LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

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-BP071020.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	5.187	384	391	409	rBV	2072705	3177041	63.17%	8.153%
2	6.763	651	659	676	rBV	2011334	3355282	66.72%	8.610%
3	7.181	726	730	742	rBV	24680	60174	1.20%	0.154%
4	7.557	784	794	805	rBV	655163	1030997	20.50%	2.646%
5	8.704	979	989	1013	rBV	1265272	2182388	43.40%	5.600%
6	10.328	1258	1265	1282	rBV	851509	1473346	29.30%	3.781%
7	12.822	1682	1689	1708	rBV	2770433	4300152	85.51%	11.035%
8	13.669	1828	1833	1841	rBV	433012	623264	12.39%	1.599%
9	14.210	1918	1925	1934	rBV2	1266307	1926816	38.31%	4.945%
10	14.681	1997	2005	2015	rBV2	30274	79985	1.59%	0.205%
11	15.716	2174	2181	2192	rBV	2009353	3088098	61.41%	7.925%
12	16.410	2291	2299	2306	rBV5	37255	94271	1.87%	0.242%
13	16.969	2388	2394	2404	rBV	1444064	2122062	42.20%	5.446%
14	17.051	2404	2408	2412	rBV4	36326	63693	1.27%	0.163%
15	17.092	2412	2415	2420	rVB2	47373	62130	1.24%	0.159%
16	17.898	2548	2552	2559	rBV	243190	384763	7.65%	0.987%
17	18.110	2583	2588	2596	rVB	85302	184474	3.67%	0.473%
18	18.469	2645	2649	2654	rVB	52942	66435	1.32%	0.170%
19	18.627	2672	2676	2681	rBV	307532	389320	7.74%	0.999%
20	18.716	2688	2691	2694	rBV	40531	55432	1.10%	0.142%
21	19.027	2740	2744	2747	rVV	89283	106978	2.13%	0.275%
22	19.063	2747	2750	2756	rVB3	47487	65392	1.30%	0.168%
23	19.304	2785	2791	2797	rVV3	170903	396198	7.88%	1.017%
24	19.557	2829	2834	2847	rVB	3914721	5028983	100.00%	12.905%
25	19.769	2867	2870	2874	rBV2	38197	55907	1.11%	0.143%
26	20.192	2938	2942	2948	rBV	341841	551840	10.97%	1.416%
27	20.369	2966	2972	2981	rVB6	58527	162371	3.23%	0.417%
28	20.816	3044	3048	3056	rBV	680072	899254	17.88%	2.308%
29	20.933	3064	3068	3075	rVB	266871	443191	8.81%	1.137%
30	21.080	3088	3093	3098	rBV	1420786	1772880	35.25%	4.550%
31	21.598	3177	3181	3190	rBV	204090	375476	7.47%	0.964%
32	21.692	3191	3197	3207	rVV3	293794	577641	11.49%	1.482%
33	22.627	3352	3356	3361	rVB	296245	403538	8.02%	1.036%
34	23.268	3459	3465	3474	rVB2	775967	1462440	29.08%	3.753%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

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-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.821	3556	3559	3566	rVB	162701	281414	5.60%	0.722%
36	23.910	3569	3574	3586	rVB	253207	590674	11.75%	1.516%
37	26.286	3971	3978	3994	rVB2	326531	1073817	21.35%	2.756%

Sum of corrected areas: 38968117

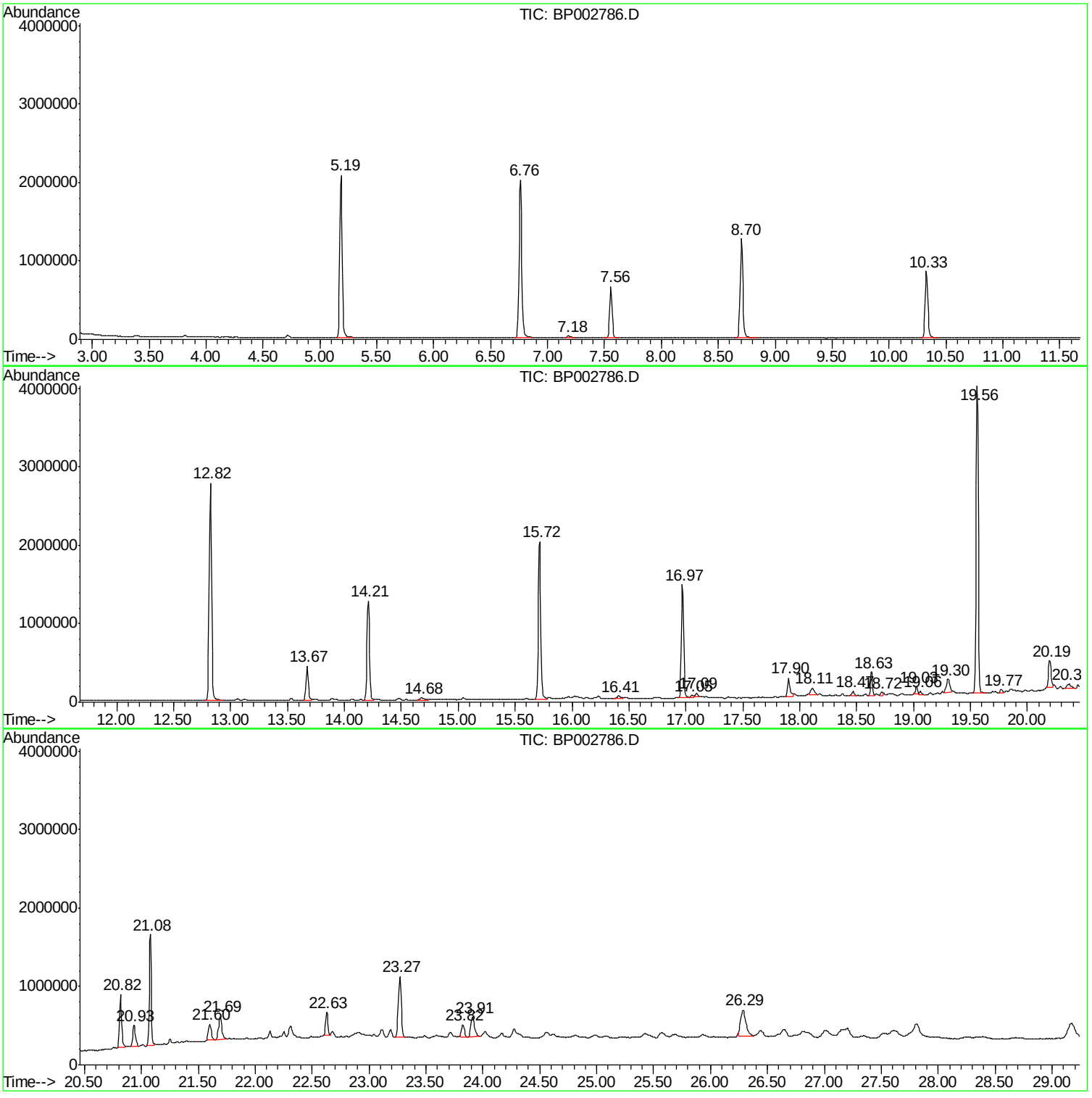
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

