LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

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_F\METHODS\8270-BF051420.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	5.198	525	529	562	rBV	5167698	6419496	80.93%	10.386%
2	6.245	702	707	737	rBV	4907623	6826940	86.07%	11.045%
3	6.586	762	765	777	rBV	1069807	1340650	16.90%	2.169%
4	6.745	787	792	810	rBV	4533914	5136936	64.76%	8.311%
5	7.163	858	863	887	rBV	3319860	4242231	53.48%	6.863%
6	7.875	980	984	1005	rBV	1465208	1837089	23.16%	2.972%
7	8.951	1162	1167	1181	rBV	6390659	7932191	100.00%	12.833%
8	9.351	1227	1235	1248	rBV	1385070	1424097	17.95%	2.304%
9	9.622	1274	1281	1286	rBV	1709685	1799053	22.68%	2.911%
10	9.957	1333	1338	1340	rBV2	66606	87640	1.10%	0.142%
11	10.027	1347	1350	1353	rVB	172835	156443	1.97%	0.253%
12	10.080	1354	1359	1366	rVV2	80211	154817	1.95%	0.250%
13	10.416	1411	1416	1428	rBV	3802046	4537477	57.20%	7.341%
14	11.110	1530	1534	1541	rBV	1950881	2059875	25.97%	3.333%
15	11.657	1623	1627	1640	rBV	940313	1141906	14.40%	1.847%
16	12.439	1757	1760	1773	rBV	571163	678003	8.55%	1.097%
17	12.545	1773	1778	1782	rVB2	66567	84280	1.06%	0.136%
18	12.704	1798	1805	1816	rBV	6145064	7151792	90.16%	11.571%
19	12.933	1841	1844	1851	rBV2	68706	82011	1.03%	0.133%
20	13.274	1898	1902	1905	rBV2	121214	132712	1.67%	0.215%
21	13.604	1955	1958	1975	rBV2	439443	879649	11.09%	1.423%
22	13.745	1978	1982	1991	rVV	1776918	1800969	22.70%	2.914%
23	13.921	2008	2012	2020	rVB	366253	323659	4.08%	0.524%
24	14.227	2060	2064	2067	rBV	550854	528343	6.66%	0.855%
25	14.521	2109	2114	2118	rBV	772880	759887	9.58%	1.229%
26	14.821	2160	2165	2169	rBV	774321	804920	10.15%	1.302%
27	15.127	2212	2217	2220	rBV	1192885	1550848	19.55%	2.509%
28	15.156	2220	2222	2233	rVB	716453	764797	9.64%	1.237%
29	15.539	2281	2287	2292	rBV	428528	610254	7.69%	0.987%
30	15.639	2296	2304	2312	rVV5	39317	122910	1.55%	0.199%
31	15.974	2356	2361	2376	rVB	182461	328928	4.15%	0.532%
32	16.486	2443	2448	2454	rVB	53147	108377	1.37%	0.175%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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_F\METHODS\8270-BF051420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 61809180

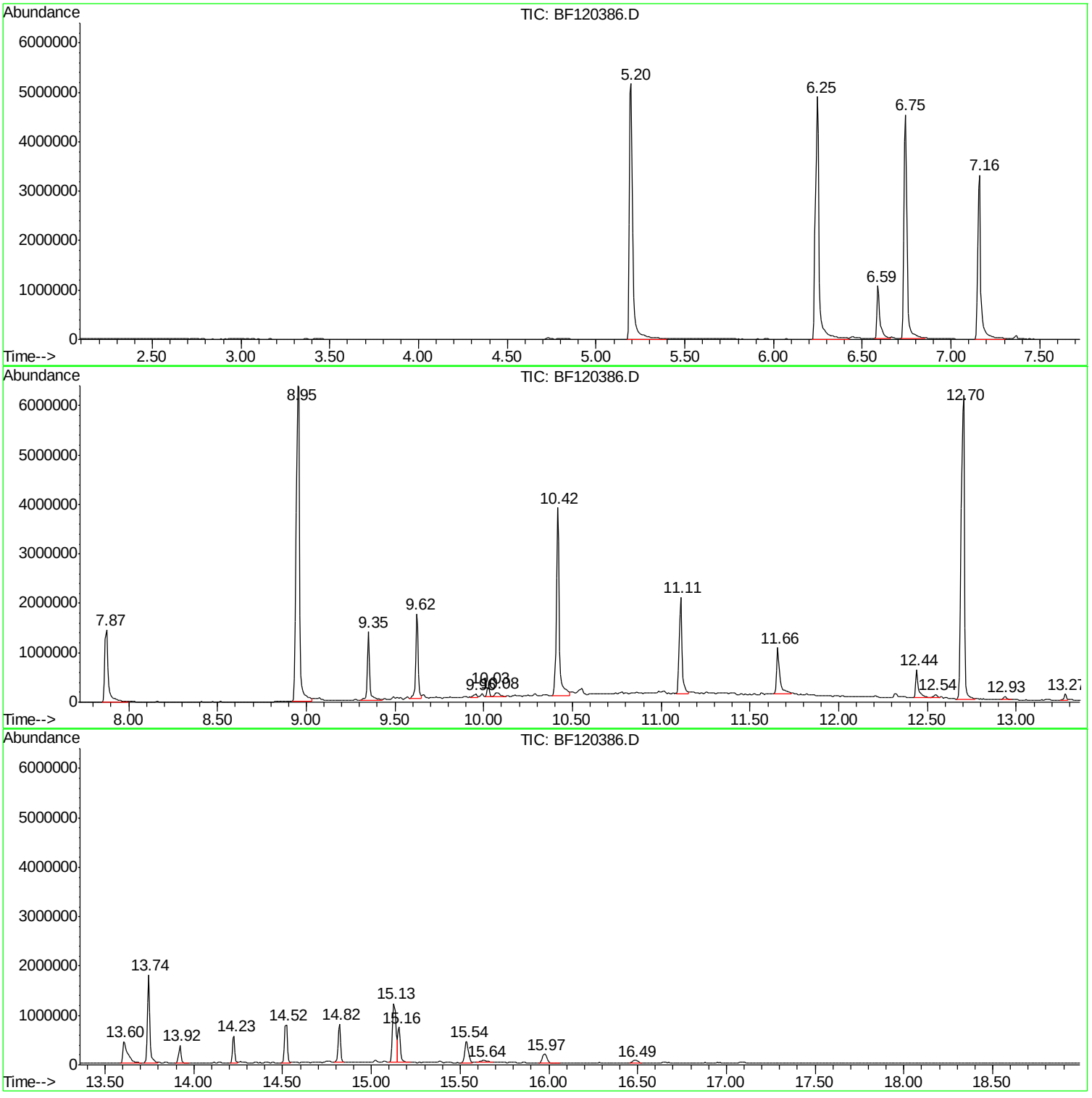
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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 F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

