LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119641.D
Acq On : 30 Mar 2020 18:59
Operator : MA/SJ
Sample : L2042-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-1.0-1.5

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_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	2.128	3	7	19	rVB	396472	539603	6.10%	0.938%
2	2.234	21	25	37	rVB3	108490	182325	2.06%	0.317%
3	5.051	498	504	511	rVB	133192	168507	1.91%	0.293%
4	5.446	566	571	574	rBV	6670804	7332562	82.91%	12.745%
5	6.463	737	744	755	rBV2	6362852	8844404	100.00%	15.372%
6	6.834	803	807	810	rBV	2205865	1863314	21.07%	3.239%
7	6.993	829	834	837	rBV	6927494	6384646	72.19%	11.097%
8	7.392	897	902	905	rBV	4172101	3986810	45.08%	6.929%
9	8.116	1021	1025	1029	rBV	2759751	2309659	26.11%	4.014%
10	9.198	1203	1209	1212	rBV	8699577	8240135	93.17%	14.322%
11	9.592	1272	1276	1279	rBV	797472	630393	7.13%	1.096%
12	9.881	1320	1325	1328	rBV	2648009	2312459	26.15%	4.019%
13	10.669	1454	1459	1462	rBV	3171961	2913777	32.94%	5.064%
14	11.369	1574	1578	1581	rBV	2398199	1950936	22.06%	3.391%
15	11.898	1664	1668	1671	rBV	185775	204123	2.31%	0.355%
16	12.580	1781	1784	1787	rVB	106905	88558	1.00%	0.154%
17	12.686	1799	1802	1805	rBV4	93361	107419	1.21%	0.187%
18	12.810	1820	1823	1826	rVB	117784	95324	1.08%	0.166%
19	12.963	1844	1849	1852	rBV	6114681	5804397	65.63%	10.089%
20	13.892	2004	2007	2014	rBV2	261086	407081	4.60%	0.708%
21	14.010	2023	2027	2030	rBV	1669044	1566316	17.71%	2.722%
22	14.492	2106	2109	2111	rVB	129081	116396	1.32%	0.202%
23	15.139	2216	2219	2226	rVB	184738	208735	2.36%	0.363%
24	15.480	2272	2277	2281	rBV	1082881	1276653	14.43%	2.219%