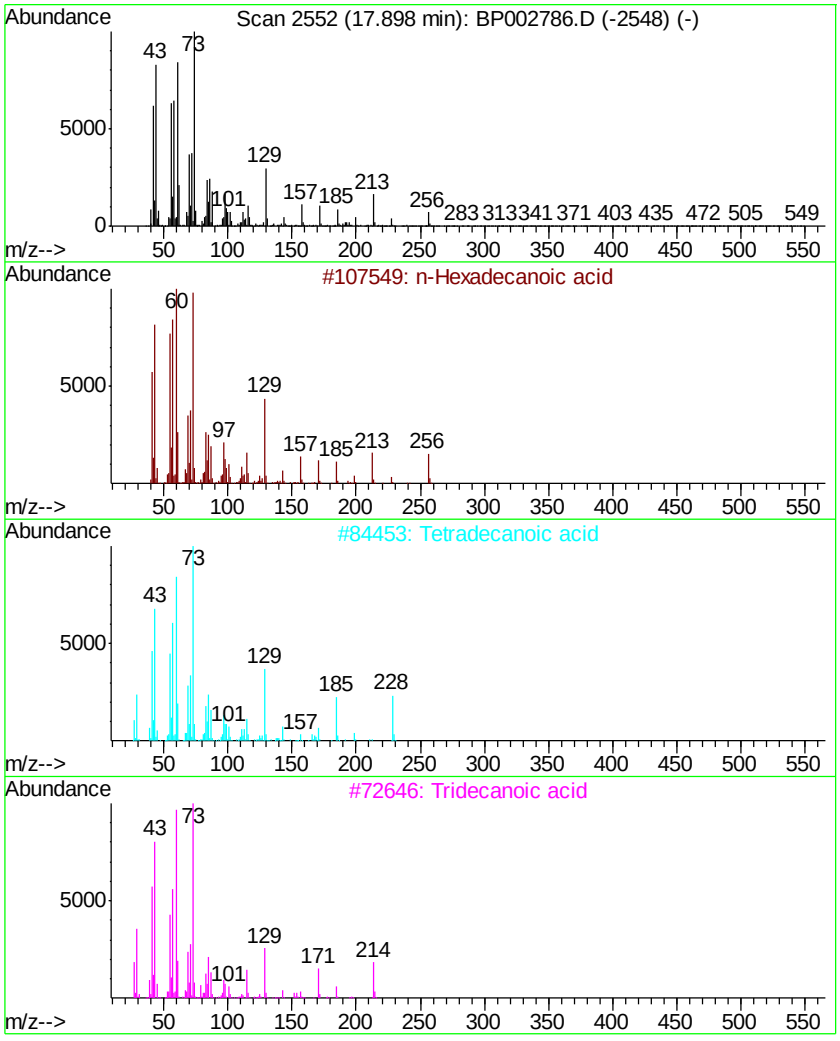
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

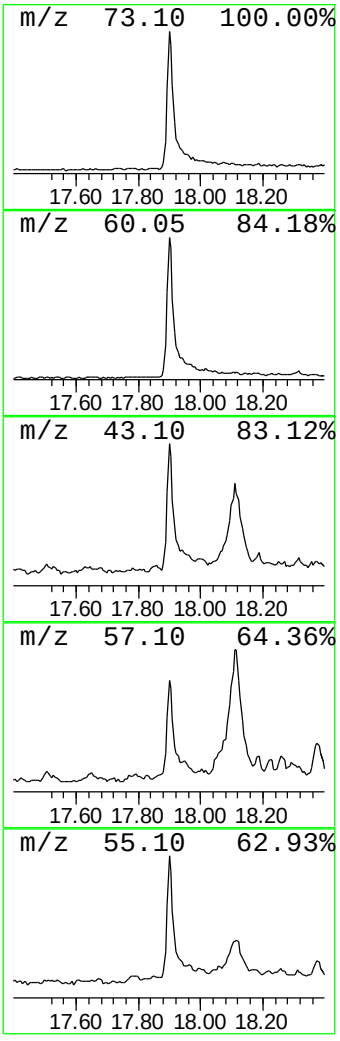
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	3.63 ng	384763	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

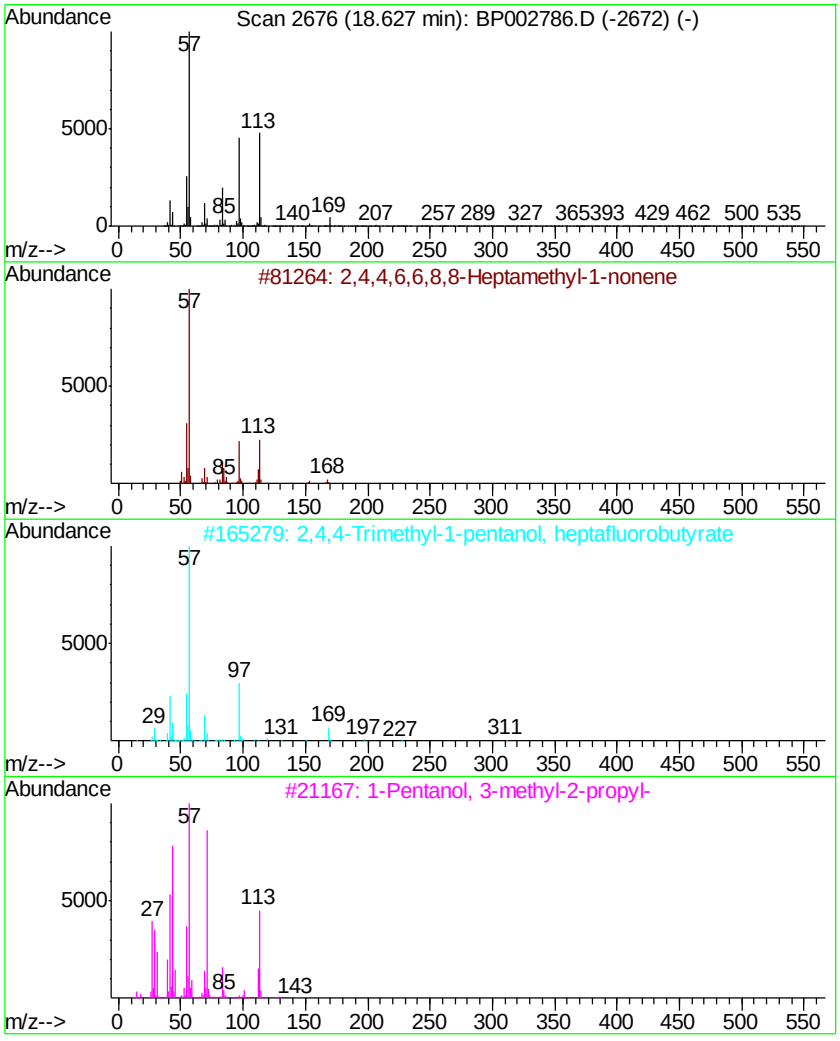
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

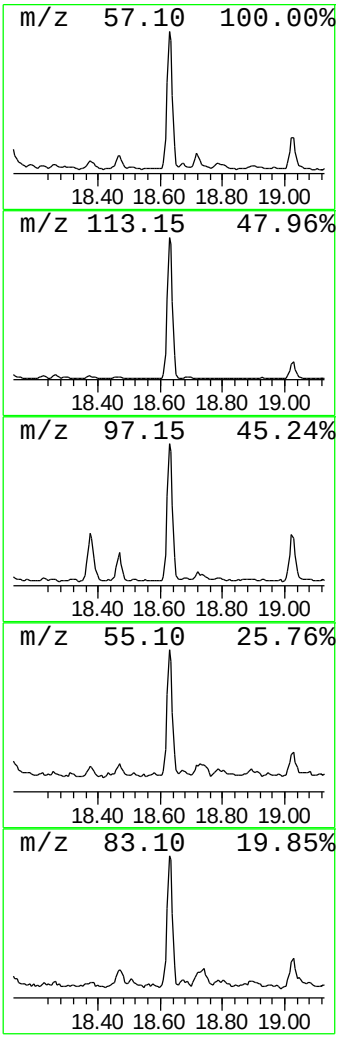
****

Peak Number 2 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	3.67 ng	389320	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	56
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	43
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	40
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
5	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