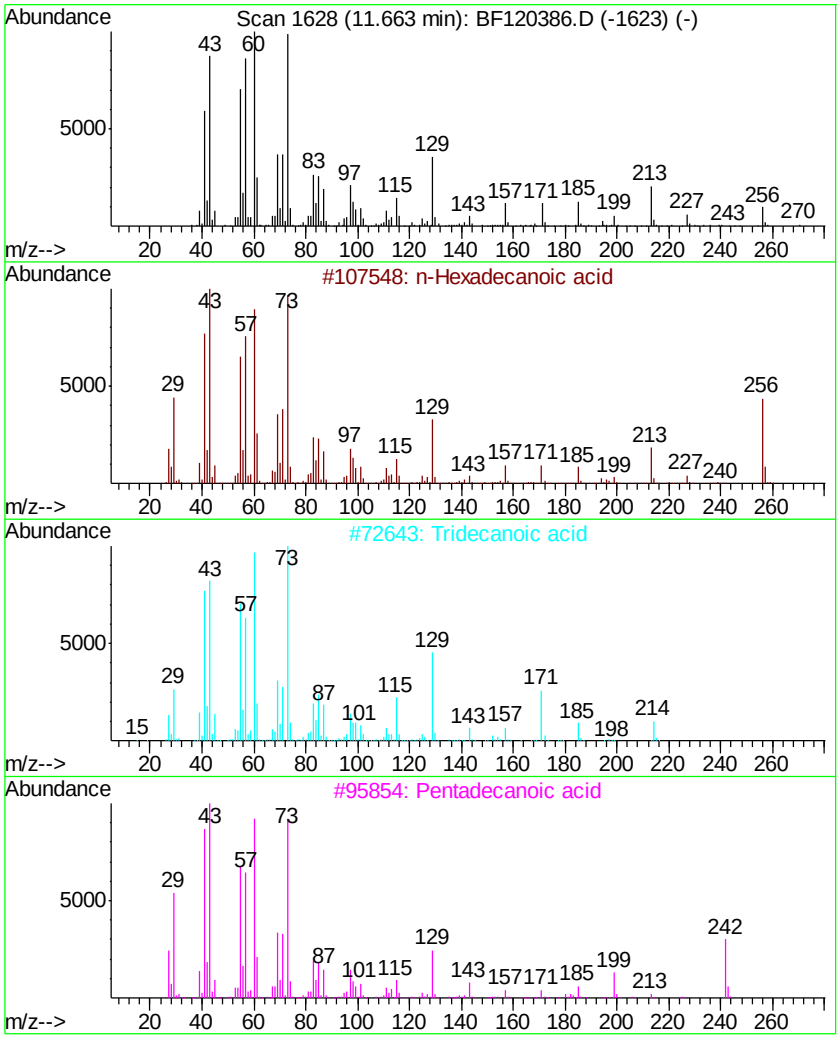
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

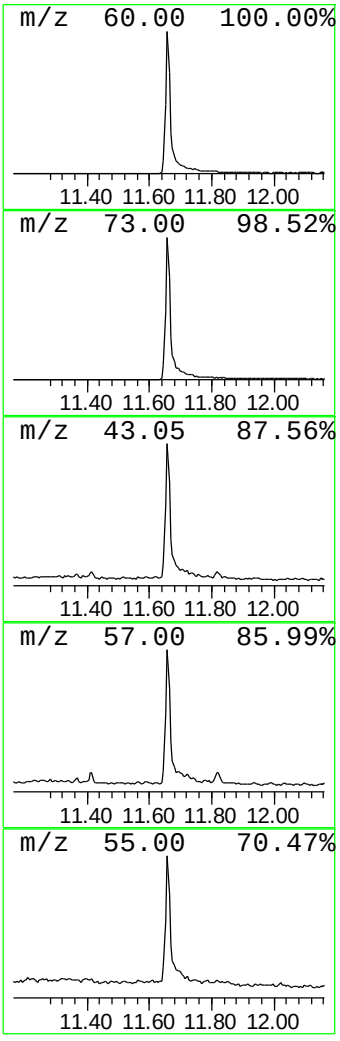
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	11.09 ng	1141910	Phenanthrene-d10	11.11