Sum of corrected areas: 57534532

LSC Report - Integrated Chromatogram

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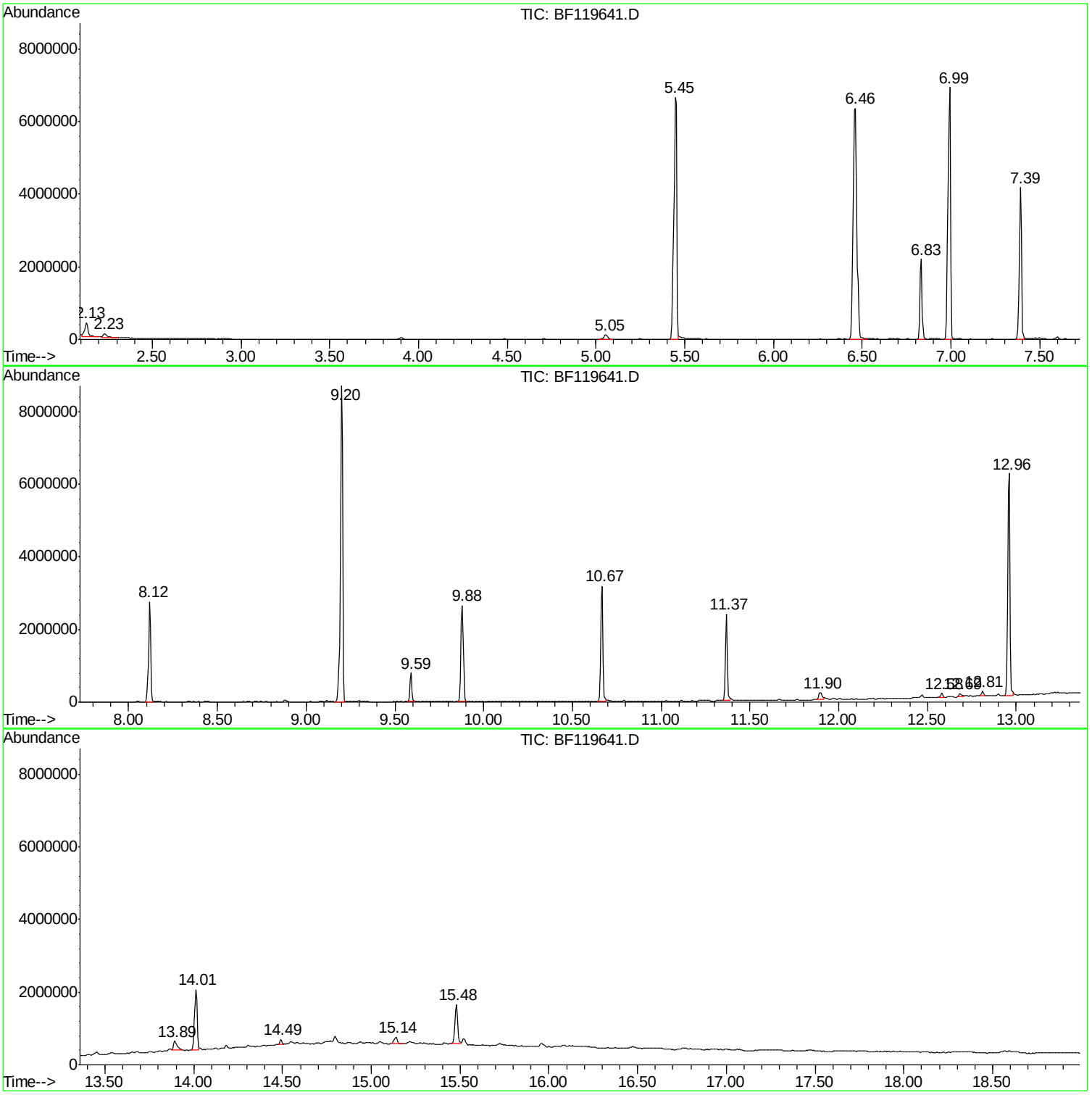
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

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 : BF119641.D
Acq On : 30 Mar 2020 18:59
Operator : MA/SJ
Sample : L2042-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-1.0-1.5