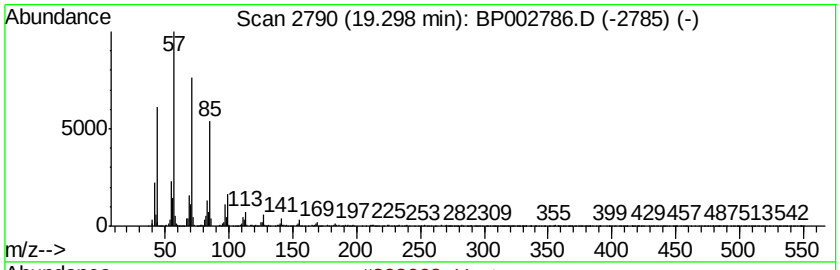
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

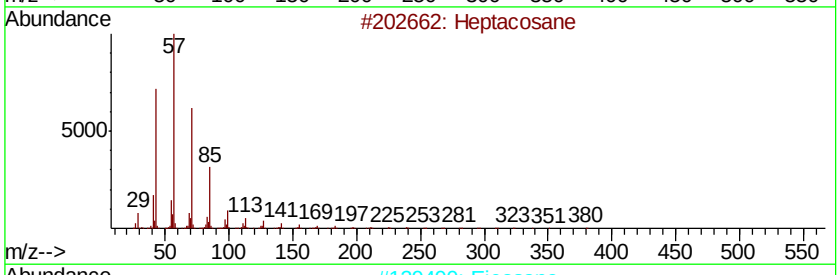
****

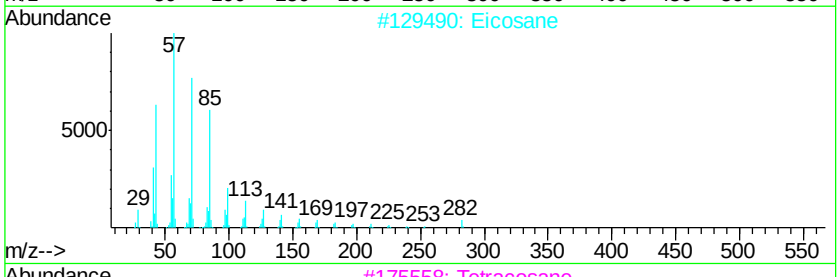
Peak Number 3 Heptacosane Concentration Rank 8

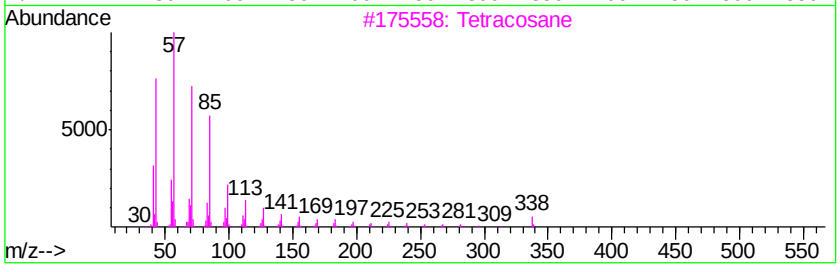
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	4.47 ng	396198	Chrysene-d12	21.08

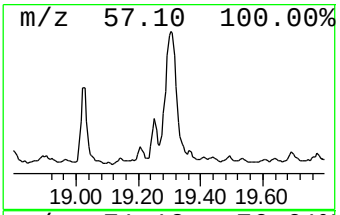
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	94
2	Eicosane	282	C20H42	000112-95-8	94
3	Tetracosane	338	C24H50	000646-31-1	94
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5	Hexatriacontane	507	C36H74	000630-06-8	91

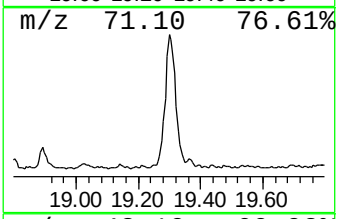


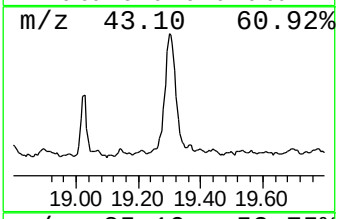


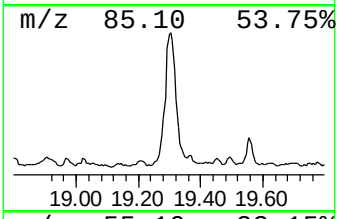


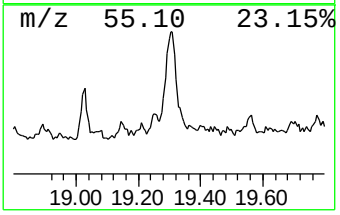












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

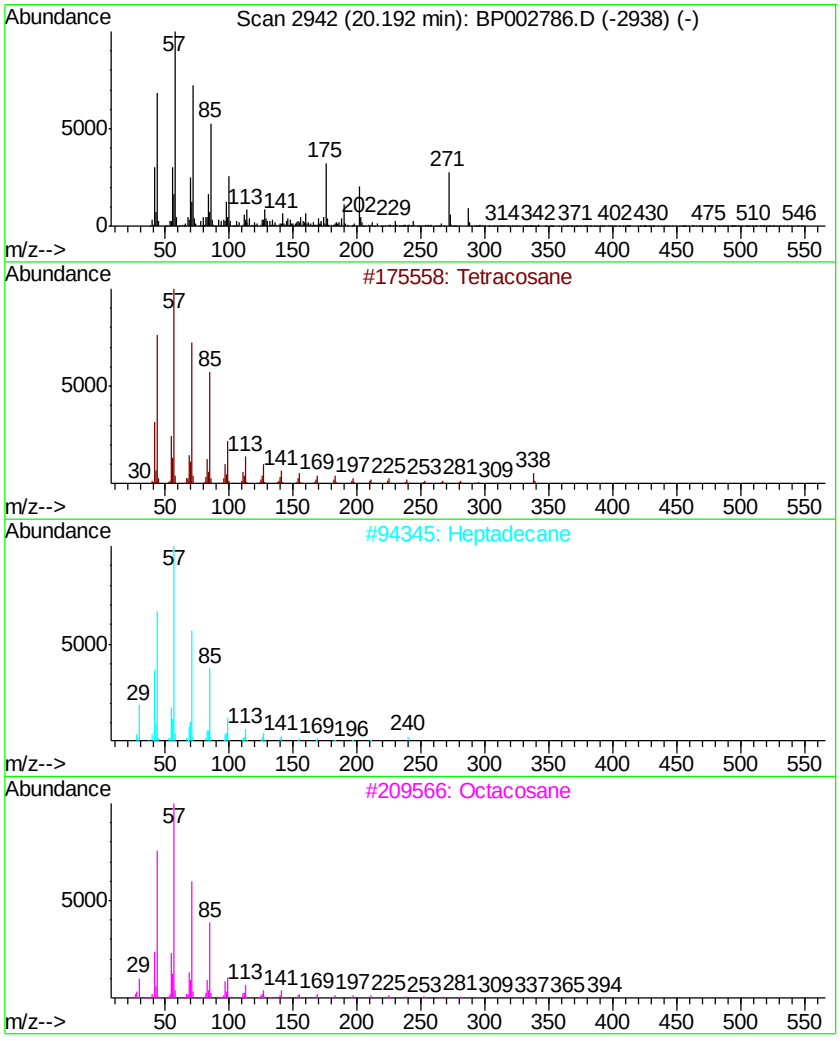
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

