LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

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-BF031820.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	2.210	17	21	29	rVB2	177179	248035	2.38%	0.396%
2	5.028	497	500	508	rVB	136333	172146	1.65%	0.275%
3	5.440	565	570	573	rBV	4702320	4088463	39.27%	6.529%
4	6.451	737	742	744	rBV	3099771	2951015	28.34%	4.713%
5	6.469	744	745	754	rVB	1770438	1282656	12.32%	2.048%
6	6.834	803	807	810	rBV	2017493	1849761	17.77%	2.954%
7	6.898	814	818	829	rBV2	53707	104601	1.00%	0.167%
8	6.992	829	834	837	rBV	8239265	7669812	73.66%	12.248%
9	7.398	896	903	906	rBV	4830086	5272195	50.64%	8.419%
10	8.116	1021	1025	1029	rBV	2845312	2305511	22.14%	3.682%
11	9.204	1203	1210	1213	rBV	10351097	10411813	100.00%	16.627%
12	9.592	1272	1276	1279	rBV	1481190	1137450	10.92%	1.816%
13	9.880	1318	1325	1328	rBV	2831274	2407519	23.12%	3.845%
14	10.669	1454	1459	1462	rBV	4153183	3599019	34.57%	5.747%
15	11.369	1574	1578	1581	rBV	2456553	2061665	19.80%	3.292%
16	11.627	1616	1622	1627	rBV7	56622	131381	1.26%	0.210%
17	11.892	1664	1667	1671	rBV	209257	221341	2.13%	0.353%
18	12.151	1708	1711	1714	rVB	217337	177416	1.70%	0.283%
19	12.445	1755	1761	1762	rBV2	88257	133744	1.28%	0.214%
20	12.680	1799	1801	1807	rBV4	83381	121040	1.16%	0.193%
21	12.963	1844	1849	1852	rBV	8073352	7810369	75.01%	12.473%
22	13.868	2000	2003	2004	rBV	107786	114885	1.10%	0.183%
23	13.886	2004	2006	2018	rVB2	325225	571809	5.49%	0.913%
24	14.010	2022	2027	2031	rBV	1742874	1682046	16.16%	2.686%
25	14.186	2054	2057	2060	rVB	243097	231203	2.22%	0.369%
26	14.486	2105	2108	2112	rBV	398286	410105	3.94%	0.655%
27	14.798	2157	2161	2164	rBV	471581	465590	4.47%	0.744%
28	14.874	2170	2174	2179	rVB	1858359	1905166	18.30%	3.042%
29	15.139	2215	2219	2224	rVB	471244	539491	5.18%	0.862%
30	15.392	2259	2262	2266	rVB2	147543	162986	1.57%	0.260%
31	15.474	2272	2276	2280	rBV	1097842	1384202	13.29%	2.211%
32	15.521	2280	2284	2292	rVB	406115	575095	5.52%	0.918%
33	15.962	2354	2359	2365	rVB	282295	419481	4.03%	0.670%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GWTP-15

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 62619011

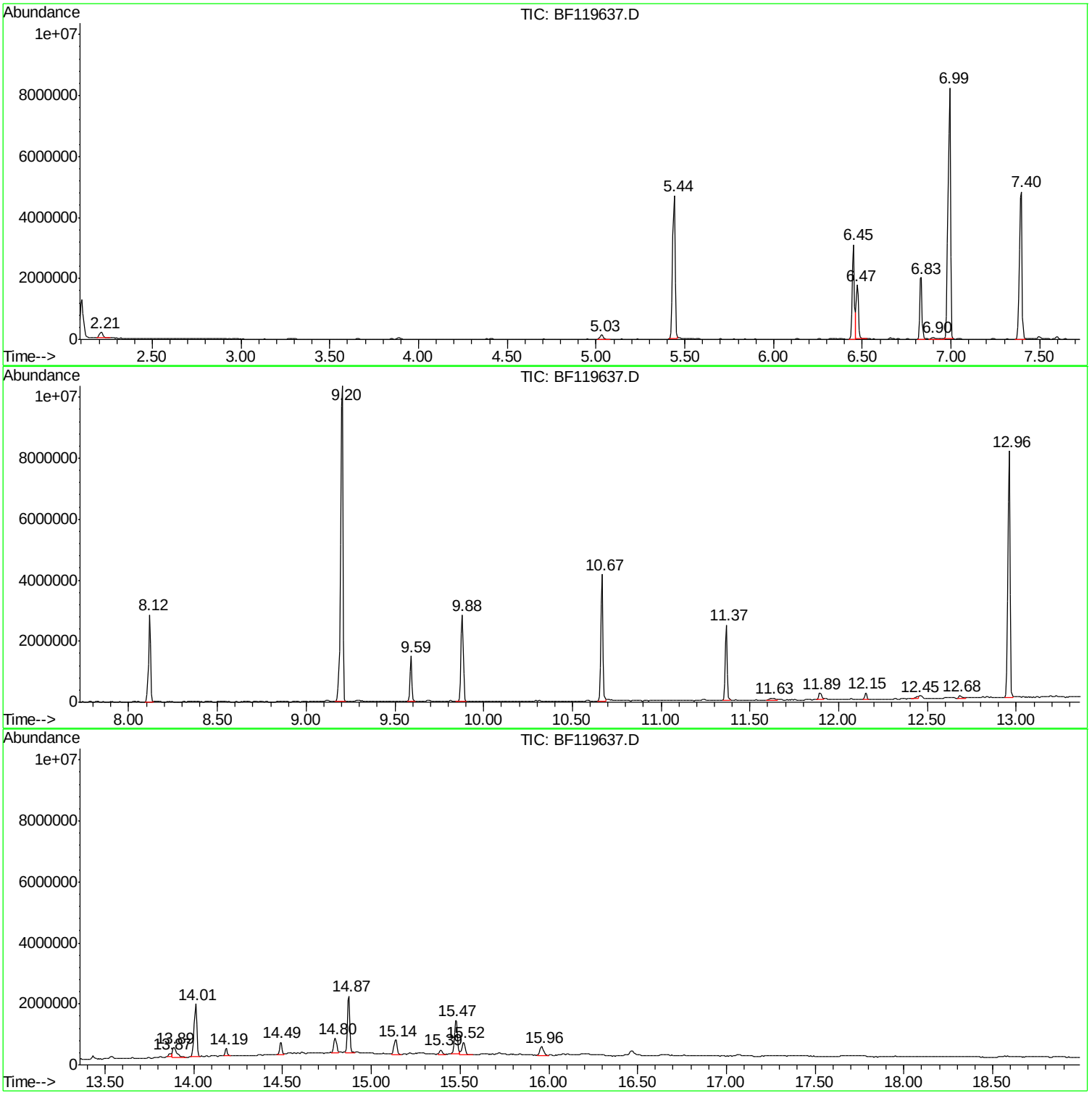
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