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

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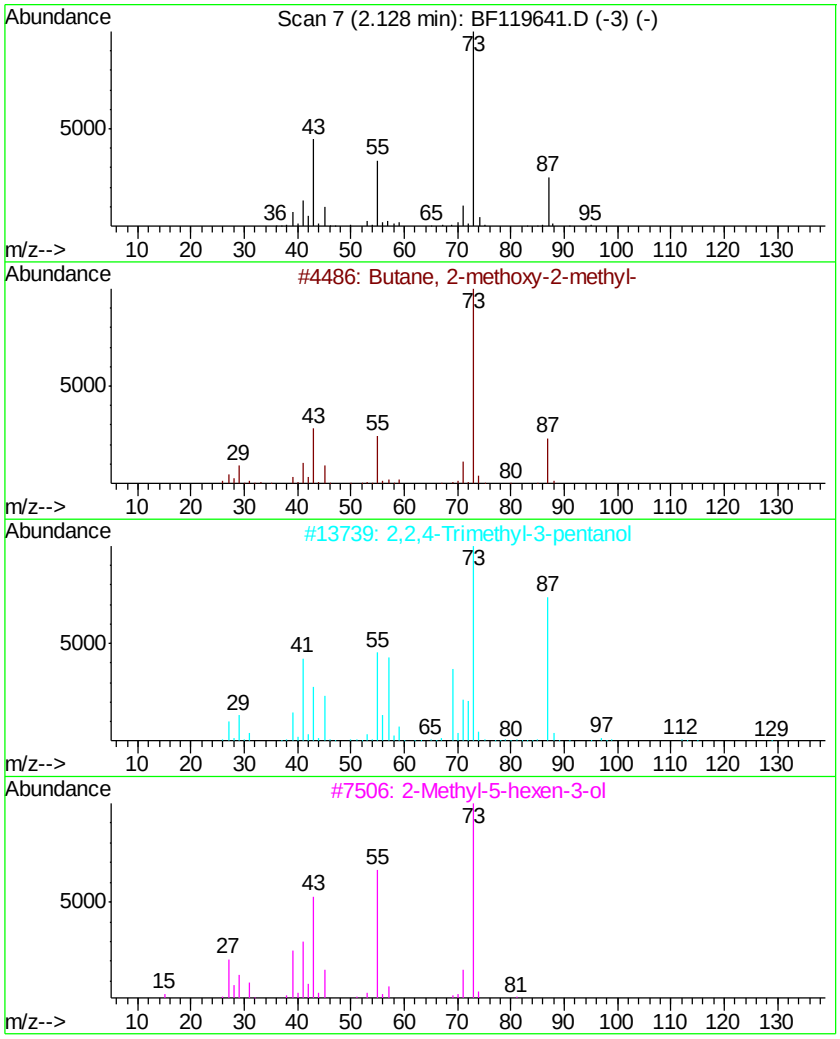
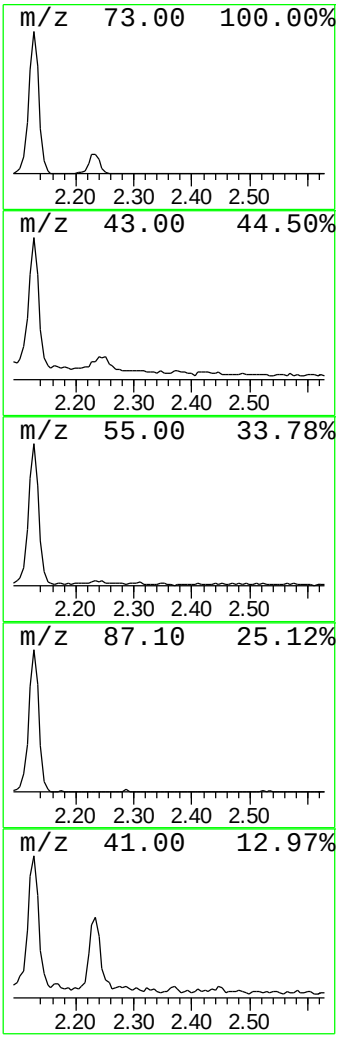
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	5.79 ng	539603	1,4-Dichlorobenzene-d4	6.83

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	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
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Operator : MA/SJ
Sample : L2042-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-1.0-1.5

