LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002240.D
Acq On : 05 May 2020 17:02
Operator : CG/JU
Sample : L2483-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6FT-TP-5

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-BP050420.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	2.917	3	5	19	rVB	169047	228009	2.09%	0.353%
2	5.228	391	398	411	rBV	2201730	3380619	30.97%	5.228%
3	6.793	651	664	683	rBV	2650598	4183718	38.32%	6.470%
4	7.616	796	804	813	rBV	730675	1174776	10.76%	1.817%
5	7.934	850	858	866	rBV	2131895	3412339	31.26%	5.277%
6	8.752	989	997	1014	rBV	1741690	2903337	26.59%	4.490%
7	10.387	1267	1275	1290	rBV	1139765	1864759	17.08%	2.884%
8	12.875	1691	1698	1713	rVB	4996374	7228335	66.21%	11.179%
9	13.716	1834	1841	1848	rBV	616009	853897	7.82%	1.321%
10	14.257	1927	1933	1941	rBV	1757328	2621764	24.02%	4.055%
11	14.787	2017	2023	2036	rVB	47729	125123	1.15%	0.194%
12	15.751	2179	2187	2200	rBV	3601672	5341202	48.93%	8.261%
13	17.010	2394	2401	2406	rBV	2351555	3274952	30.00%	5.065%
14	17.945	2555	2560	2568	rBV	416466	645959	5.92%	0.999%
15	19.180	2767	2770	2781	rBV	164387	270445	2.48%	0.418%
16	19.598	2835	2841	2853	rBV	8274653	10916994	100.00%	16.884%
17	19.933	2895	2898	2902	rBV	103948	110970	1.02%	0.172%
18	20.422	2978	2981	2984	rVB	121902	116767	1.07%	0.181%
19	20.857	3051	3055	3066	rBV2	1259401	1883532	17.25%	2.913%
20	21.104	3092	3097	3103	rBV	3066059	4004577	36.68%	6.193%
21	21.298	3126	3130	3138	rBV	323044	394706	3.62%	0.610%
22	21.739	3200	3205	3216	rBV	771649	1162325	10.65%	1.798%
23	22.198	3279	3283	3298	rVB	362242	581856	5.33%	0.900%
24	22.704	3365	3369	3372	rBV	466973	690405	6.32%	1.068%
25	22.739	3372	3375	3385	rVB2	294374	489235	4.48%	0.757%
26	23.310	3461	3472	3489	rBV	2327866	5010376	45.90%	7.749%
27	23.933	3572	3578	3584	rBV	336899	665823	6.10%	1.030%
28	23.998	3584	3589	3601	rVB3	297764	642719	5.89%	0.994%
29	24.686	3701	3706	3712	rBV2	115004	224435	2.06%	0.347%
30	25.686	3871	3876	3885	rVB4	108759	255013	2.34%	0.394%