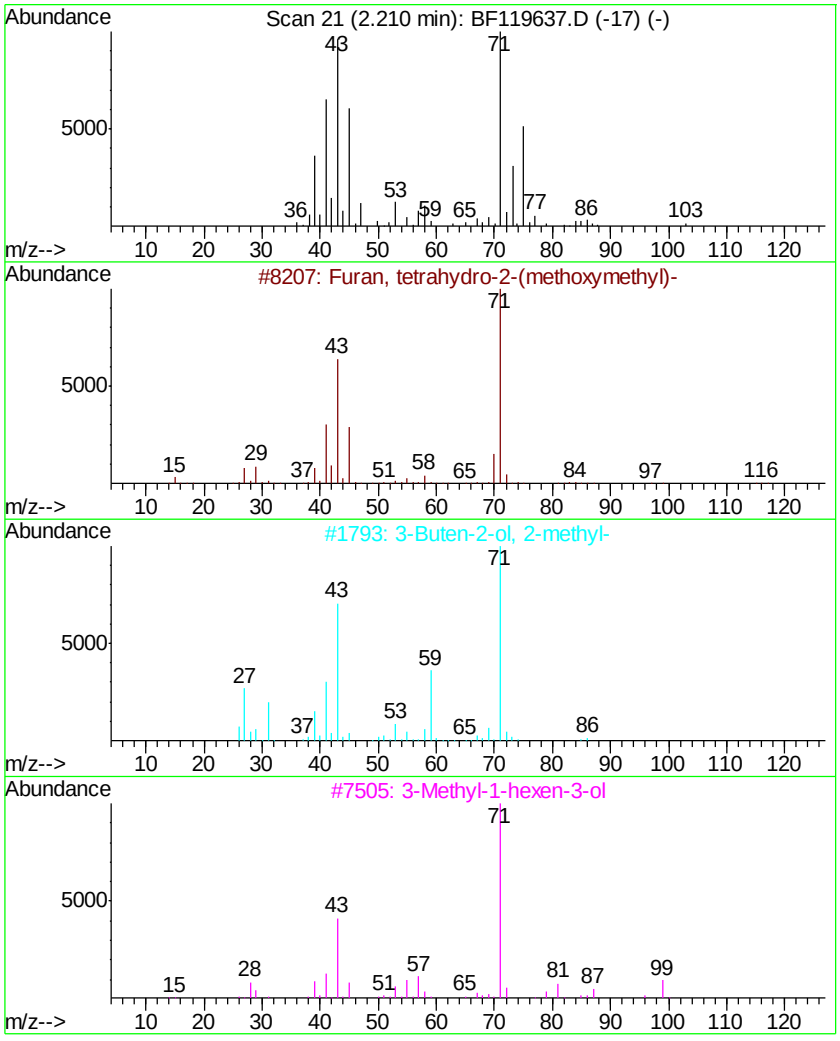
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

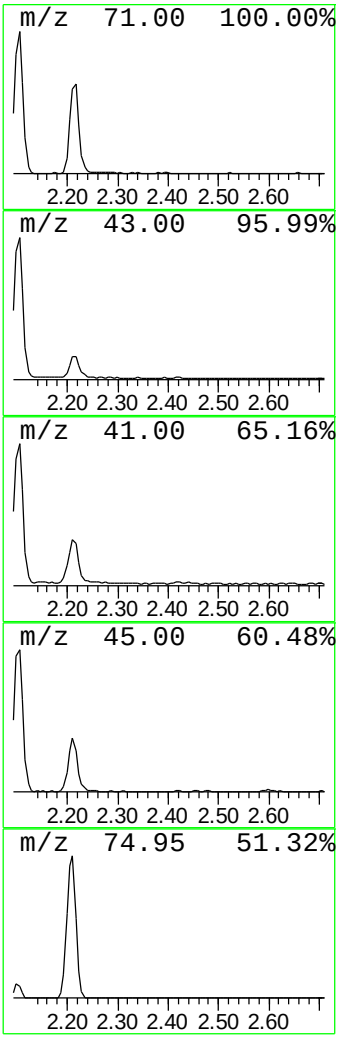
****

Peak Number 1 Furan, tetrahydro-2-(methox... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	2.68 ng	248035	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	50
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	43
3	3-Methyl-1-hexen-3-ol	114	C7H14O	055145-28-3	38
4	3-Penten-2-ol	86	C5H10O	001569-50-2	37
5	2-Furanmethanol, tetrahydro-, ac...	144	C7H12O3	000637-64-9	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