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

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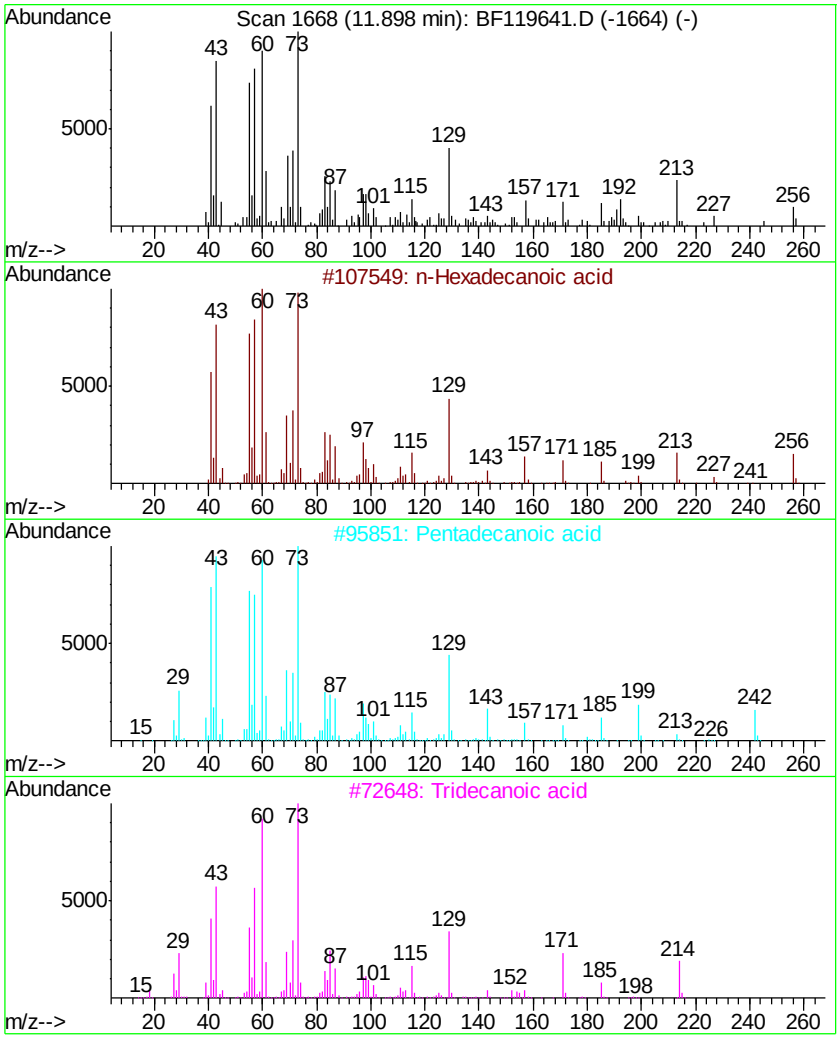
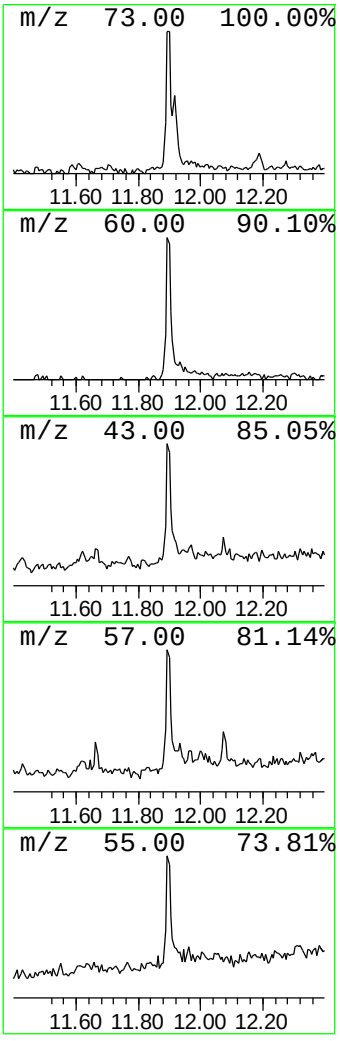
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.09 ng	204123	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
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Acq On : 30 Mar 2020 18:59
Operator : MA/SJ
Sample : L2042-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-1.0-1.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
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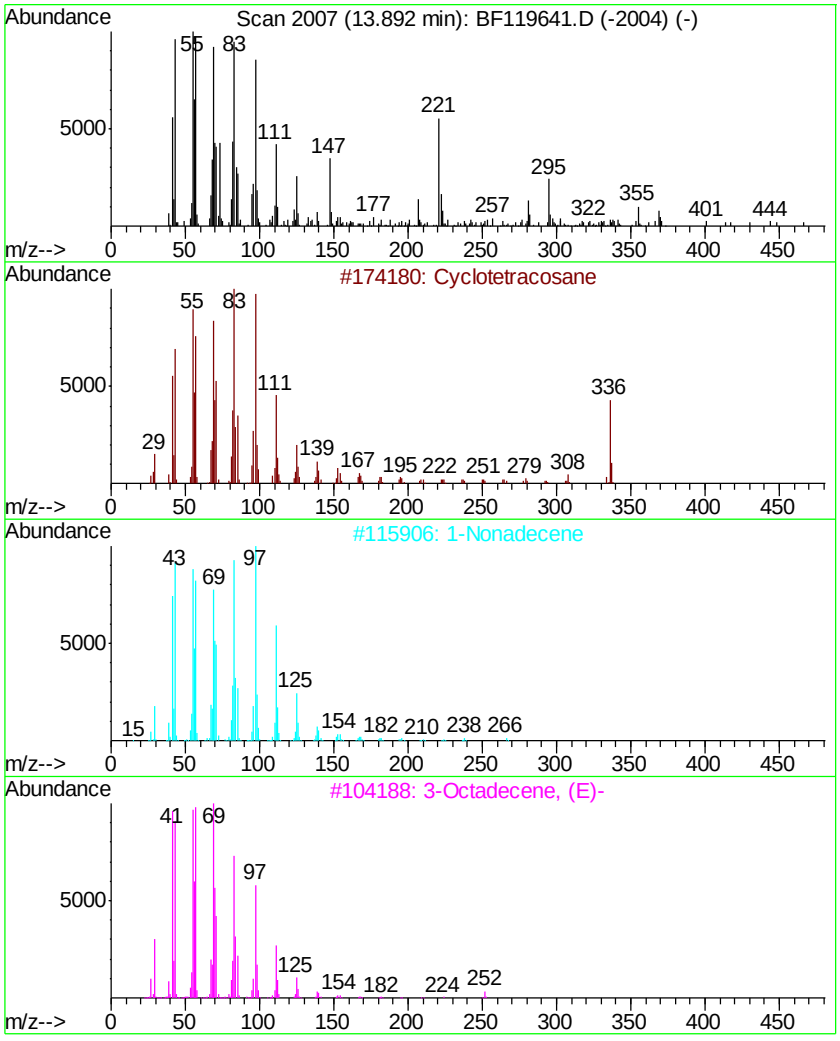
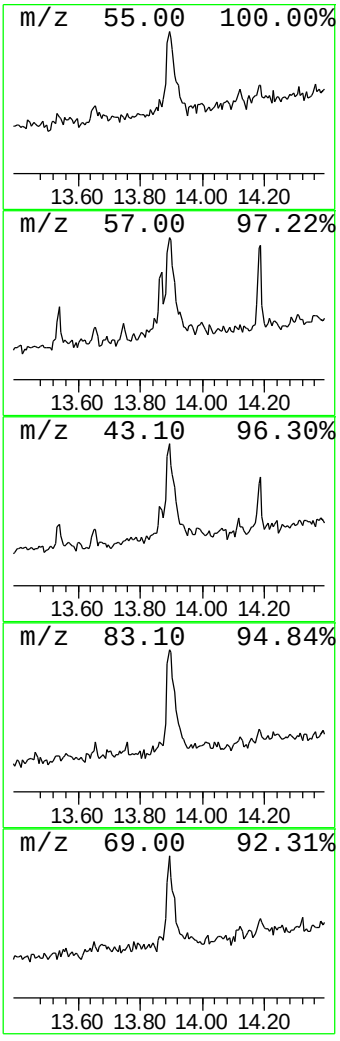
Peak Number 4 Cyclotetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	5.20 ng	407081	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	94
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
5	Behenic alcohol	326	C22H46O	000661-19-8	89