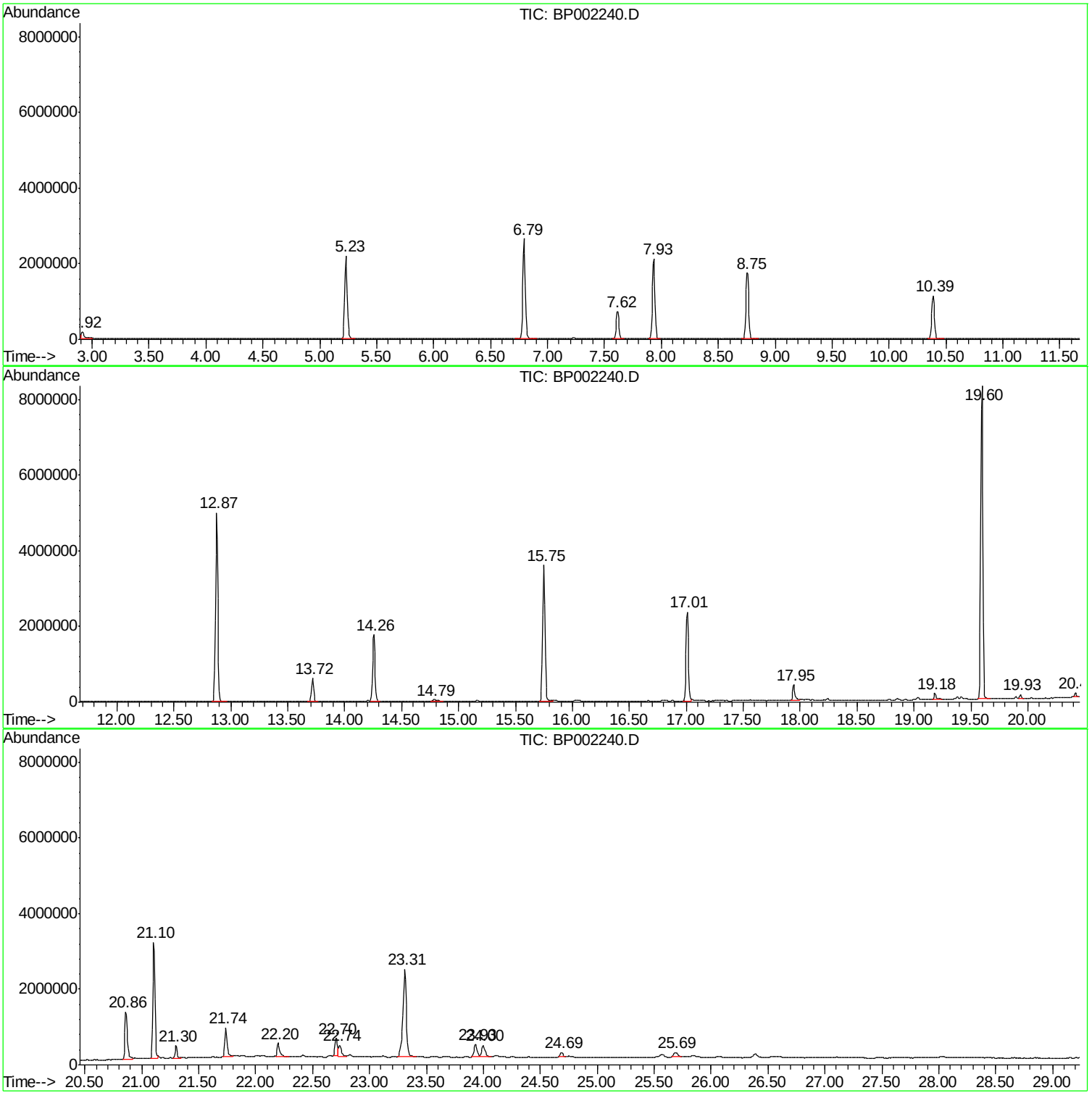
Sum of corrected areas: 64658967

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002240.D
Acq On : 05 May 2020 17:02
Operator : CG/JU
Sample : L2483-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
6FT-TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP050420.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\BP050520\
Data File : BP002240.D
Acq On : 05 May 2020 17:02
Operator : CG/JU
Sample : L2483-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6FT-TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

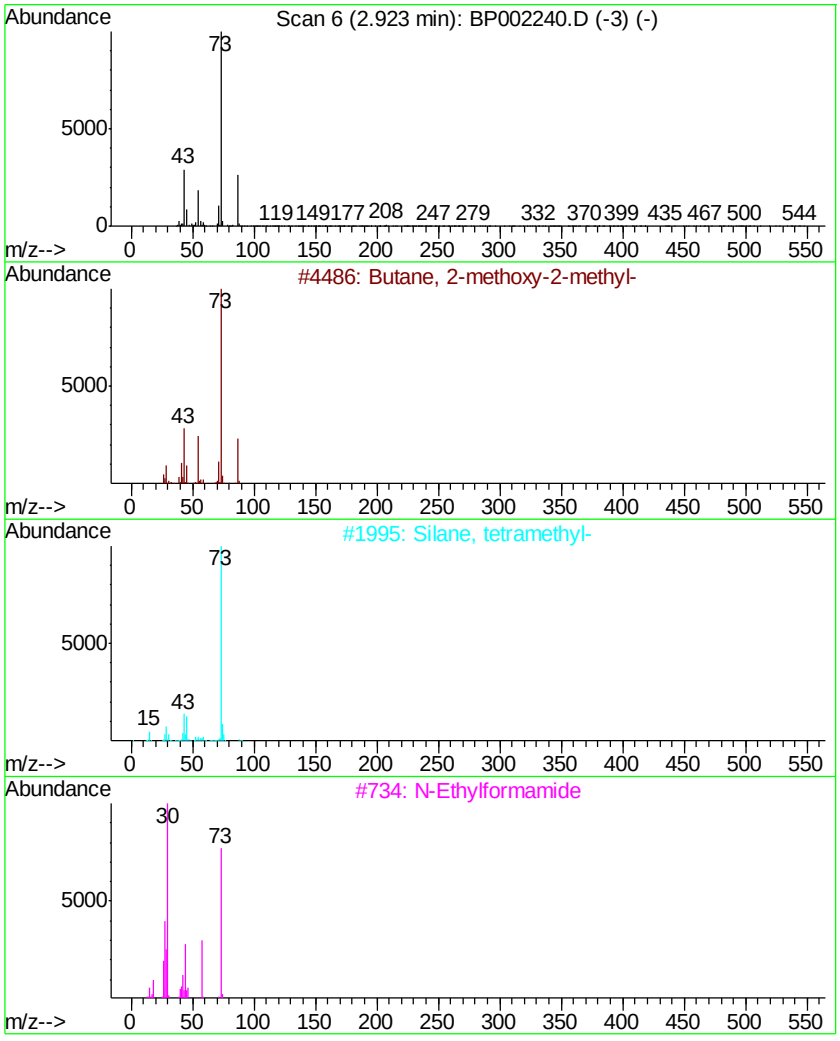
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