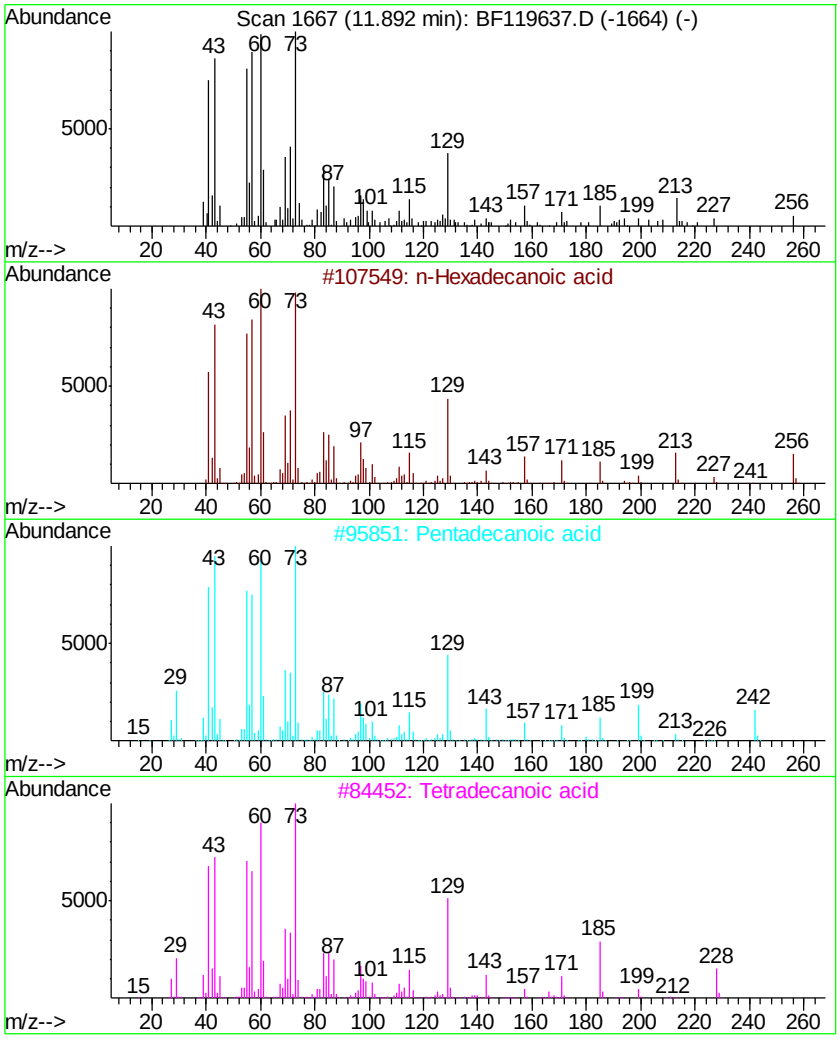
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

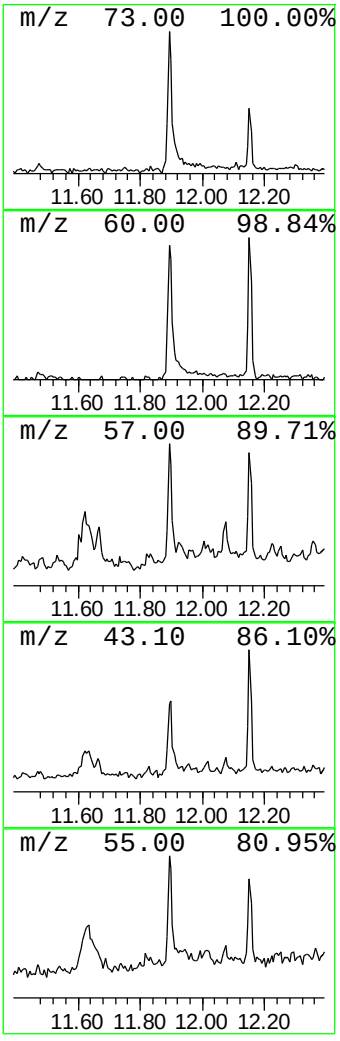
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.15 ng	221341	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Isoamyl nitrite	117	C5H11NO2	000110-46-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

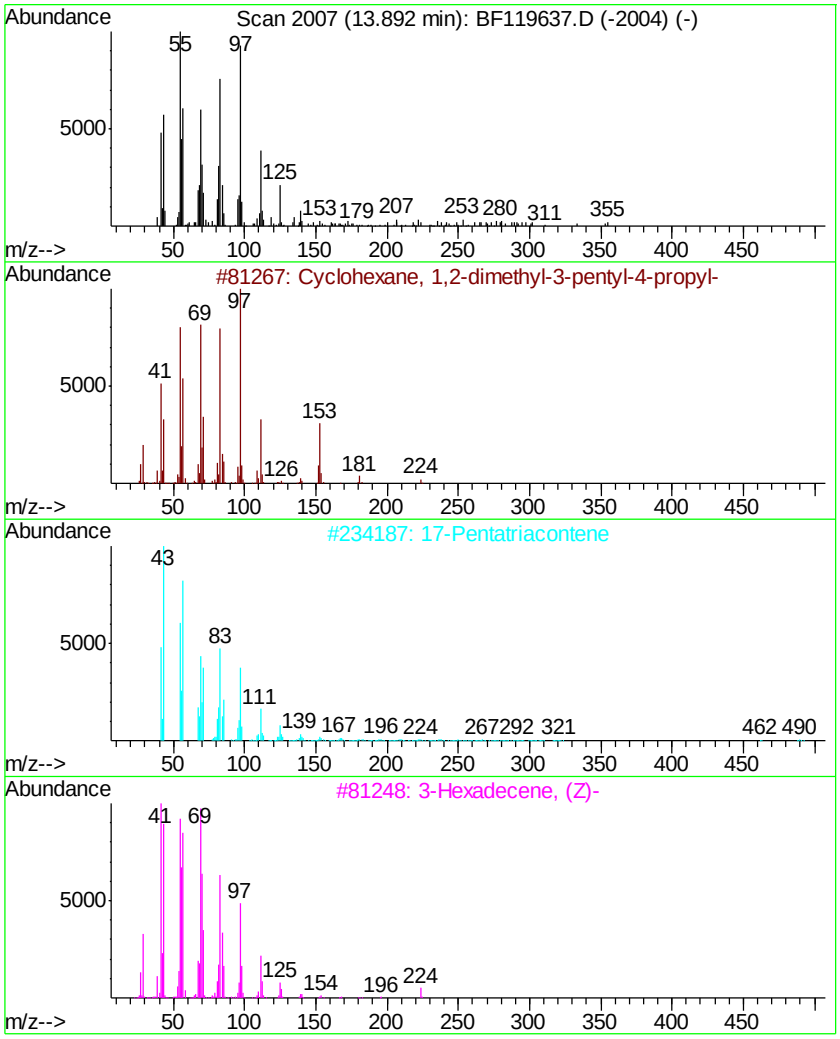
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