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Operator : MA/SJ
Sample : L2042-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-1.0-1.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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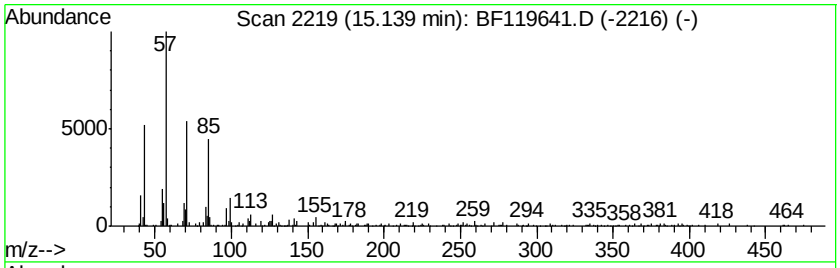
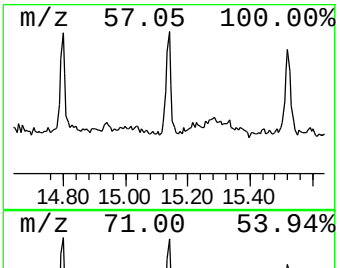
Peak Number 5 Heneicosane, 11-pentyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.27 ng	208735	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033020\
Data File : BF119641.D
Acq On : 30 Mar 2020 18:59
Operator : MA/SJ
Sample : L2042-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
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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...	2.13	5.8	ng	539603	1	6.83	1863310	20.0
n-Hexadecanoic acid	11.90	2.1	ng	204123	4	11.37	1950940	20.0
Cyclotetracosane	13.89	5.2	ng	407081	5	14.01	1566320	20.0
Heneicosane, 11-p...	15.14	3.3	ng	208735	6	15.48	1276650	20.0