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

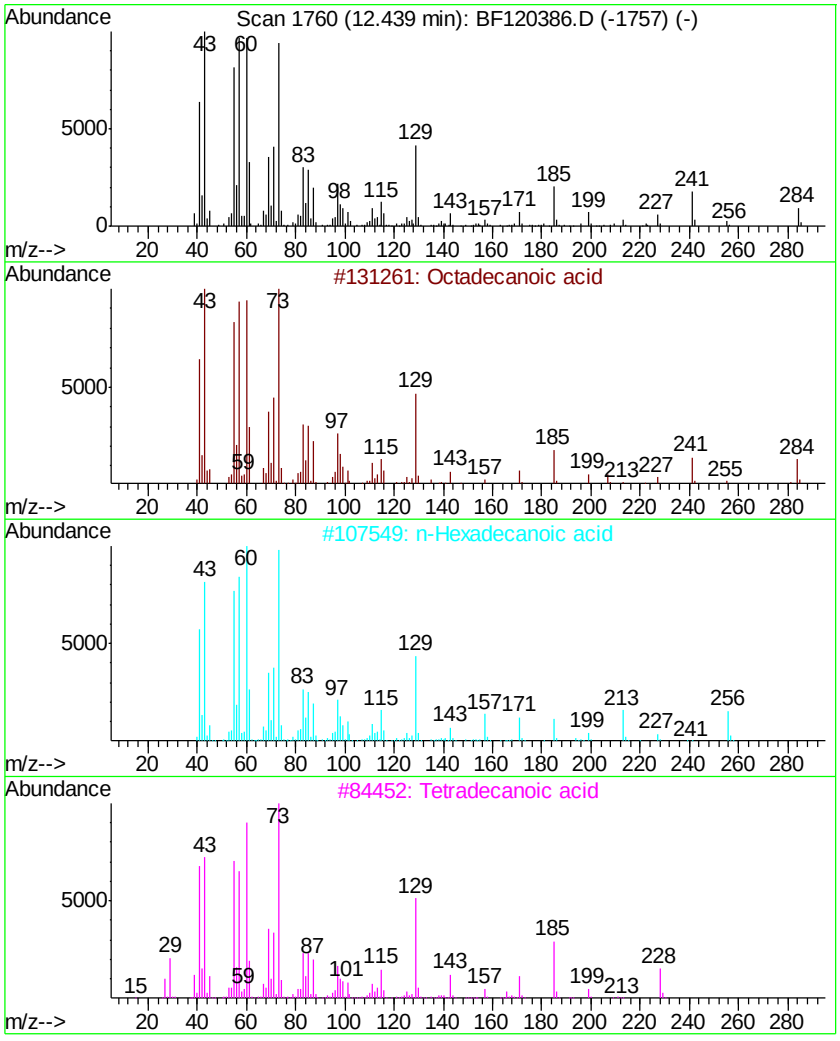
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

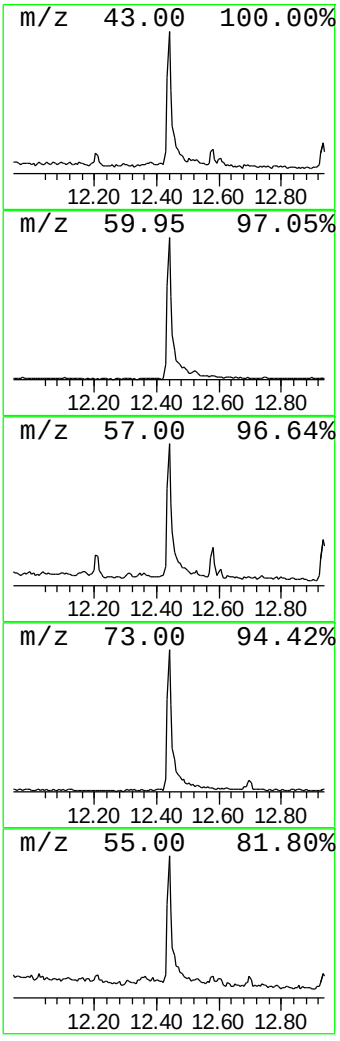
****

Peak Number 3 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	7.53 ng	678003	Chrysene-d12	13.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

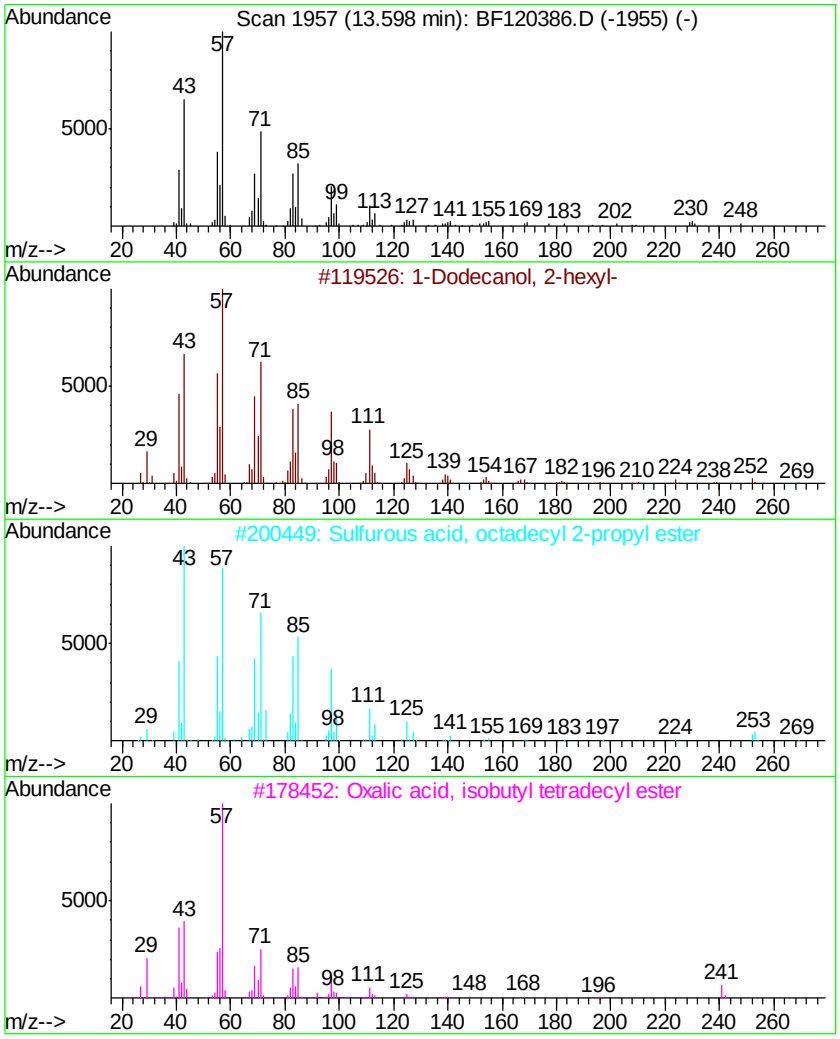
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

