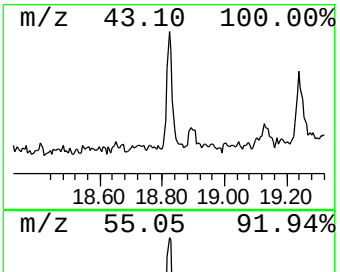
****

Peak Number 7 Cetene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.29 ng	113709	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	95
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	92
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	70
5	Cyclohexadecane	224	C16H32	000295-65-8	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

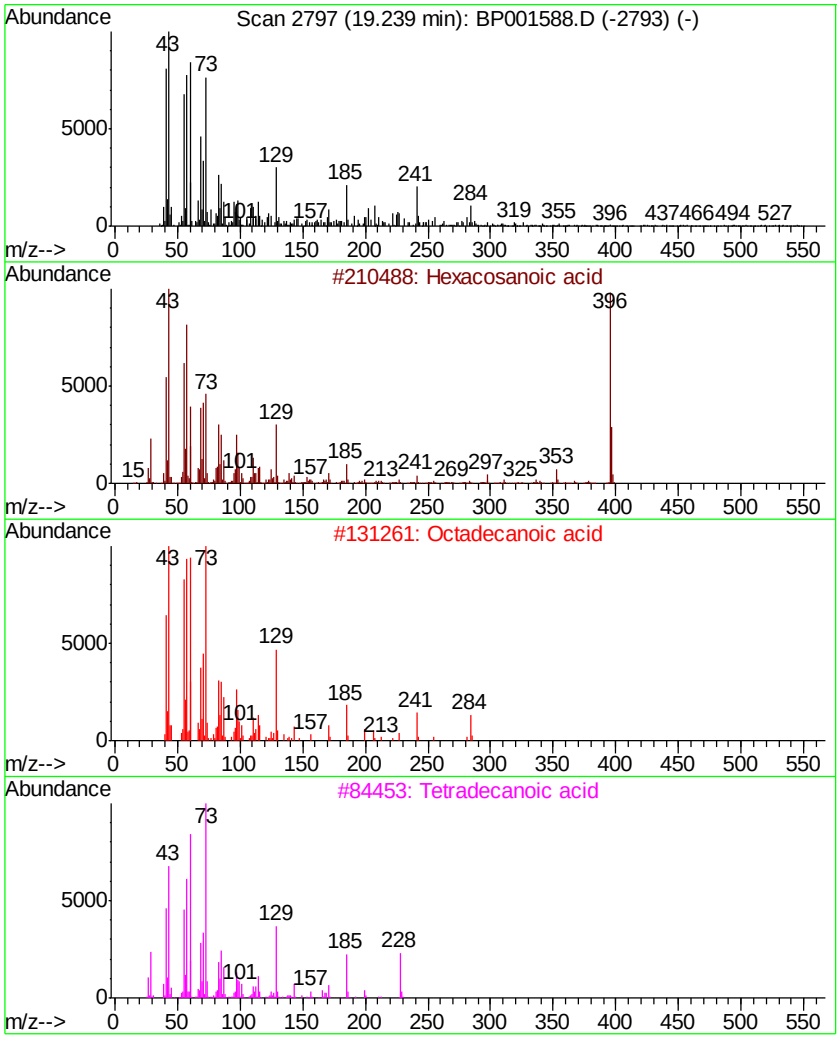
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

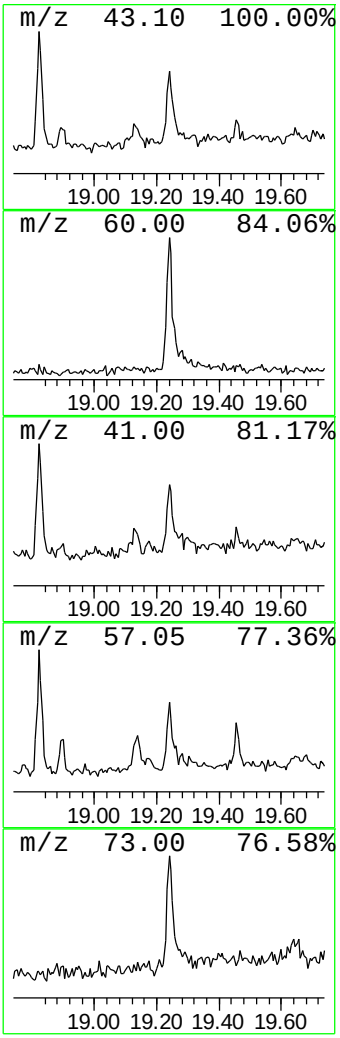
****

Peak Number 8 Hexacosanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	2.41 ng	70565	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosanoic acid	396	C26H52O2	000506-46-7	84
2	Octadecanoic acid	284	C18H36O2	000057-11-4	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