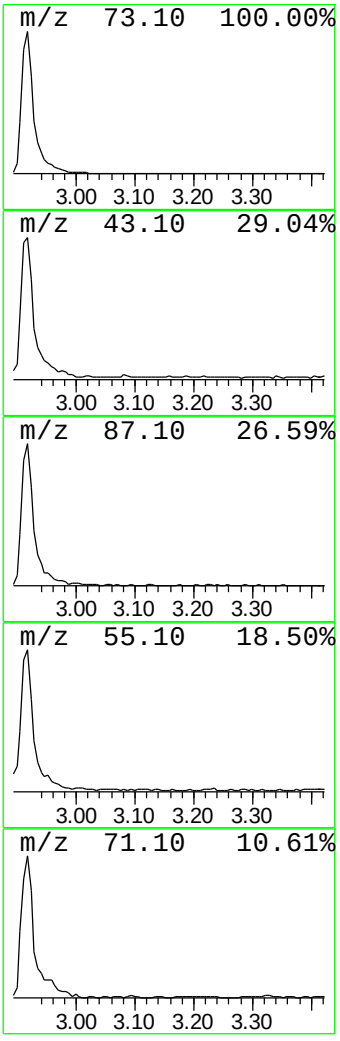
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	3.88 ng	228009	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002240.D
Acq On : 05 May 2020 17:02
Operator : CG/JU
Sample : L2483-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6FT-TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

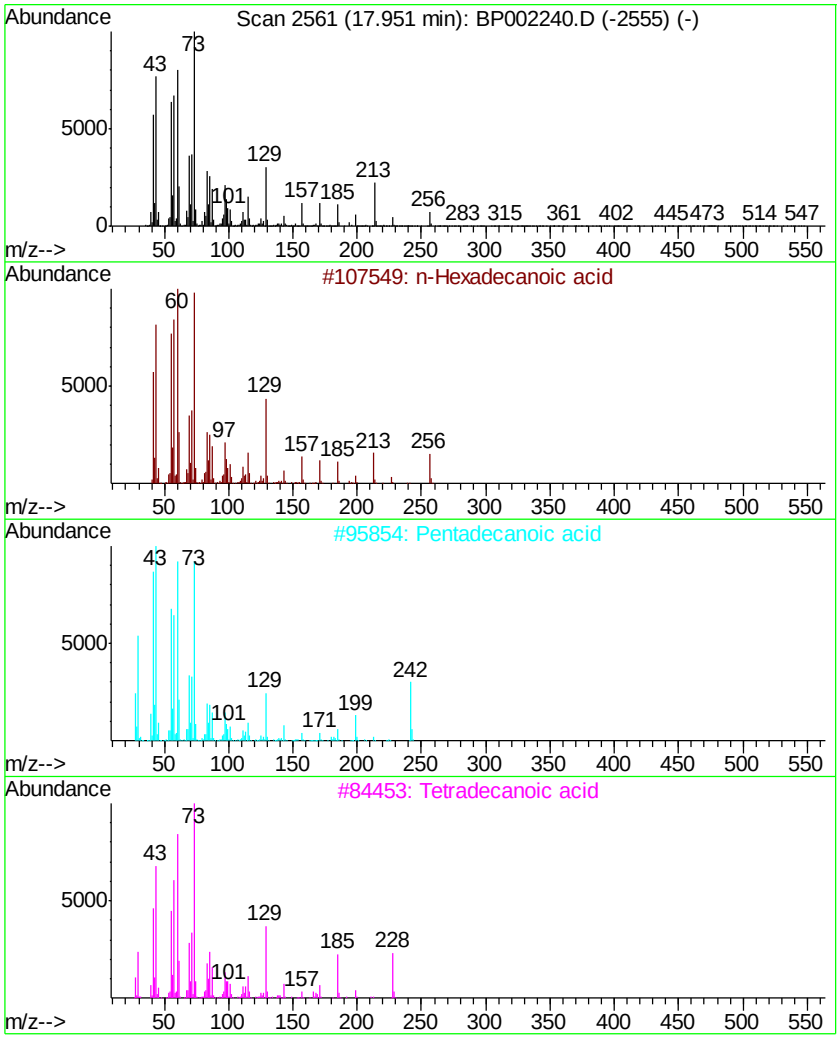
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

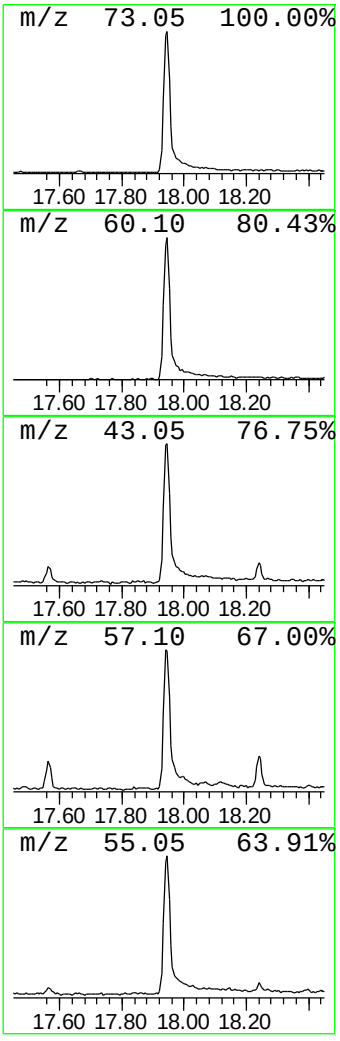
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	3.94 ng	645959	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002240.D
Acq On : 05 May 2020 17:02
Operator : CG/JU
Sample : L2483-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6FT-TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