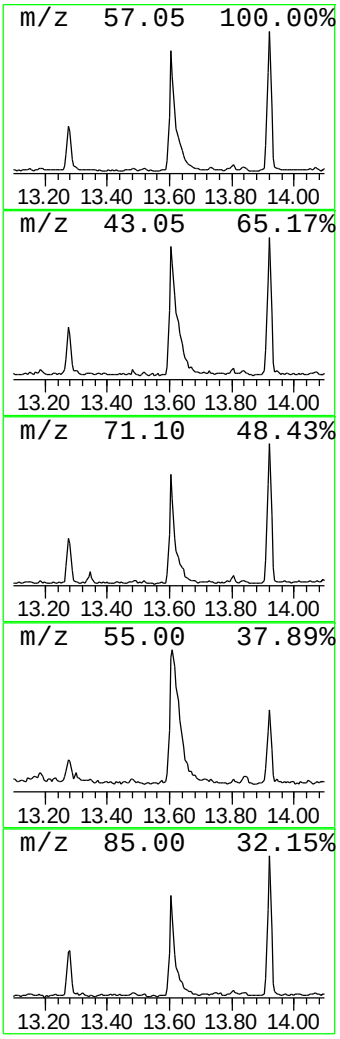
****

Peak Number 4 1-Dodecanol, 2-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	9.77 ng	879649	Chrysene-d12	13.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
3	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	83
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	76
5	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

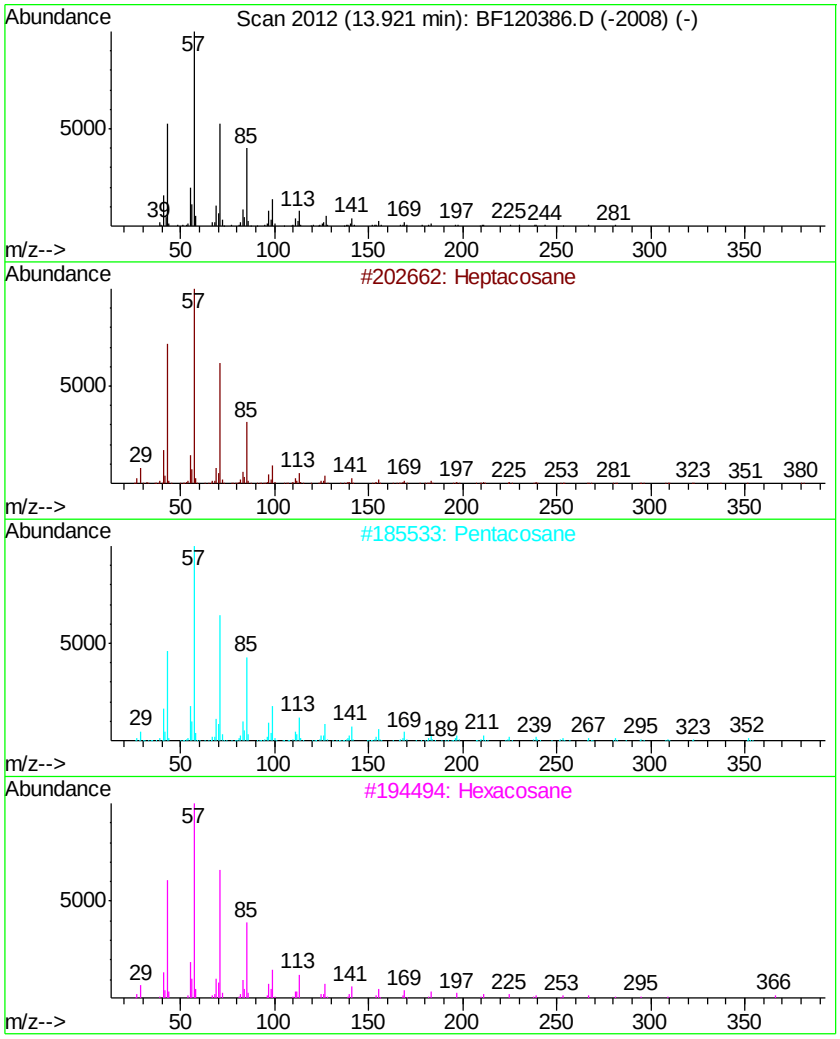
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