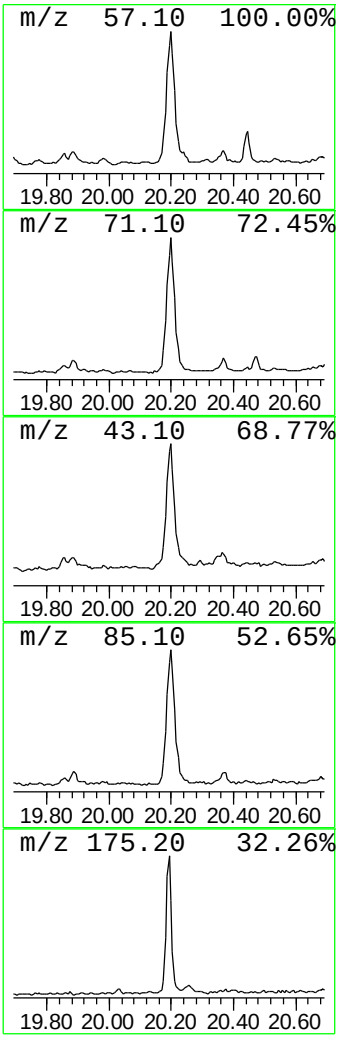
****

Peak Number 4 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	6.23 ng	551840	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	70
2	Heptadecane	240	C17H36	000629-78-7	55
3	Octacosane	394	C28H58	000630-02-4	50
4	Hexacosane	366	C26H54	000630-01-3	50
5	2-methyloctacosane	408	C29H60	1000376-72-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

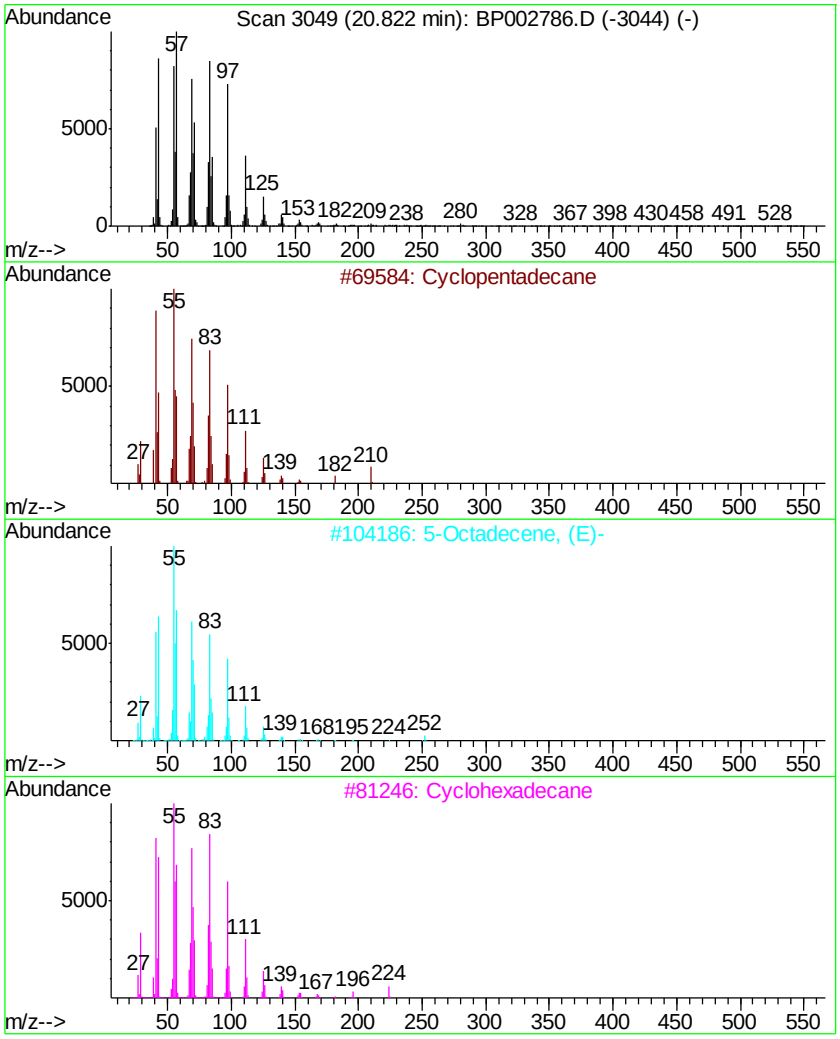
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

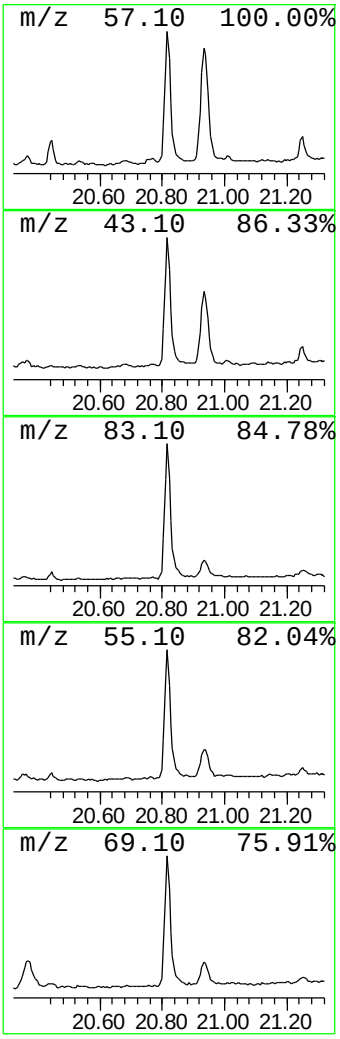
****

Peak Number 5 Cyclopentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	10.14 ng	899254	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

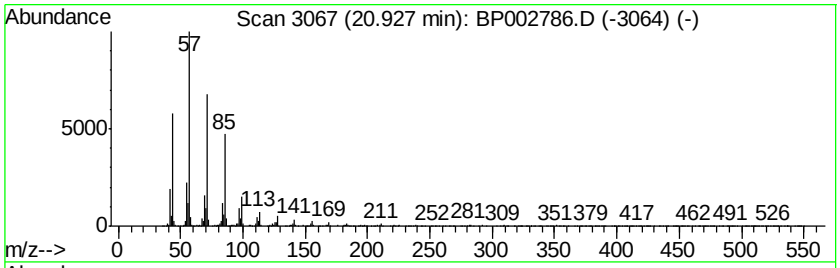
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