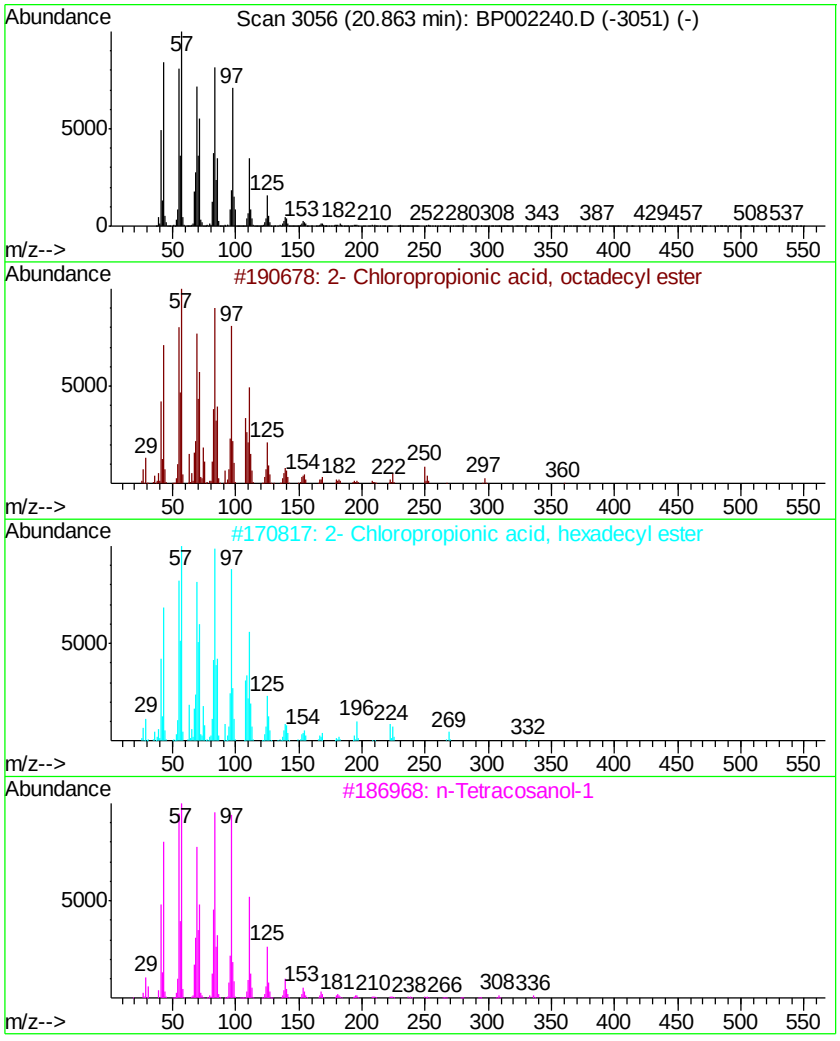
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

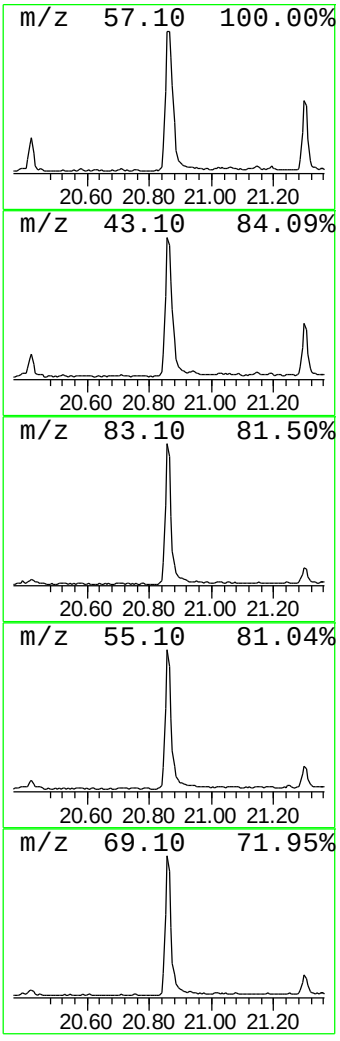
****

Peak Number 4 2- Chloropropionic acid, oc... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	9.41 ng	1883530	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	95
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002240.D
Acq On : 05 May 2020 17:02
Operator : CG/JU
Sample : L2483-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6FT-TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