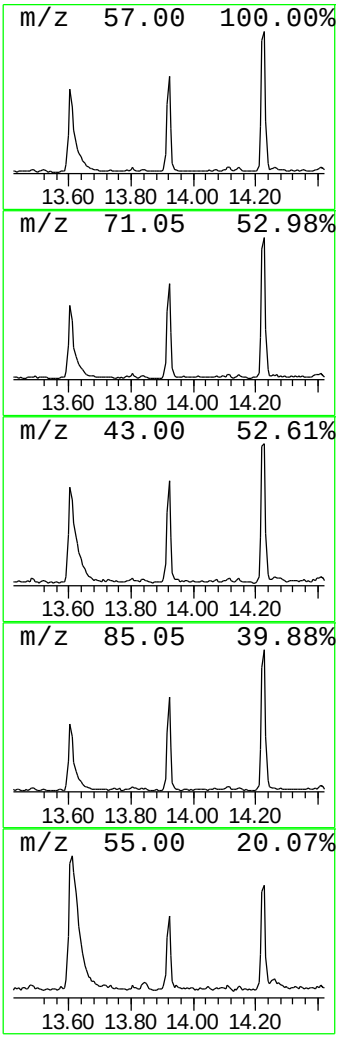
****

Peak Number 5 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.59 ng	323659	Chrysene-d12	13.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Triacontane	422	C30H62	000638-68-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

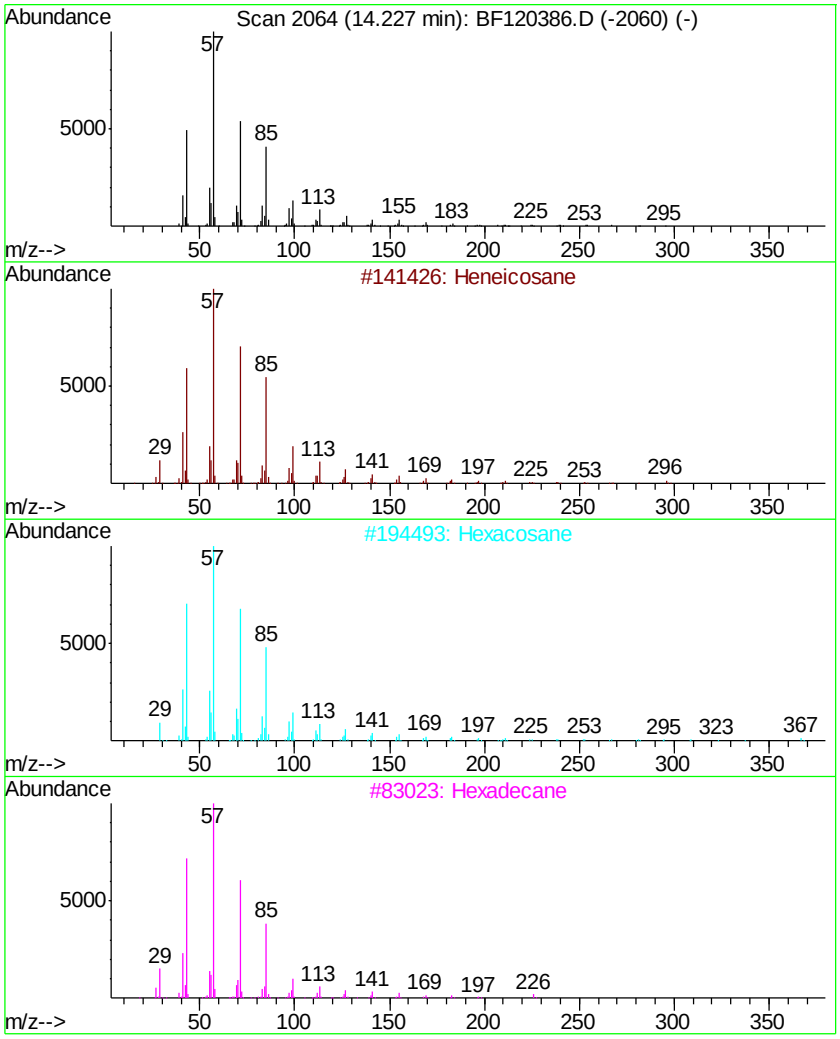
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

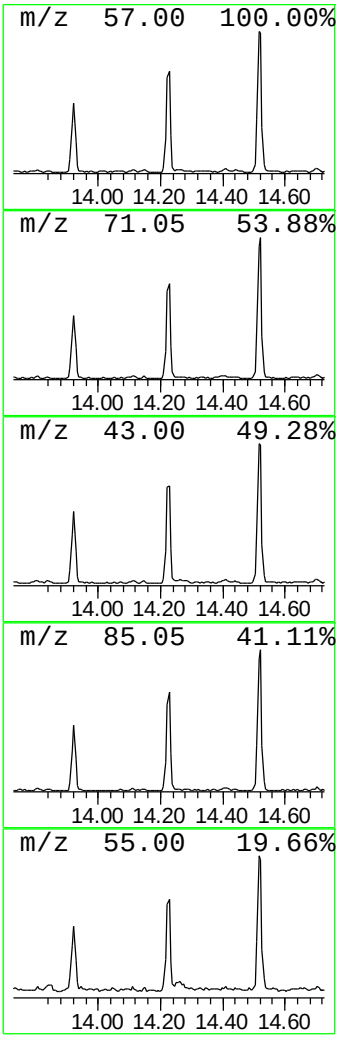
****

Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	5.87 ng	528343	Chrysene-d12	13.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