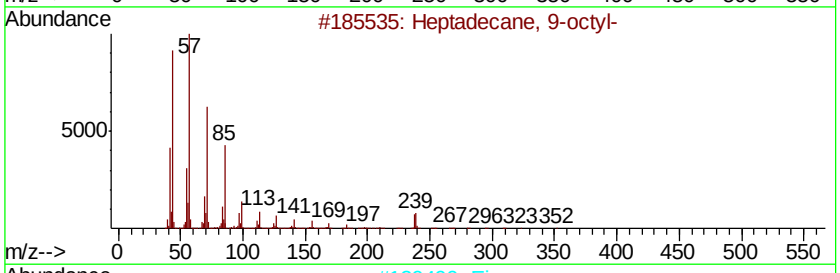
****

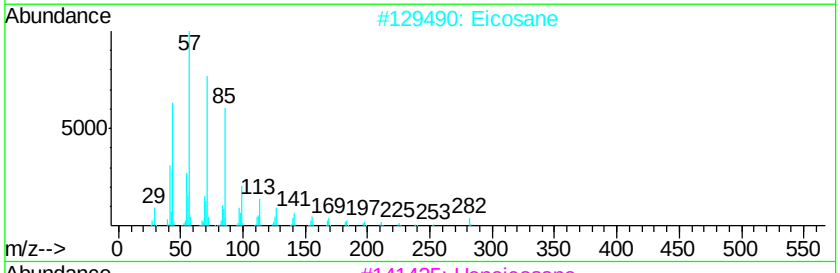
Peak Number 6 Heneicosane Concentration Rank 7

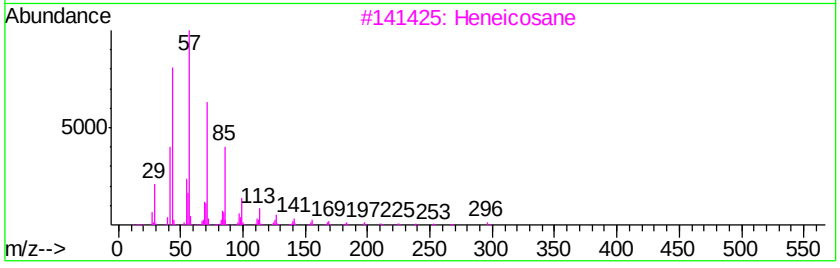
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	5.00 ng	443191	Chrysene-d12	21.08

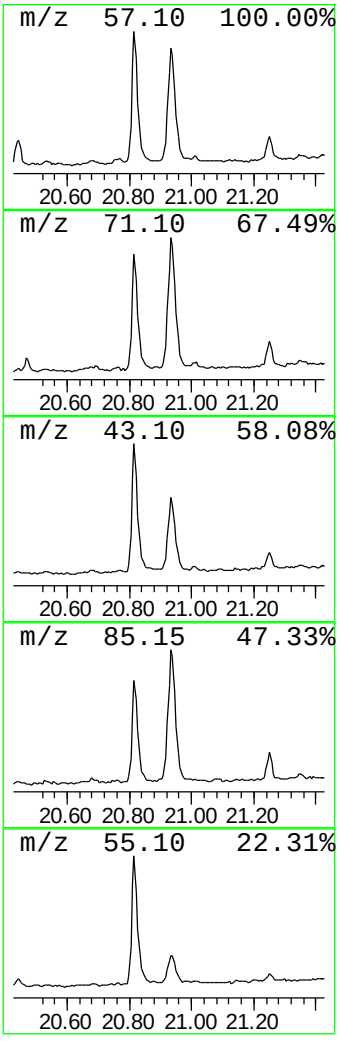
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Eicosane	282	C20H42	000112-95-8	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexacosane	366	C26H54	000630-01-3	91











Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

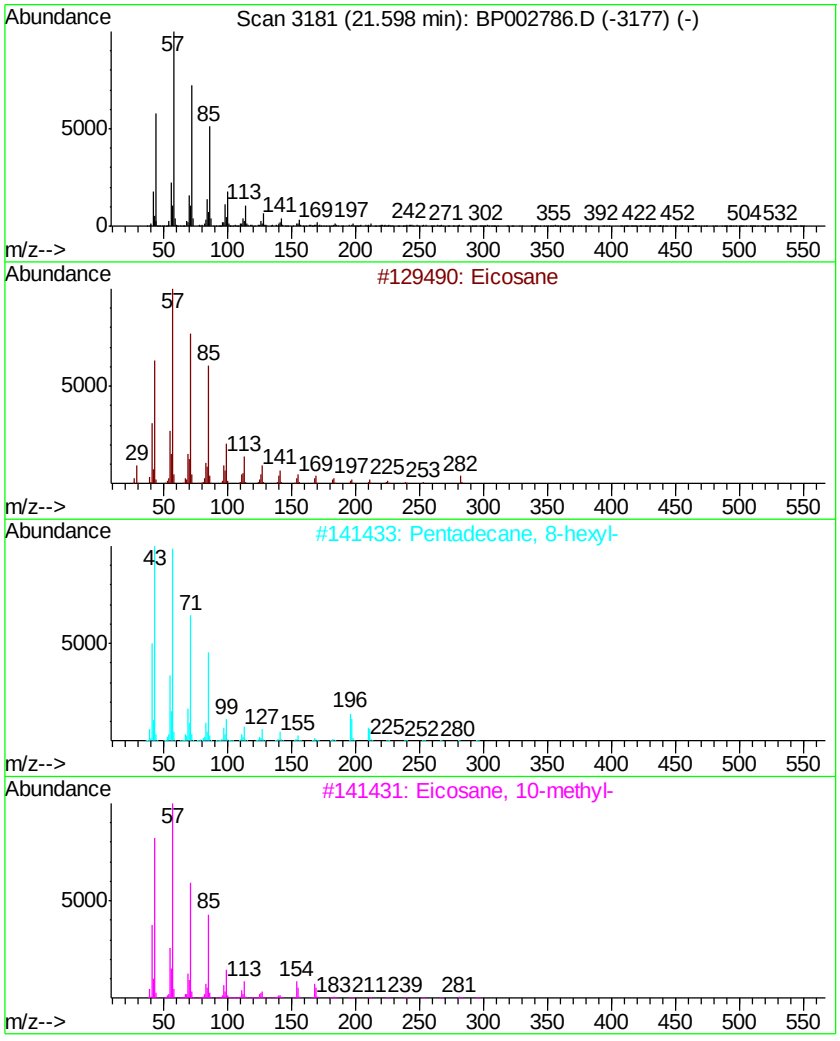
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

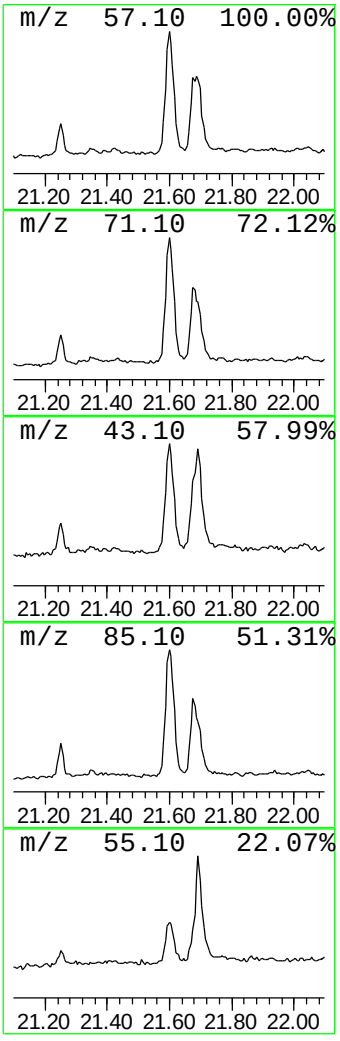
****

Peak Number 7 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	4.24 ng	375476	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