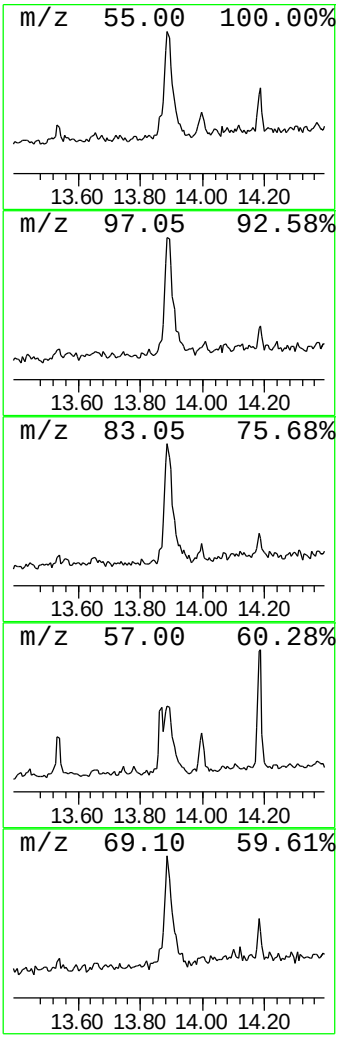
****

Peak Number 4 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	6.80 ng	571809	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	76
2	17-Pentatriacontene	491	C35H70	006971-40-0	72
3	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	55
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	55
5	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

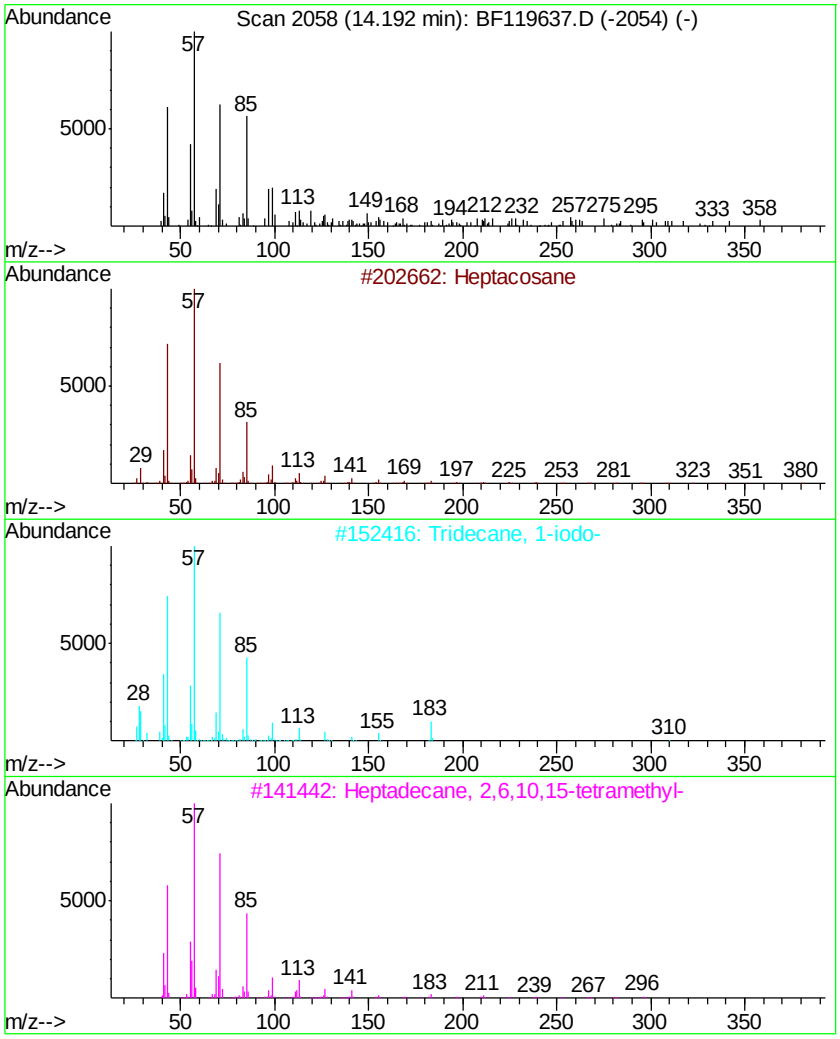
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

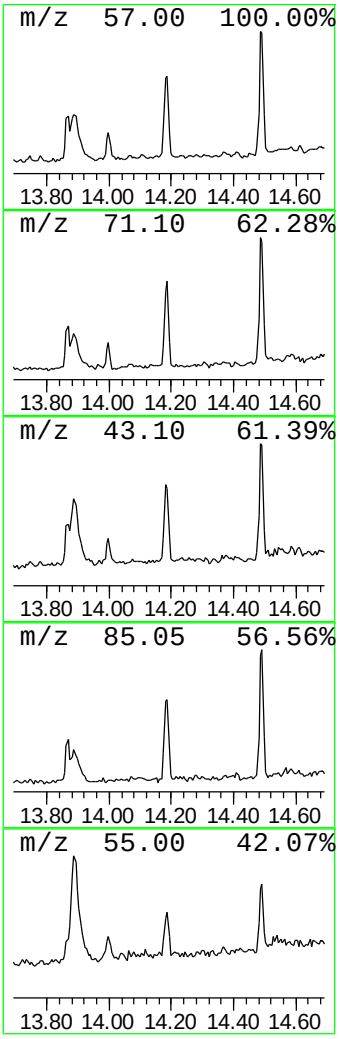
****

Peak Number 5 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.75 ng	231203	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
4	Hexadecane	226	C16H34	000544-76-3	86
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