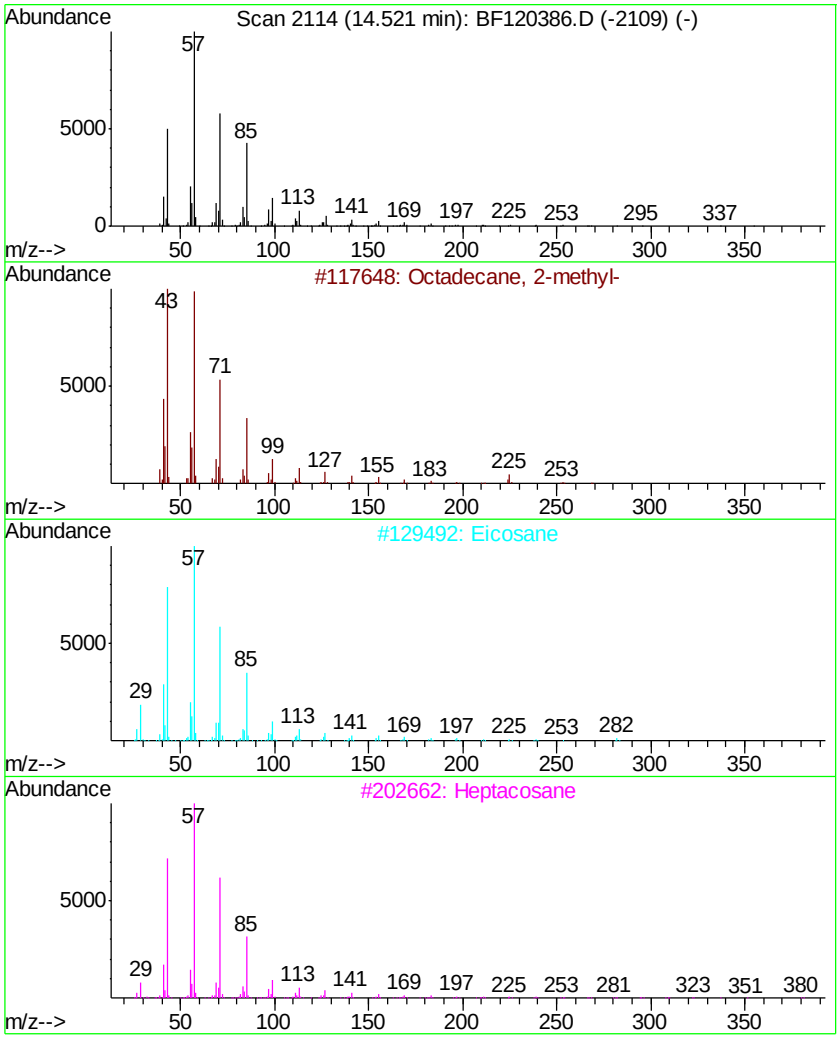
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

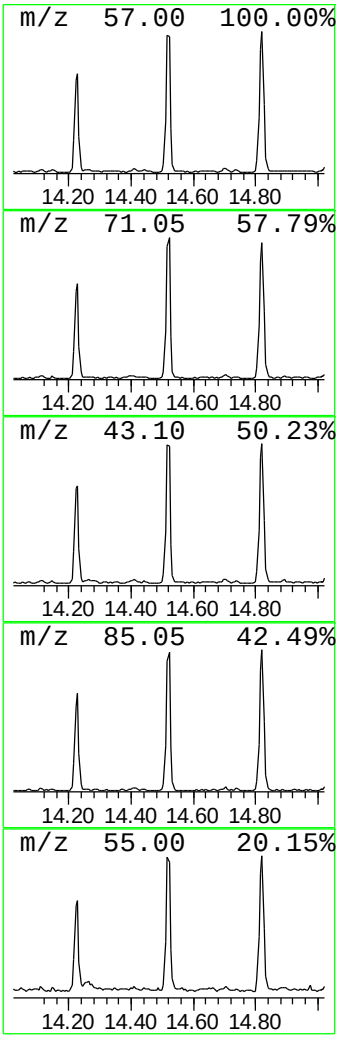
****

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	9.80 ng	759887	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

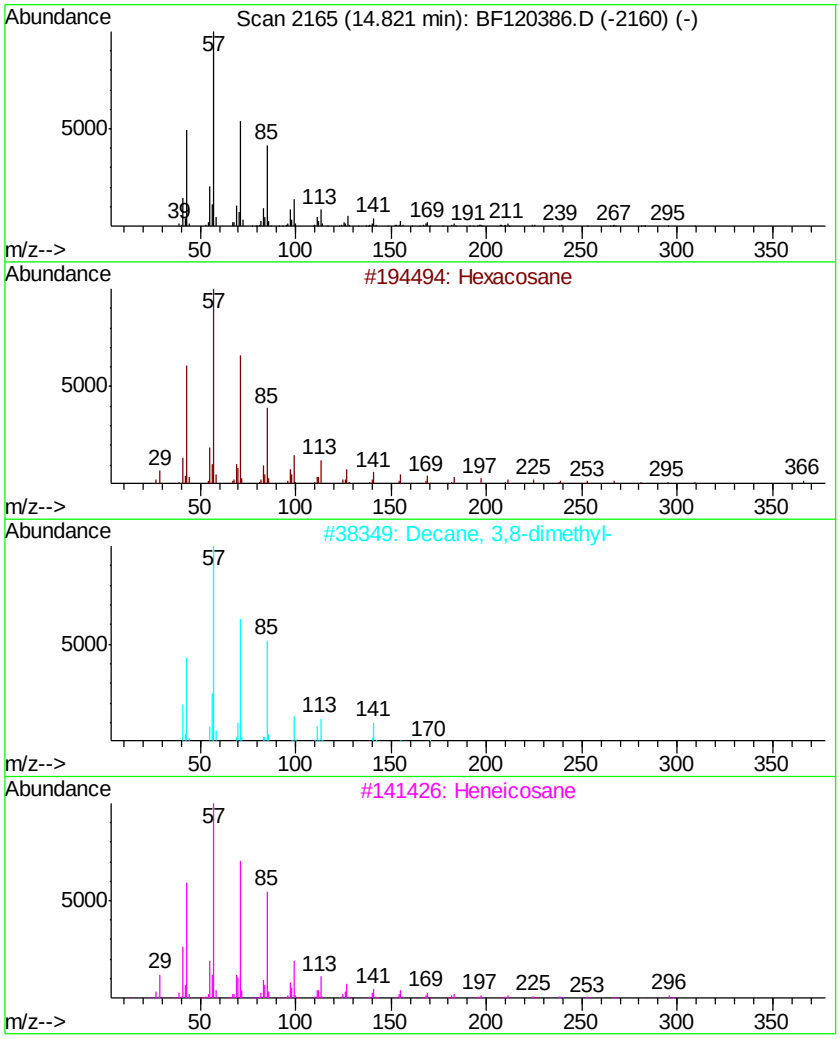
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