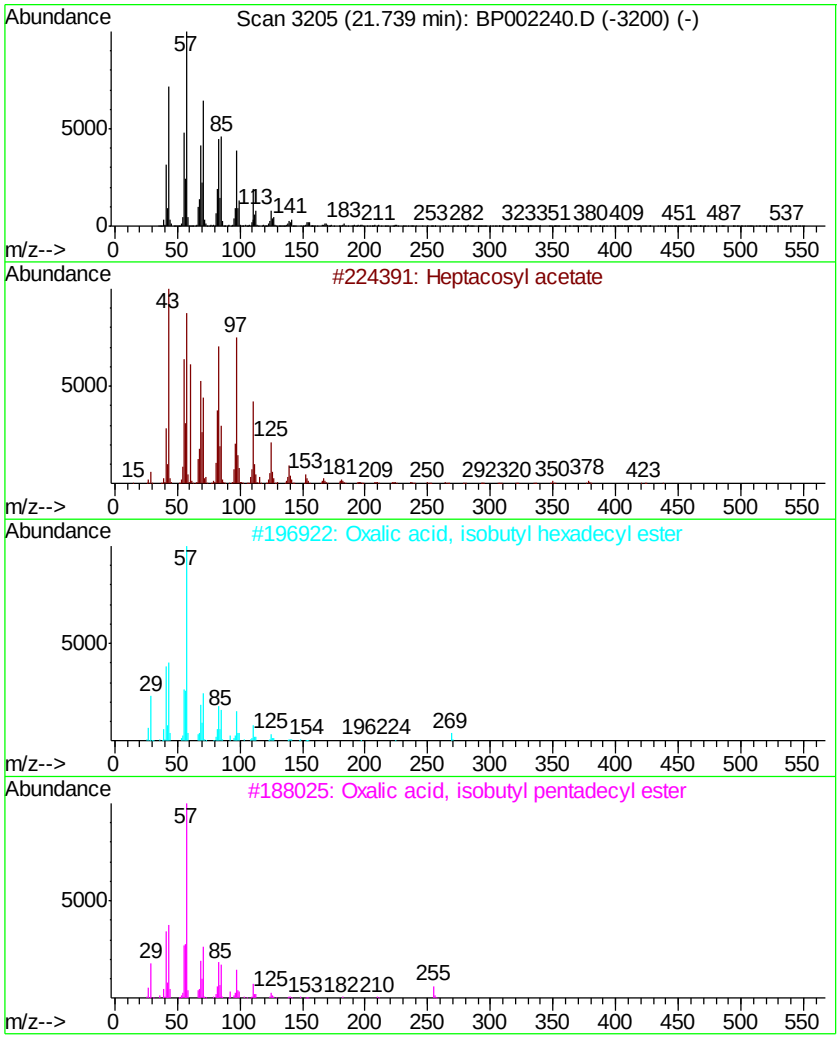
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

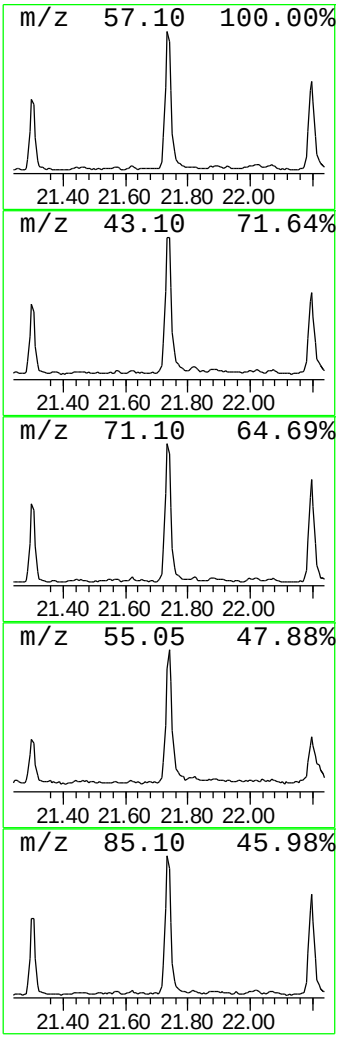
****

Peak Number 5 Heptacosyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	5.80 ng	1162330	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	96
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002240.D
Acq On : 05 May 2020 17:02
Operator : CG/JU
Sample : L2483-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6FT-TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

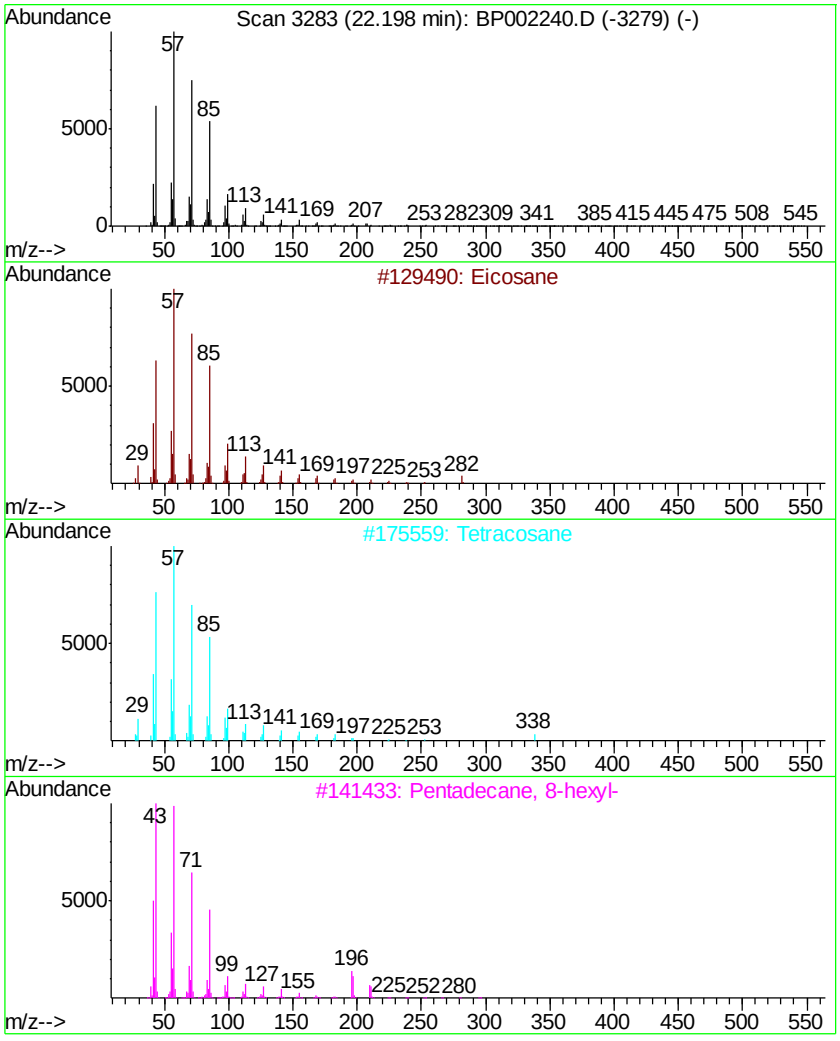
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