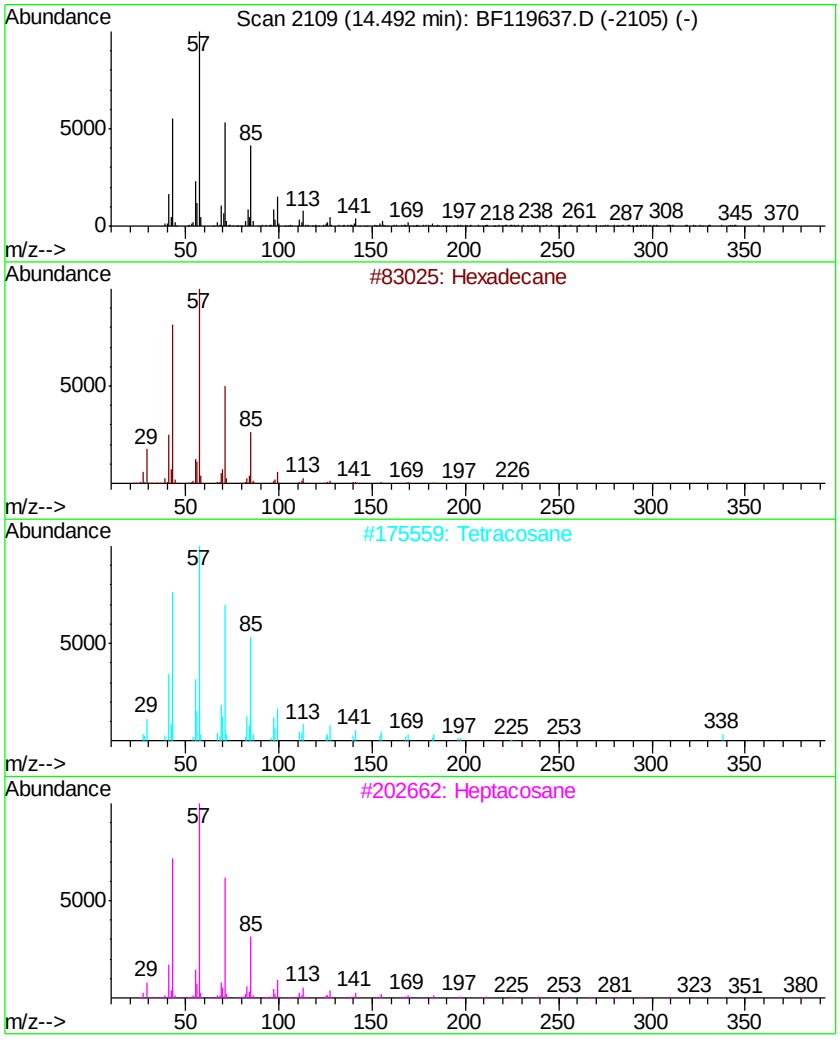
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

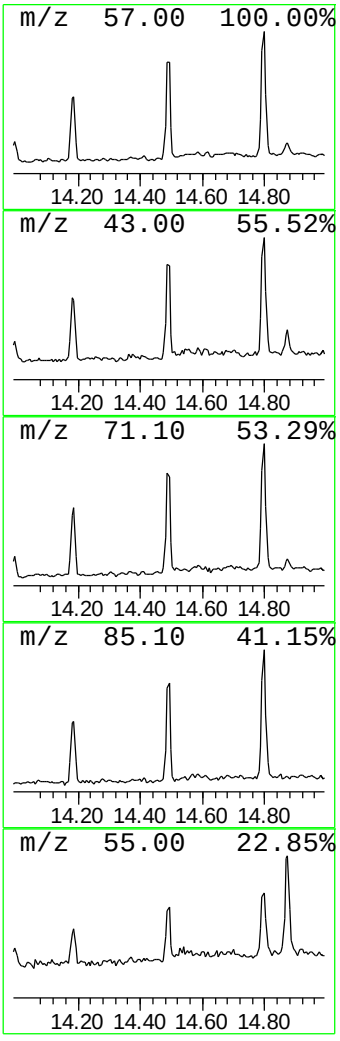
****

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.88 ng	410105	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

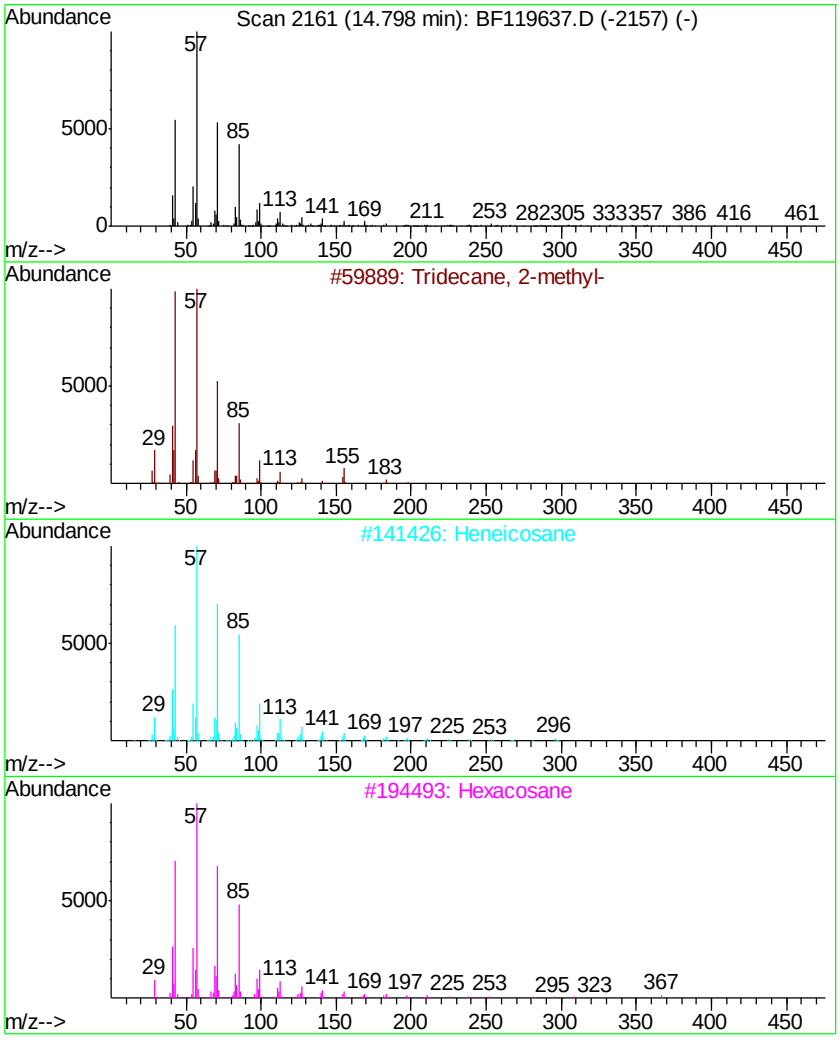
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

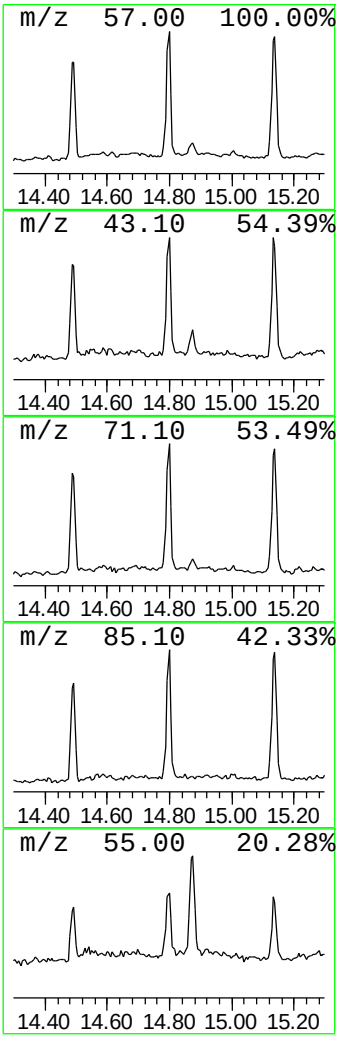
****

Peak Number 7 Tridecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	6.73 ng	465590	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Octacosane	394	C28H58	000630-02-4	70
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