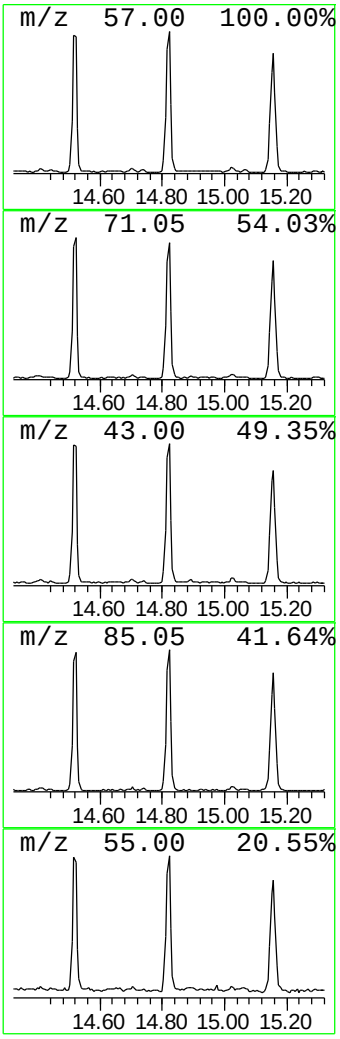
****

Peak Number 8 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	10.38 ng	804920	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Heptacosane	380	C27H56	000593-49-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

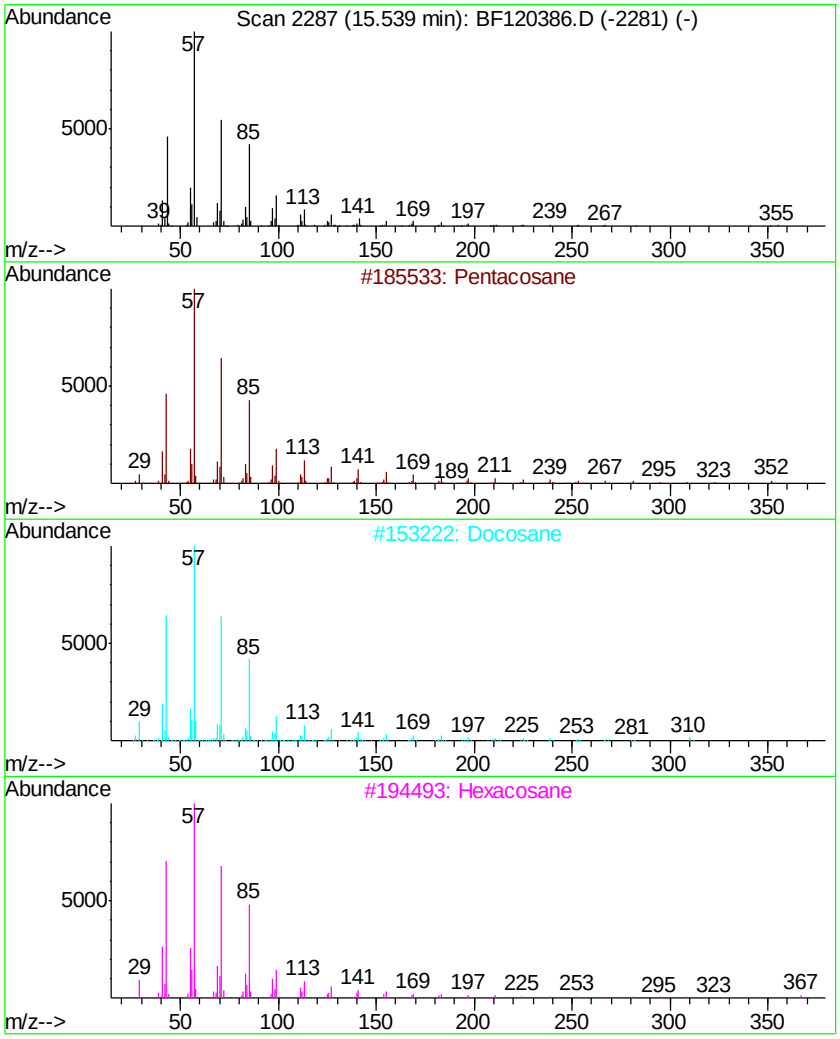
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

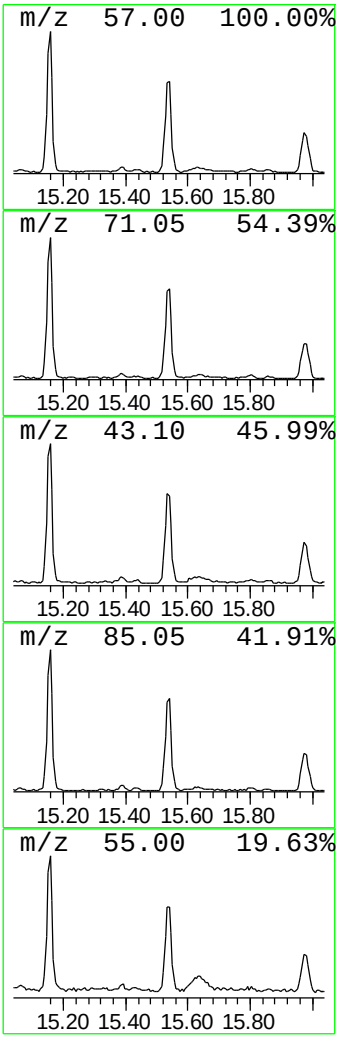
****

Peak Number 9 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	7.87 ng	610254	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Docosane	310	C22H46	000629-97-0	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