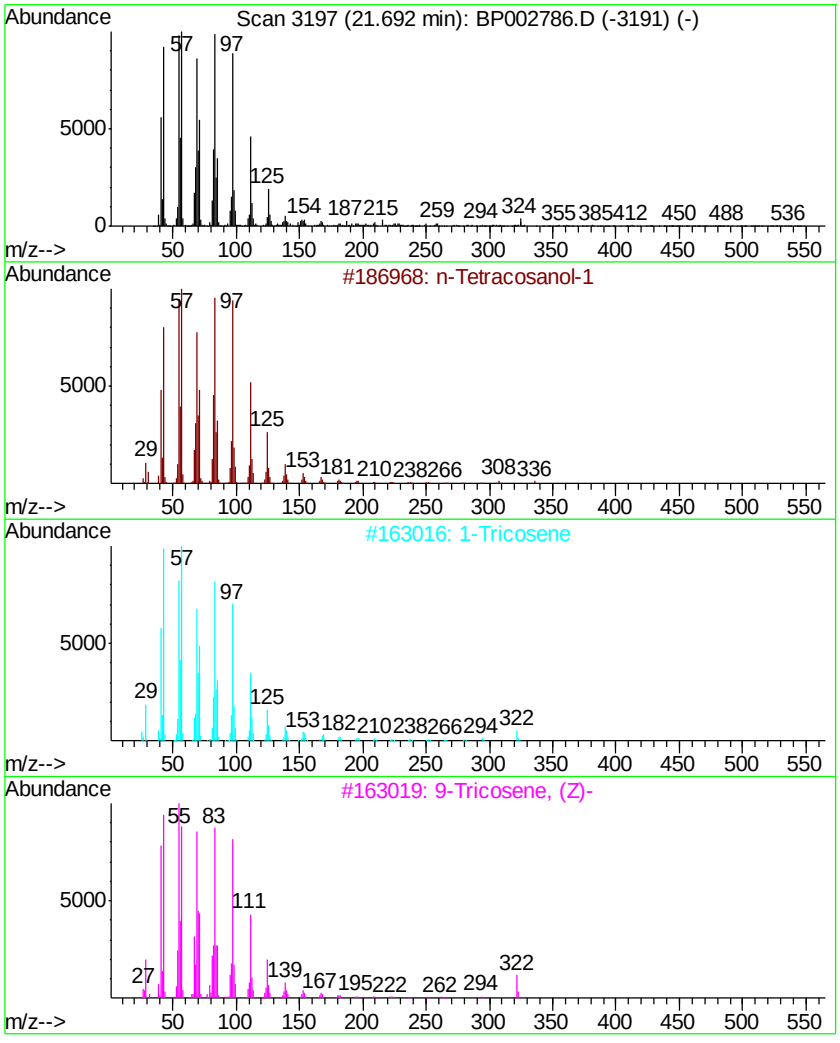
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

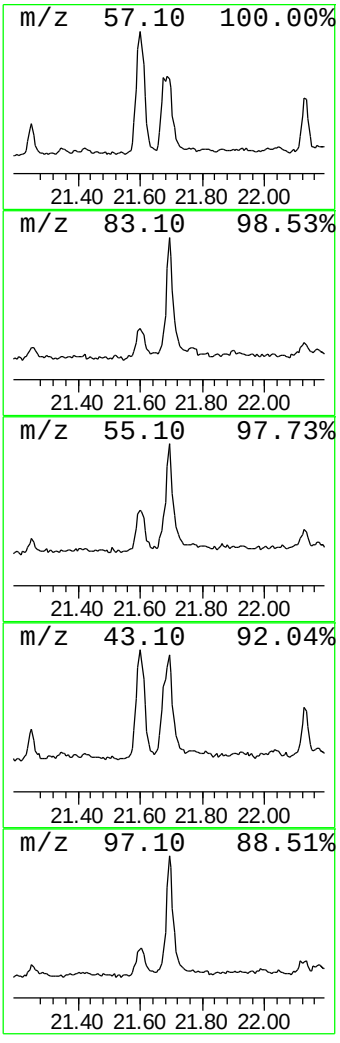
****

Peak Number 8 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	6.52 ng	577641	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	1-Tricosene	322	C23H46	018835-32-0	93
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

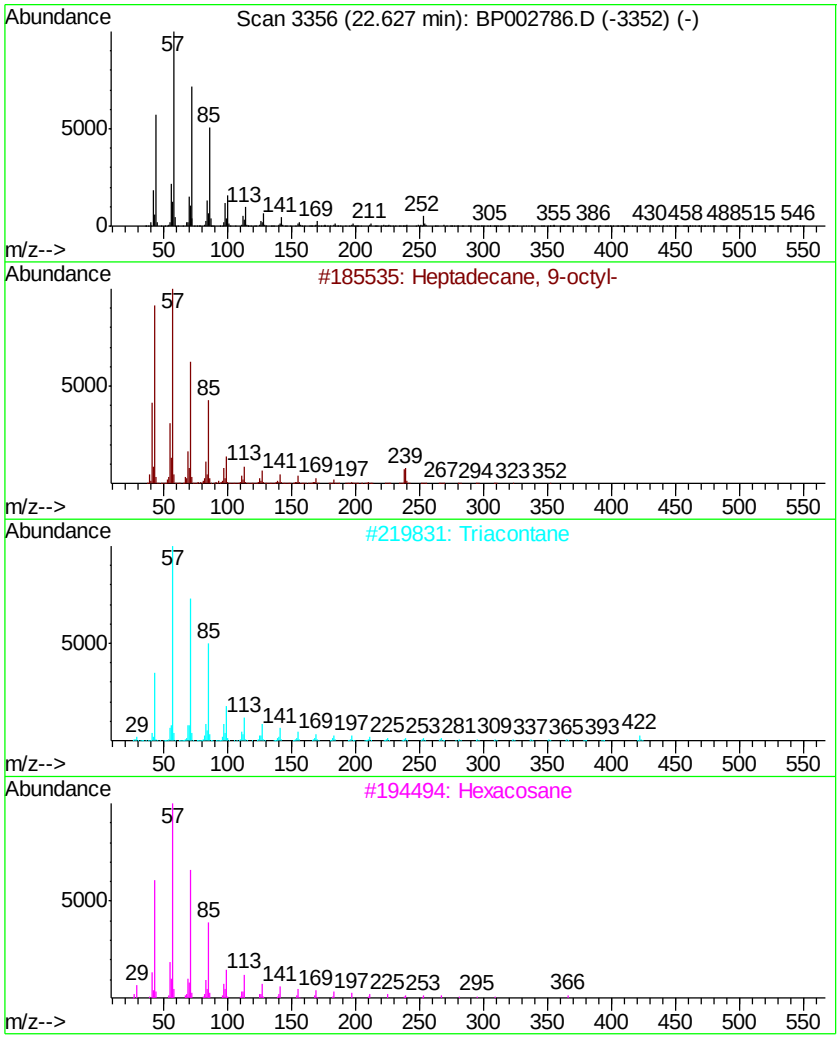
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