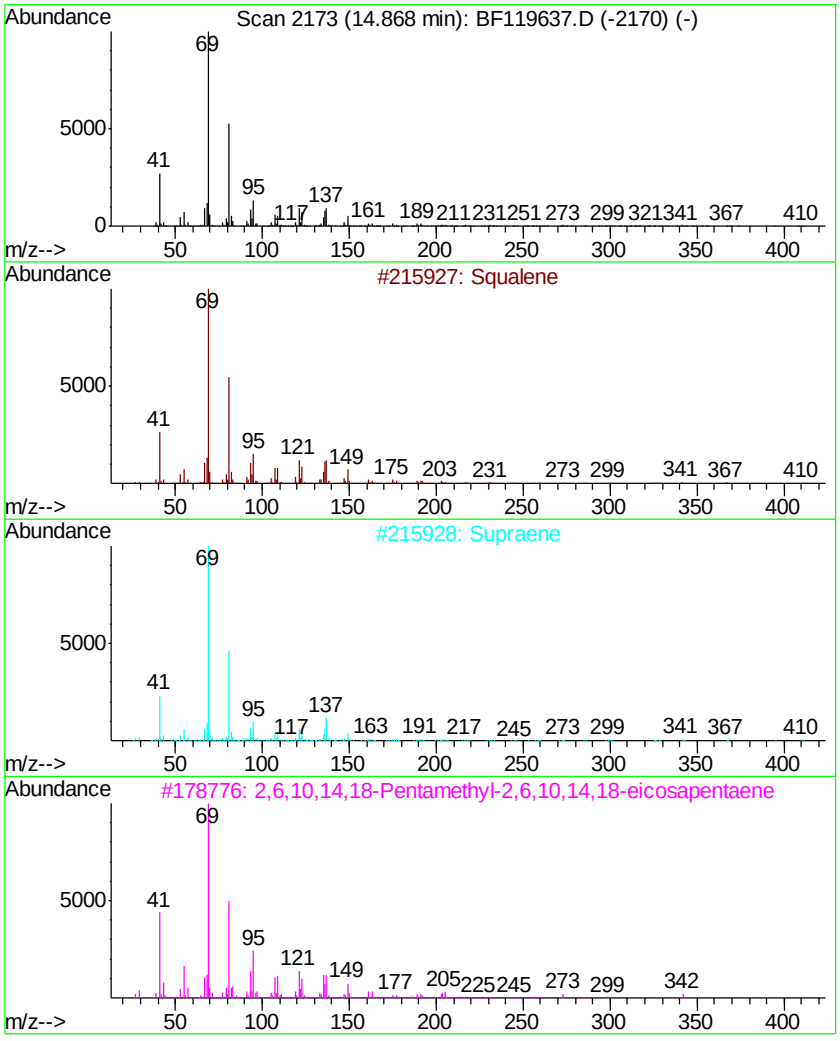
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

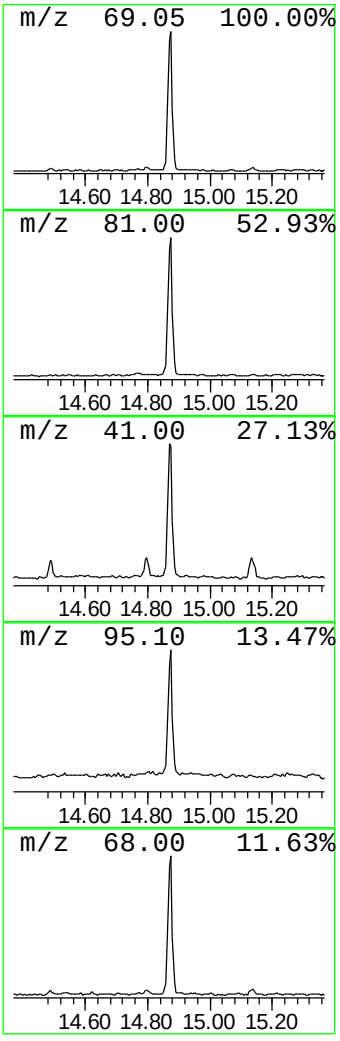
****

Peak Number 8 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	27.53 ng	1905170	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	98
2	Supraene	410	C30H50	007683-64-9	91
3	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	91
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

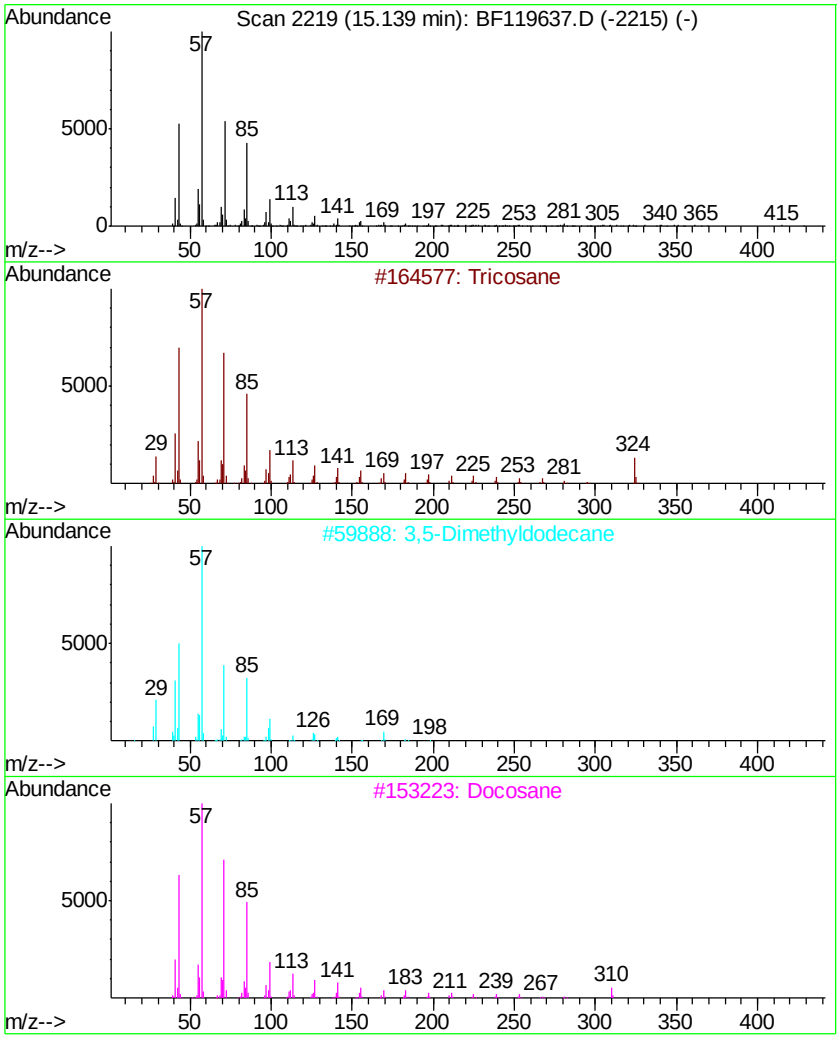
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