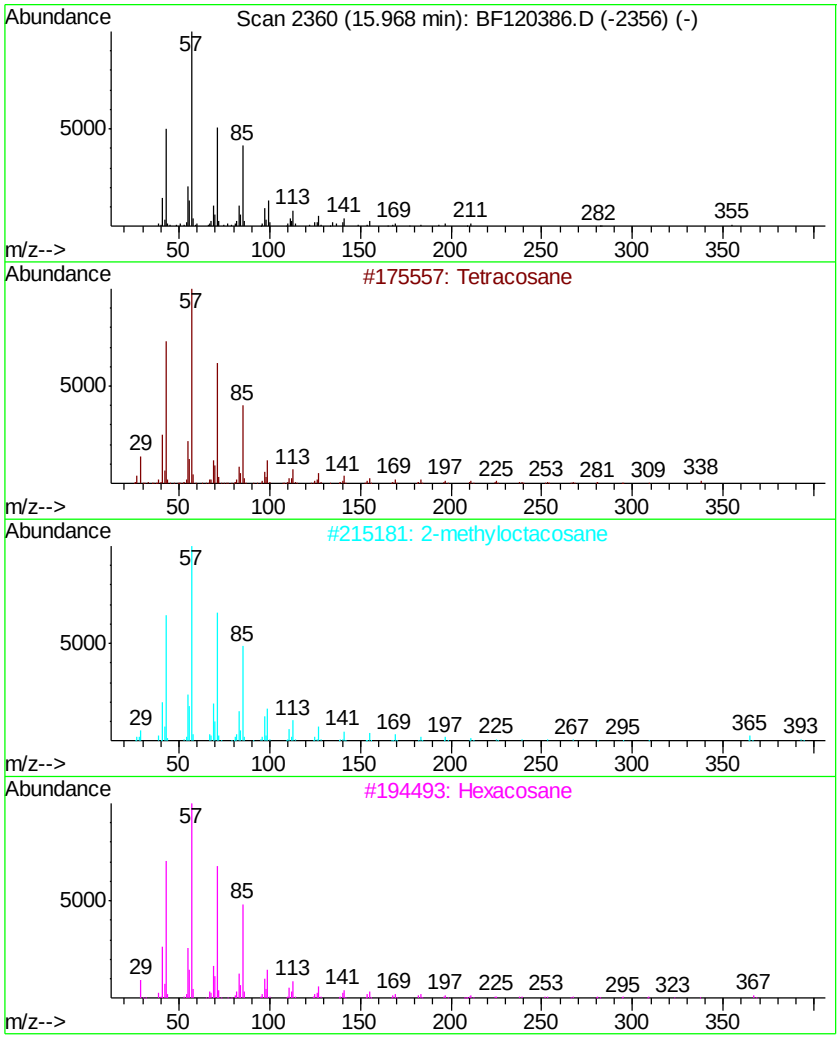
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

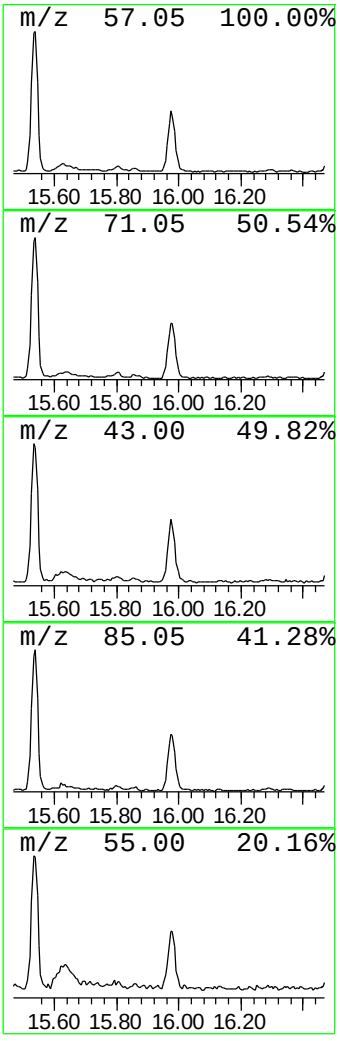
****

Peak Number 10 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	4.24 ng	328928	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octadecane	254	C18H38	000593-45-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052120\
Data File : BF120386.D
Acq On : 21 May 2020 17:36
Operator : MA/SJ
Sample : L2722-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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	11.66	11.1	ng	1141910	4	11.11	2059880	20.0
Octadecanoic acid	12.44	7.5	ng	678003	5	13.74	1800970	20.0
1-Dodecanol, 2-he...	13.60	9.8	ng	879649	5	13.74	1800970	20.0
Heptacosane	13.92	3.6	ng	323659	5	13.74	1800970	20.0
Heneicosane	14.23	5.9	ng	528343	5	13.74	1800970	20.0
Octadecane, 2-met...	14.52	9.8	ng	759887	6	15.13	1550850	20.0
Hexacosane	14.82	10.4	ng	804920	6	15.13	1550850	20.0
Pentacosane	15.54	7.9	ng	610254	6	15.13	1550850	20.0
Tetracosane	15.97	4.2	ng	328928	6	15.13	1550850	20.0