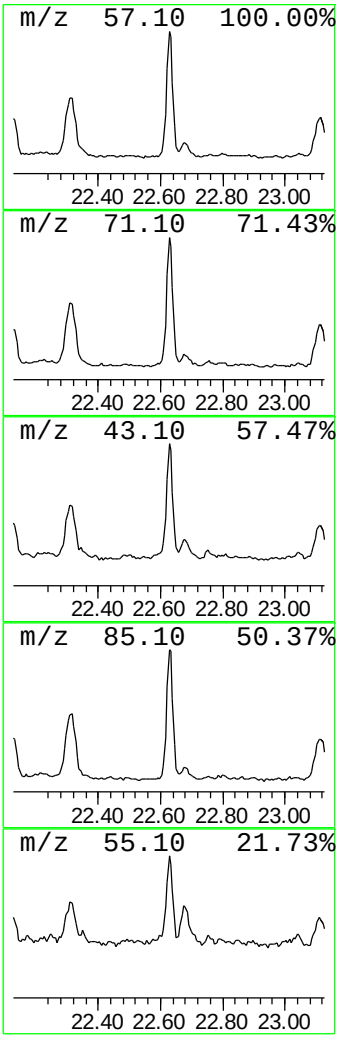
****

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	5.52 ng	403538	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Triacontane	422	C30H62	000638-68-6	94
3	Hexacosane	366	C26H54	000630-01-3	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Hexadecane	226	C16H34	000544-76-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

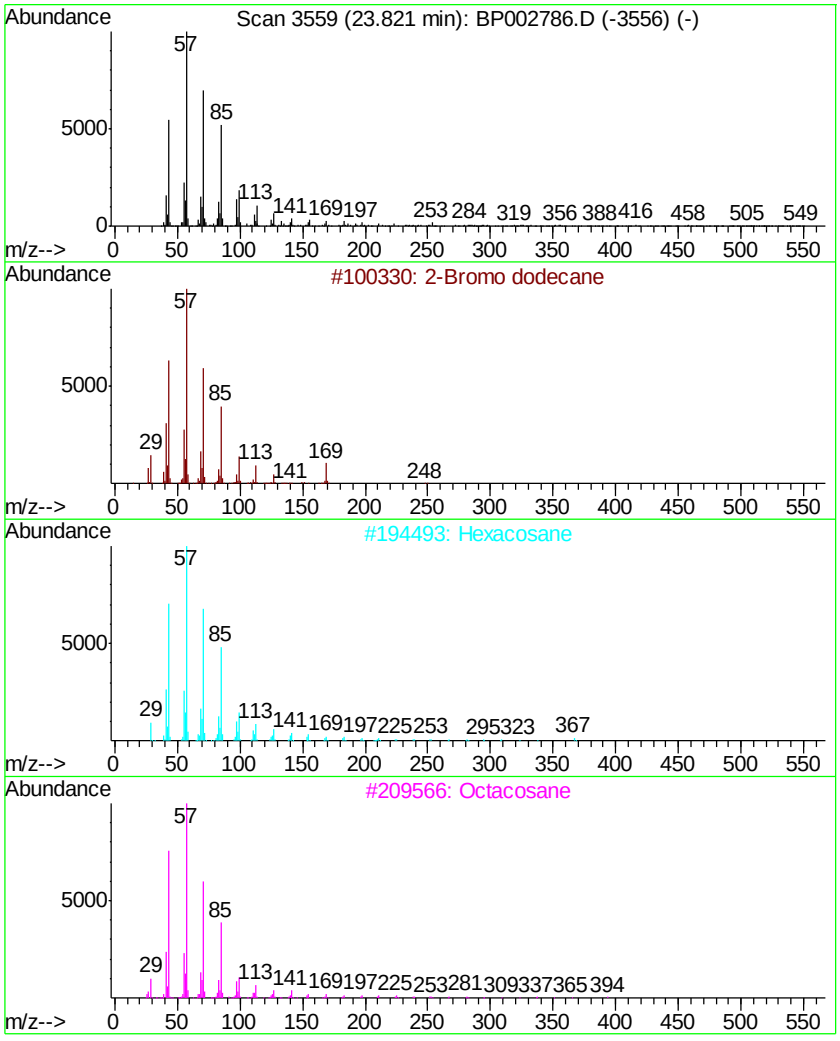
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

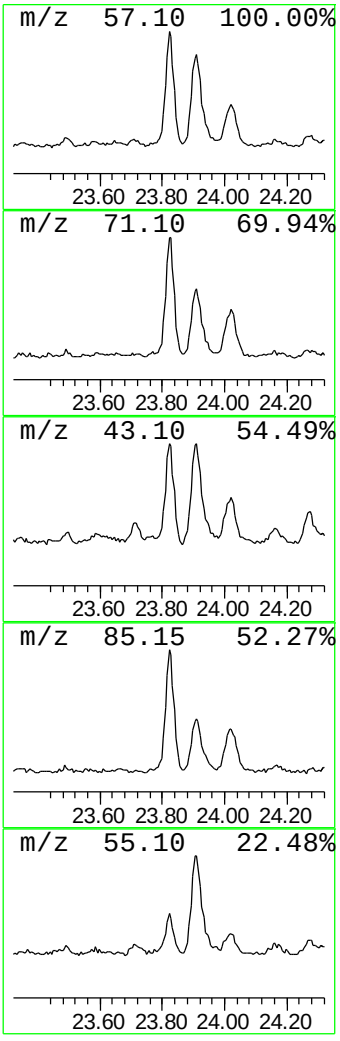
****

Peak Number 10 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	3.85 ng	281414	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

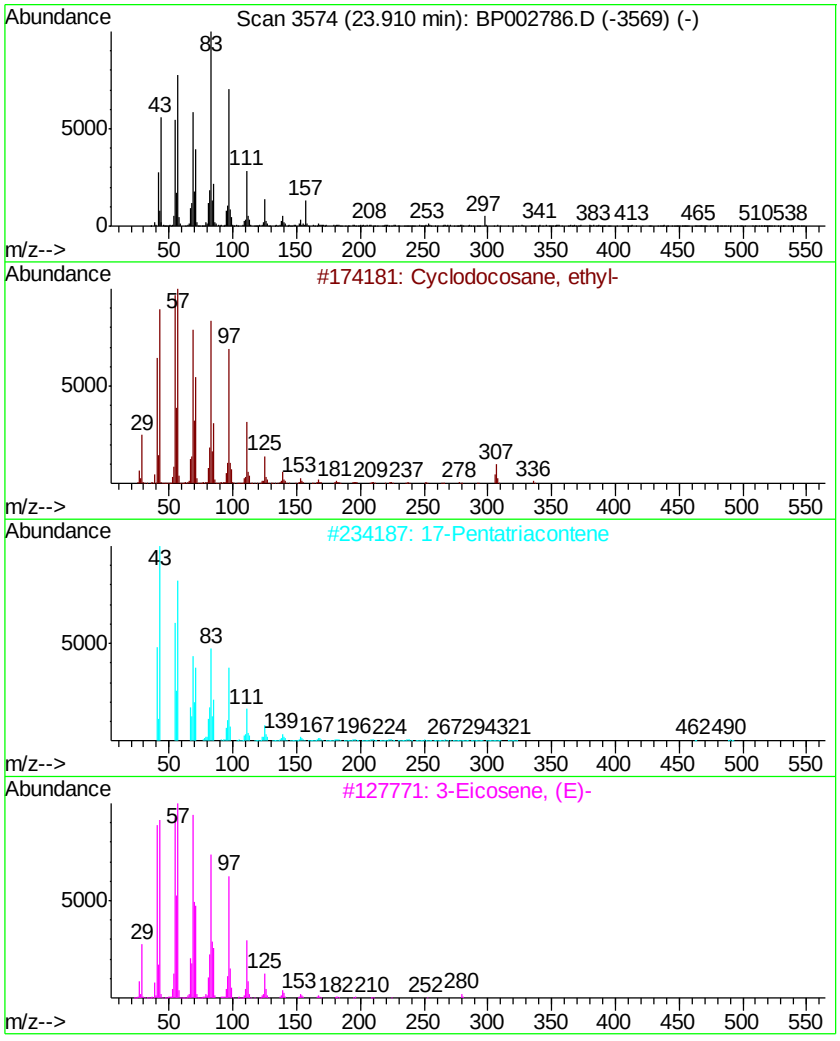
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