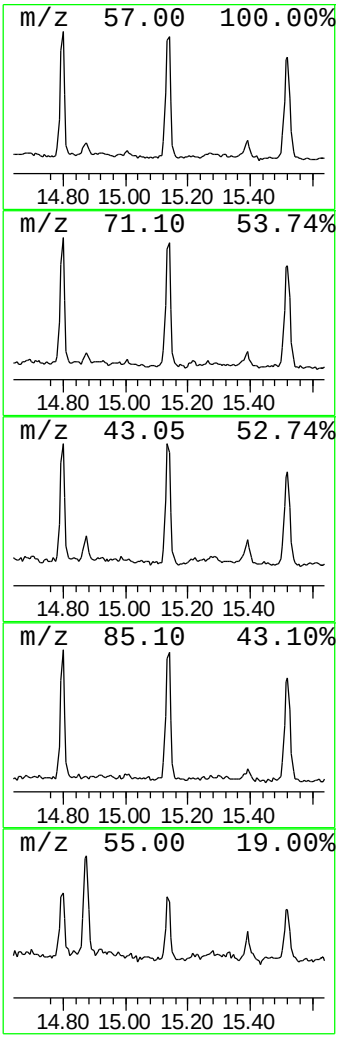
****

Peak Number 9 3,5-Dimethyldodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	7.79 ng	539491	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	90
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	87
3	Docosane	310	C22H46	000629-97-0	86
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5	Heptacosane	380	C27H56	000593-49-7	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

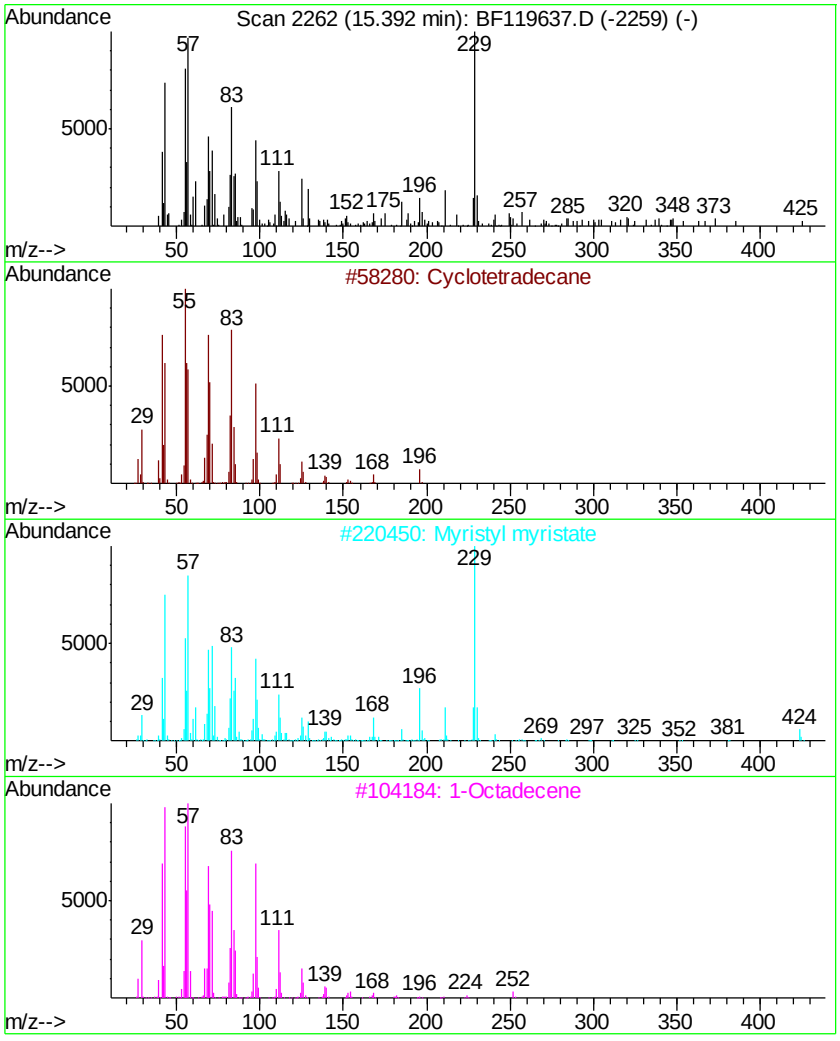
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