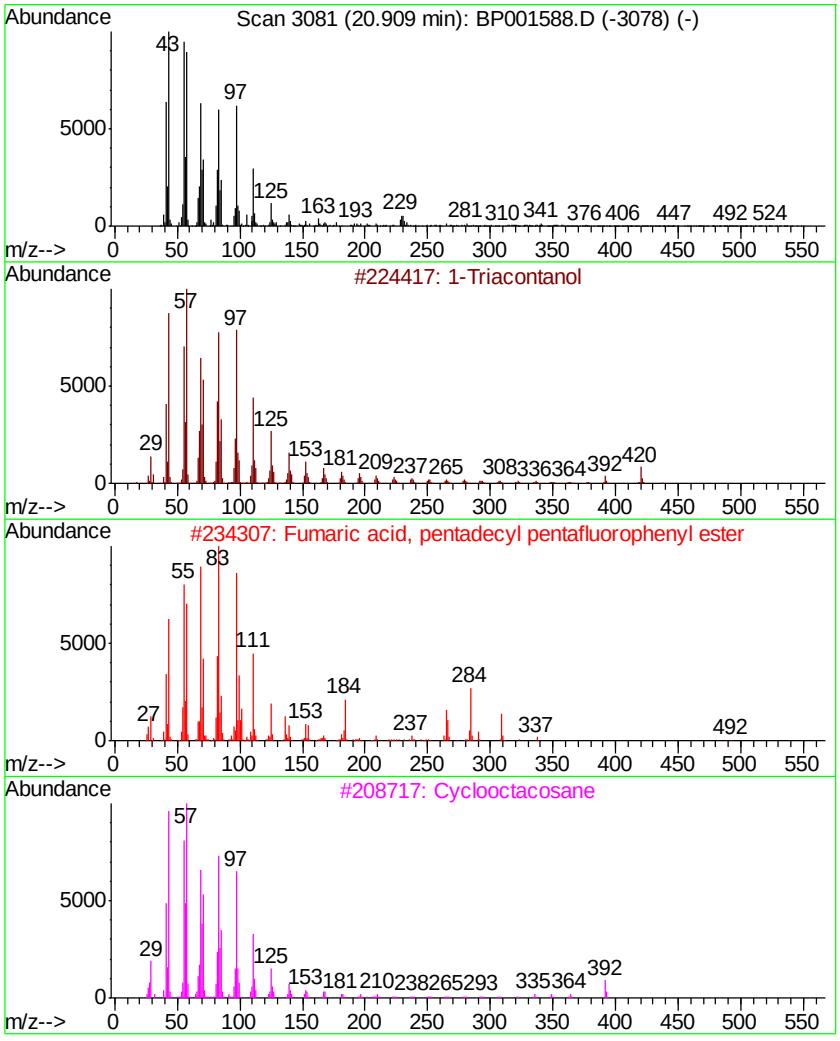
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

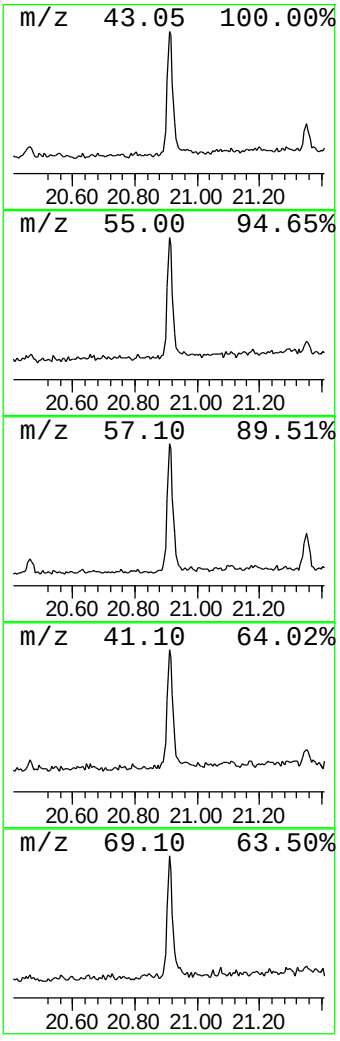
****

Peak Number 9 1-Triacontanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	8.09 ng	236550	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triacontanol	438	C30H62O	000593-50-0	91
2	Fumaric acid, pentadecyl pentafl...	492	C25H33F5O4	1000348-10-7	91
3	Cyclooctacosane	392	C28H56	000297-24-5	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	1-Heneicosanol	312	C21H44O	015594-90-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010920\
Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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...	2.98	10.1	ng	171387	1	7.65	338149	20.0
2-Pentanone, 4-hy...	4.83	13.2	ng	222344	1	7.65	338149	20.0
unknown7.20	7.20	67.0	ng	1132130	1	7.65	338149	20.0
Octanoic acid	14.15	2.3	ng	66405	3	14.30	588096	20.0
n-Hexadecanoic acid	18.00	6.5	ng	225138	4	17.06	692264	20.0
Cetene	18.82	3.3	ng	113709	4	17.06	692264	20.0
Hexacosanoic acid	19.24	2.4	ng	70565	5	21.17	584551	20.0
1-Triacontanol	20.91	8.1	ng	236550	5	21.17	584551	20.0