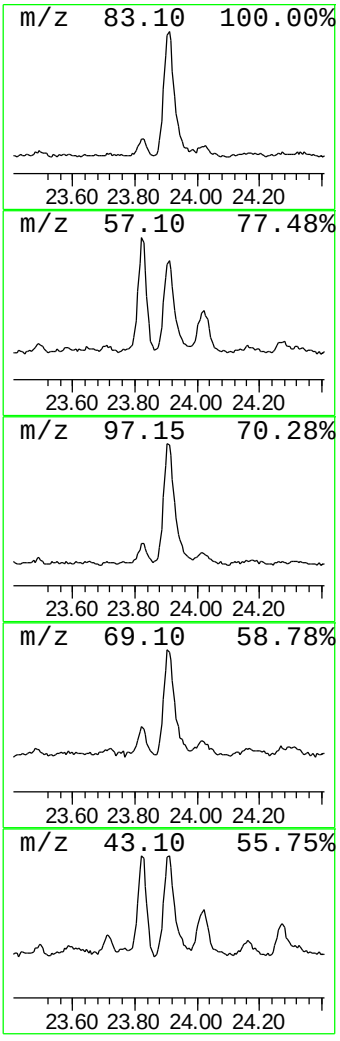
****

Peak Number 11 Cyclodocosane, ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	8.08 ng	590674	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	68
2	17-Pentatriacontene	491	C35H70	006971-40-0	58
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	58
4	Octacosanol	410	C28H58O	000557-61-9	41
5	Z-12-Pentacosene	350	C25H50	1000131-09-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

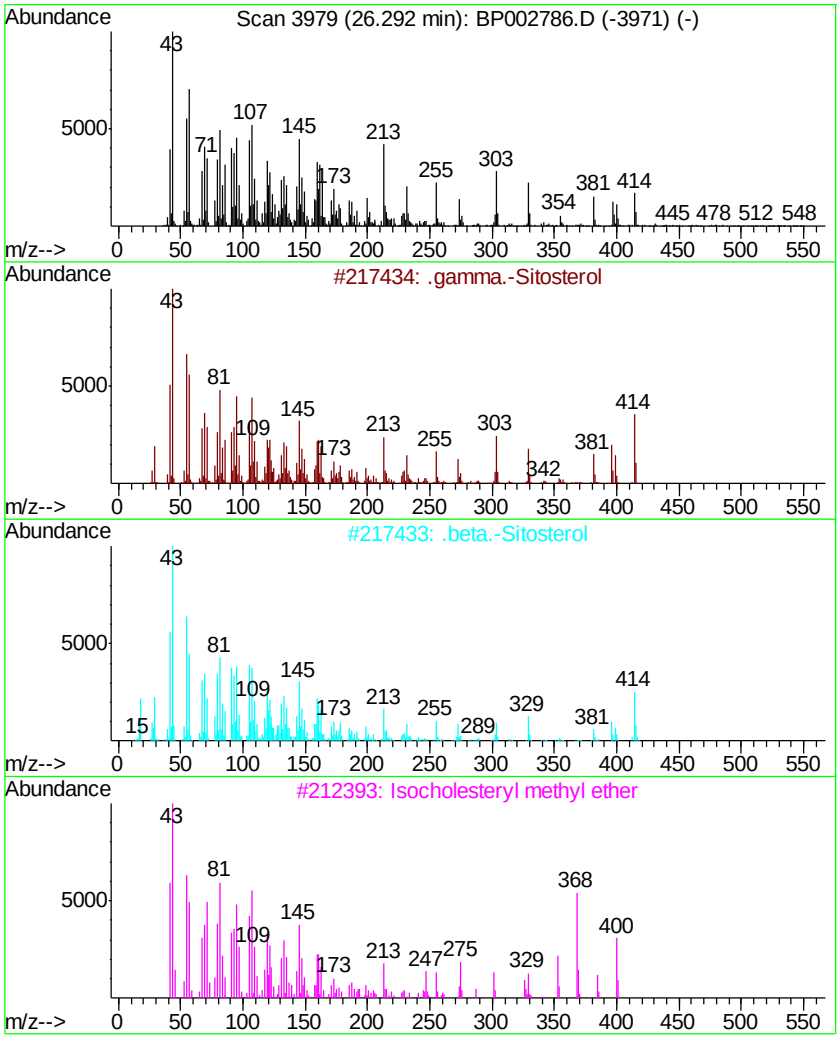
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

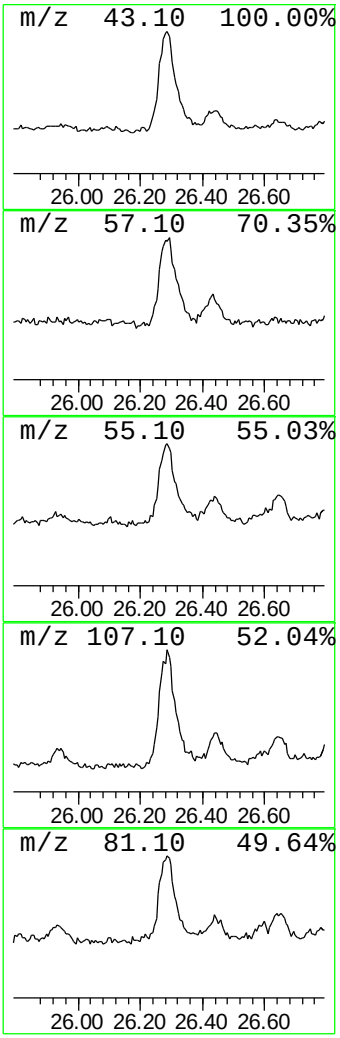
****

Peak Number 12 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.29	14.69 ng	1073820	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
3	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	47
4	Campesterol	400	C28H48O	000474-62-4	46
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP071720\
Data File : BP002786.D
Acq On : 17 Jul 2020 11:48
Operator : CG/JU
Sample : L3308-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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
n-Hexadecanoic acid	17.90	3.6	ng	384763	4	16.97	2122060	20.0
2,4,4,6,6,8,8-Hep...	18.63	3.7	ng	389320	4	16.97	2122060	20.0
Heptacosane	19.30	4.5	ng	396198	5	21.08	1772880	20.0
Tetracosane	20.19	6.2	ng	551840	5	21.08	1772880	20.0
Cyclopentadecane	20.82	10.1	ng	899254	5	21.08	1772880	20.0
Heneicosane	20.93	5.0	ng	443191	5	21.08	1772880	20.0
Eicosane	21.60	4.2	ng	375476	5	21.08	1772880	20.0
n-Tetracosanol-1	21.69	6.5	ng	577641	5	21.08	1772880	20.0
Heptadecane, 9-oc...	22.63	5.5	ng	403538	6	23.27	1462440	20.0
2-Bromo dodecane	23.82	3.9	ng	281414	6	23.27	1462440	20.0
Cyclodocosane, et...	23.91	8.1	ng	590674	6	23.27	1462440	20.0
.gamma.-Sitosterol	26.29	14.7	ng	1073820	6	23.27	1462440	20.0