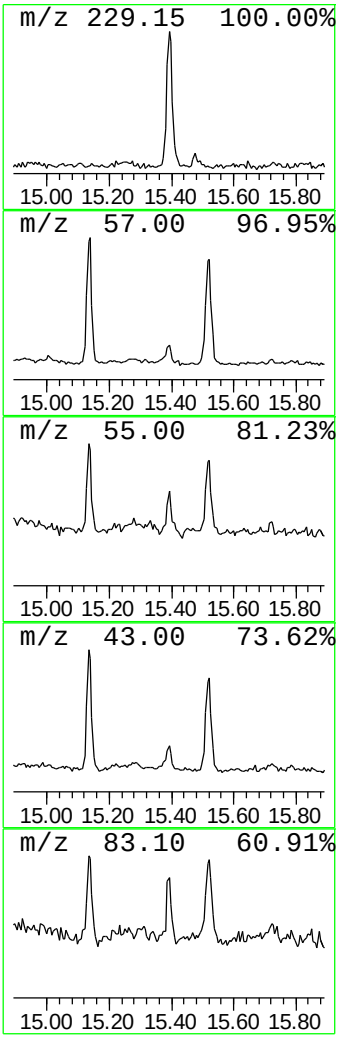
****

Peak Number 10 Cyclotetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	2.35 ng	162986	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	83
2	Myristyl myristate	424	C28H56O2	003234-85-3	72
3	1-Octadecene	252	C18H36	000112-88-9	59
4	Dichloroacetic acid, 2-tetradecy...	324	C16H30Cl2O2	1000280-64-4	45
5	Dichloroacetic acid, 4-tetradecy...	324	C16H30Cl2O2	1000280-64-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

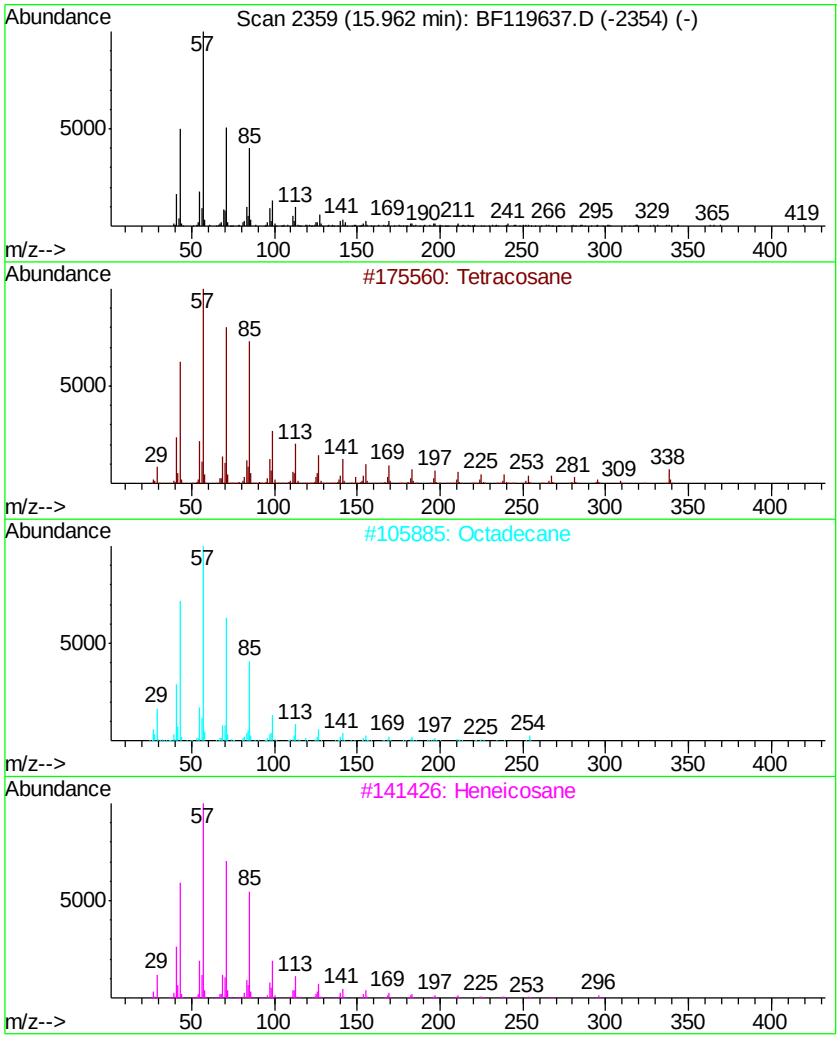
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

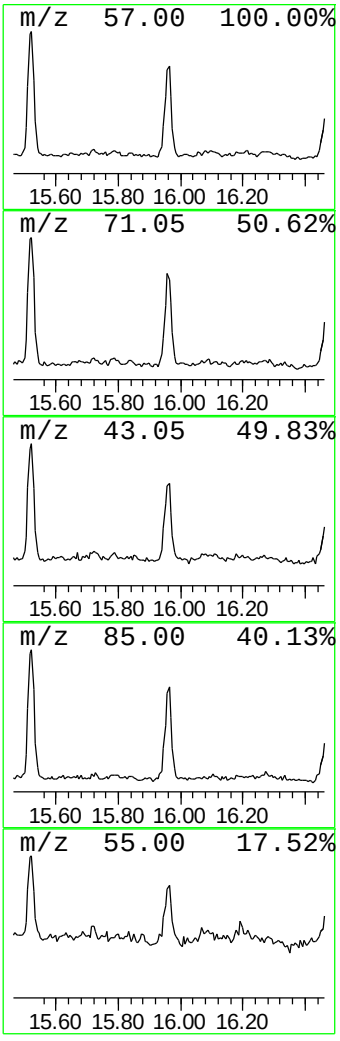
****

Peak Number 11 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	6.06 ng	419481	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Octadecane	254	C18H38	000593-45-3	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033020\
Data File : BF119637.D
Acq On : 30 Mar 2020 17:11
Operator : MA/SJ
Sample : L2053-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GWTP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Furan, tetrahydro...	2.21	2.7	ng	248035	1	6.83	1849760	20.0
n-Hexadecanoic acid	11.89	2.1	ng	221341	4	11.37	2061670	20.0
Cyclohexane, 1,2-...	13.89	6.8	ng	571809	5	14.01	1682050	20.0
Heptacosane	14.19	2.8	ng	231203	5	14.01	1682050	20.0
Hexadecane	14.49	4.9	ng	410105	5	14.01	1682050	20.0
Tridecane, 2-methyl-	14.80	6.7	ng	465590	6	15.48	1384200	20.0
Squalene	14.87	27.5	ng	1905170	6	15.48	1384200	20.0
3,5-Dimethyldodecane	15.14	7.8	ng	539491	6	15.48	1384200	20.0
Cyclotetradecane	15.39	2.4	ng	162986	6	15.48	1384200	20.0
Tetracosane	15.96	6.1	ng	419481	6	15.48	1384200	20.0