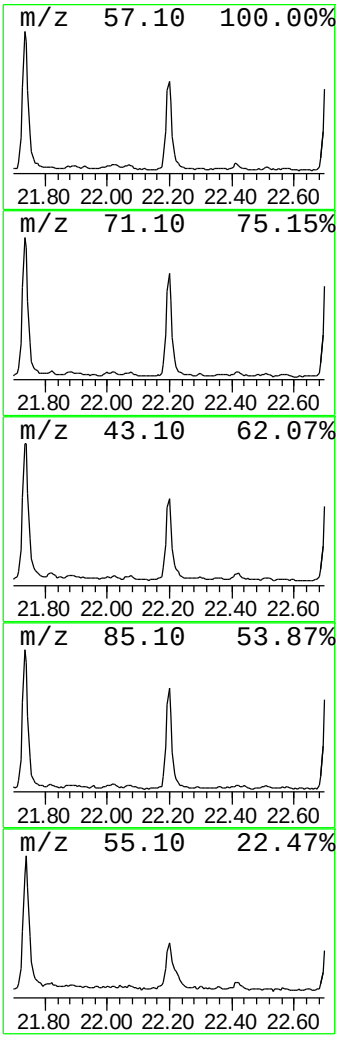
****

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	2.91 ng	581856	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tetracosane	338	C24H50	000646-31-1	95
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002240.D
Acq On : 05 May 2020 17:02
Operator : CG/JU
Sample : L2483-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6FT-TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

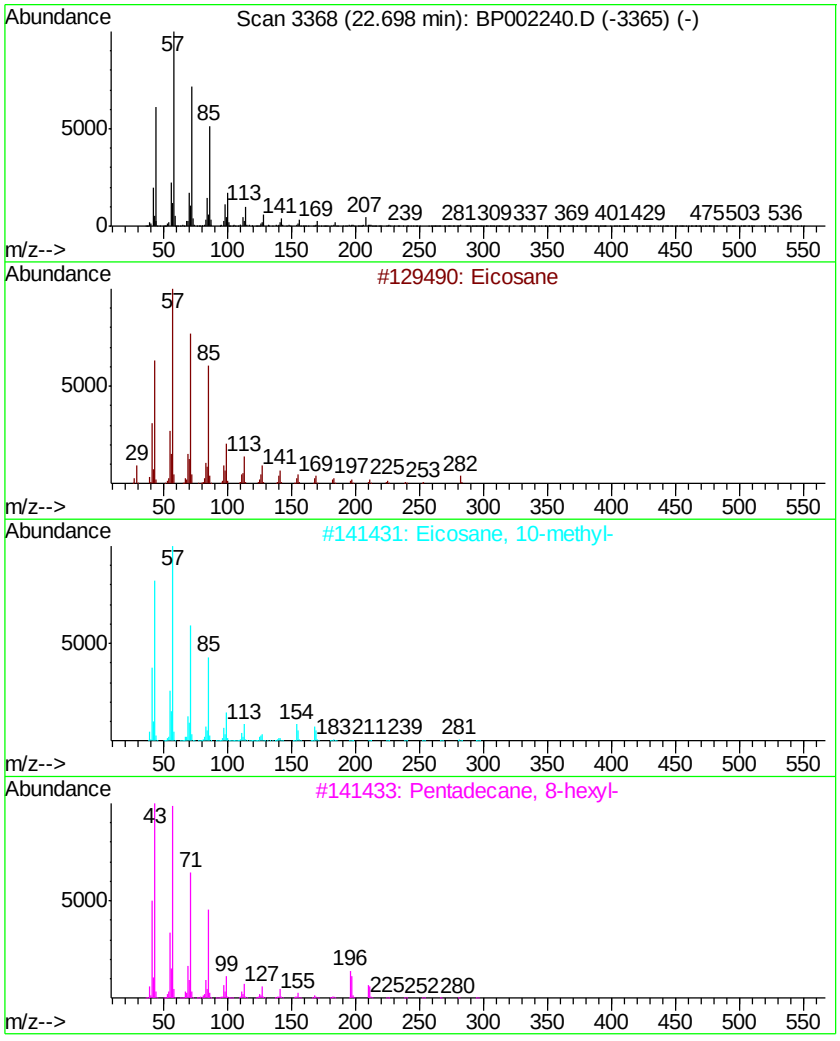
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

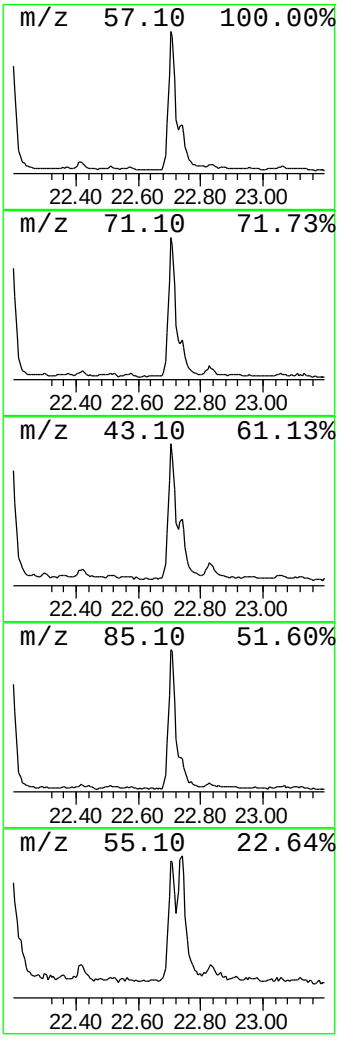
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.76 ng	690405	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	Pentadecane	212	C15H32	000629-62-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002240.D
Acq On : 05 May 2020 17:02
Operator : CG/JU
Sample : L2483-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6FT-TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

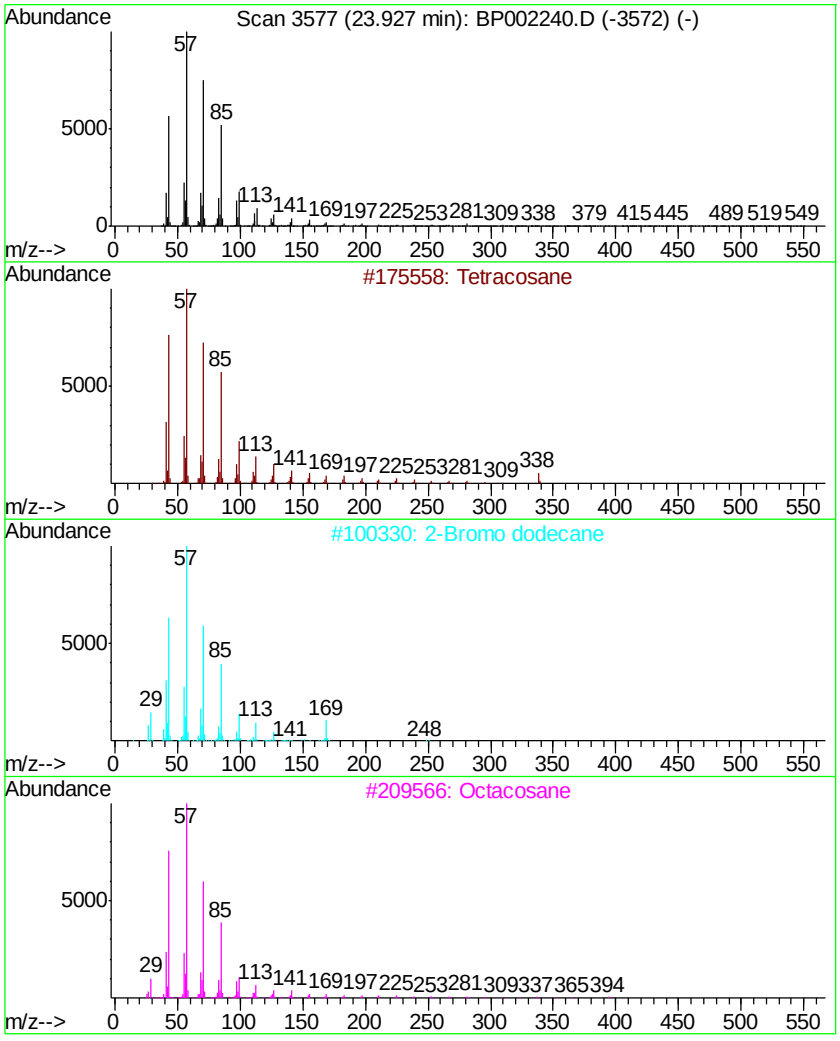
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

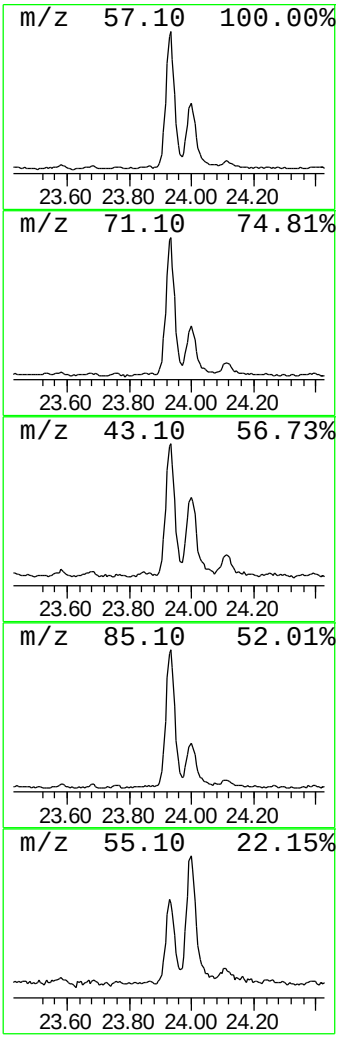
****

Peak Number 8 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.66 ng	665823	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Octacosane	394	C28H58	000630-02-4	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002240.D
Acq On : 05 May 2020 17:02
Operator : CG/JU
Sample : L2483-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6FT-TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

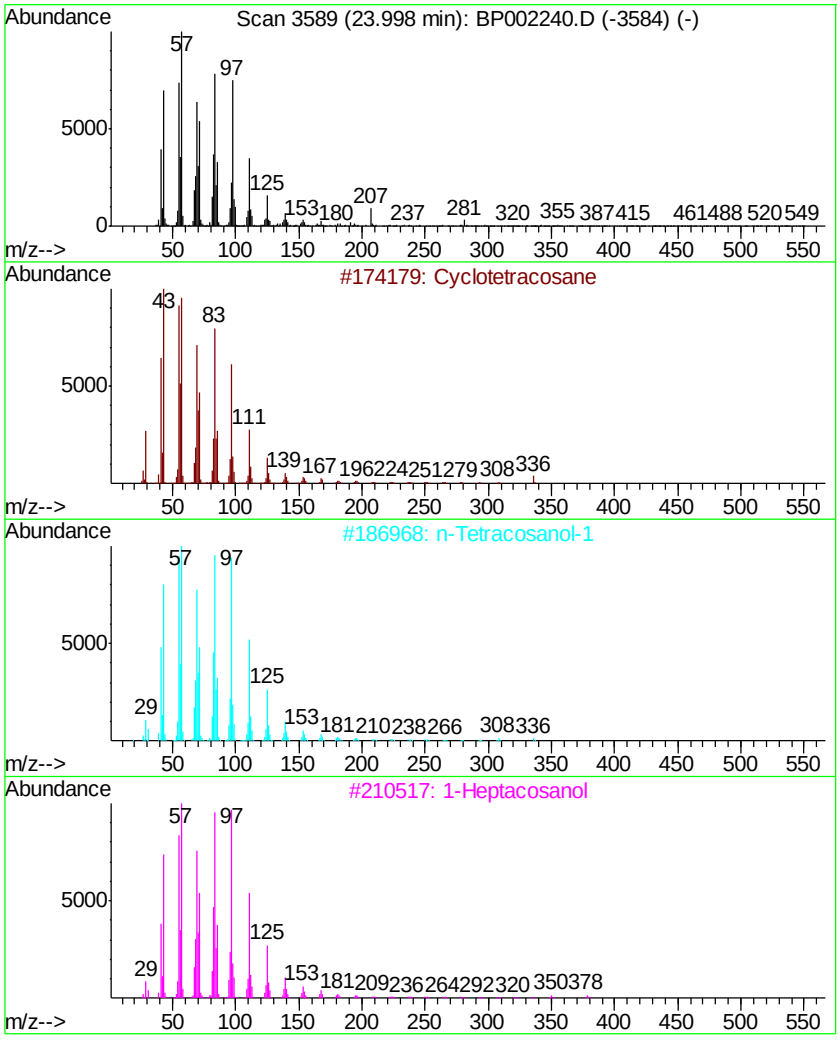
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

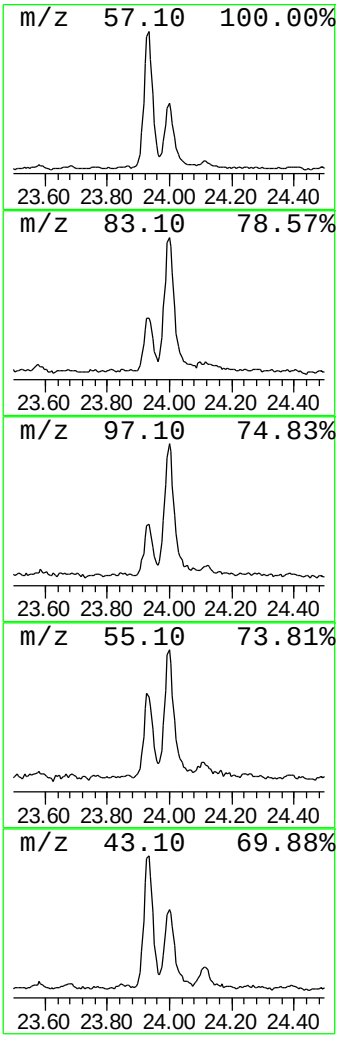
****

Peak Number 9 Cyclotetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.57 ng	642719	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	1-Triacontanol	438	C30H62O	000593-50-0	91
5	Octacosanol	410	C28H58O	000557-61-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP050520\
Data File : BP002240.D
Acq On : 05 May 2020 17:02
Operator : CG/JU
Sample : L2483-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6FT-TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP050420.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...	2.92	3.9	ng	228009	1	7.62	1174780	20.0
n-Hexadecanoic acid	17.95	3.9	ng	645959	4	17.01	3274950	20.0
2- Chloropropioni...	20.86	9.4	ng	1883530	5	21.10	4004580	20.0
Heptacosyl acetate	21.74	5.8	ng	1162330	5	21.10	4004580	20.0
Eicosane	22.20	2.9	ng	581856	5	21.10	4004580	20.0
Eicosane, 10-methyl-	22.70	2.8	ng	690405	6	23.31	5010380	20.0
Tetracosane	23.93	2.7	ng	665823	6	23.31	5010380	20.0
Cyclotetracosane	24.00	2.6	ng	642719	6	23.31	5010380	20.0