LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119177.D
Acq On : 2 Mar 2020 19:22
Operator : CG/JU
Sample : L1740-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-09-022720

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-BF022020.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	5.357	552	556	573	rBV	702281	882997	58.54%	6.213%
2	6.381	727	730	749	rBV	883580	926051	61.39%	6.516%
3	6.734	787	790	798	rBV	780403	642696	42.61%	4.522%
4	6.893	813	817	828	rBV	903894	844935	56.01%	5.946%
5	7.298	882	886	898	rBV	596771	602678	39.95%	4.241%
6	8.016	1004	1008	1014	rBV	1063345	868968	57.61%	6.115%
7	9.086	1187	1190	1194	rBV	1462997	1338441	88.73%	9.418%
8	9.486	1254	1258	1264	rBV	72883	64372	4.27%	0.453%
9	9.769	1302	1306	1316	rBV	1298283	1110137	73.60%	7.812%
10	10.557	1436	1440	1452	rBV	929294	887405	58.83%	6.244%
11	11.251	1554	1558	1566	rBV	1357527	1173517	77.80%	8.258%
12	11.751	1639	1643	1644	rBV2	18998	20619	1.37%	0.145%
13	11.780	1645	1648	1657	rVV	144454	170057	11.27%	1.197%
14	12.304	1734	1737	1740	rBV3	14584	23317	1.55%	0.164%
15	12.463	1761	1764	1767	rBV	43340	36319	2.41%	0.256%
16	12.563	1778	1781	1789	rBV2	78683	111465	7.39%	0.784%
17	12.692	1800	1803	1805	rBV	49884	39317	2.61%	0.277%
18	12.827	1823	1826	1830	rBV	1655439	1508415	100.00%	10.614%
19	13.739	1977	1981	1986	rBV2	112483	177942	11.80%	1.252%
20	13.886	2003	2006	2010	rBV	935804	987675	65.48%	6.950%
21	14.351	2083	2085	2088	rBV	112136	102442	6.79%	0.721%
22	14.651	2133	2136	2146	rVB3	222102	324724	21.53%	2.285%
23	14.968	2187	2190	2195	rVB	248237	288319	19.11%	2.029%
24	15.321	2245	2250	2255	rVB2	799662	1078394	71.49%	7.588%

Sum of corrected areas: 14211202

LSC Report - Integrated Chromatogram

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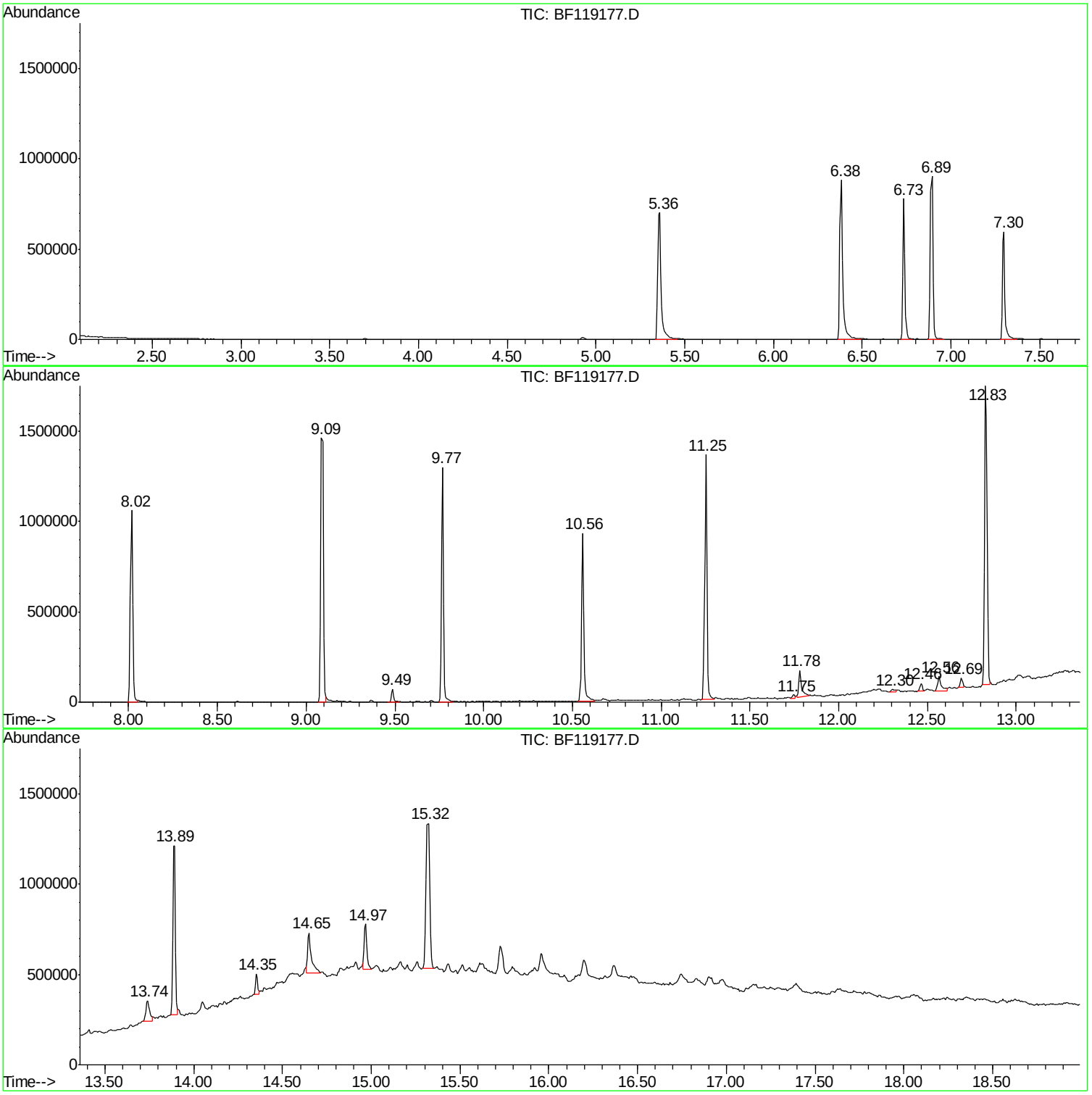
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-09-022720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119177.D
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Operator : CG/JU
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Instrument : BNA_F
ClientSampleId : GP-09-022720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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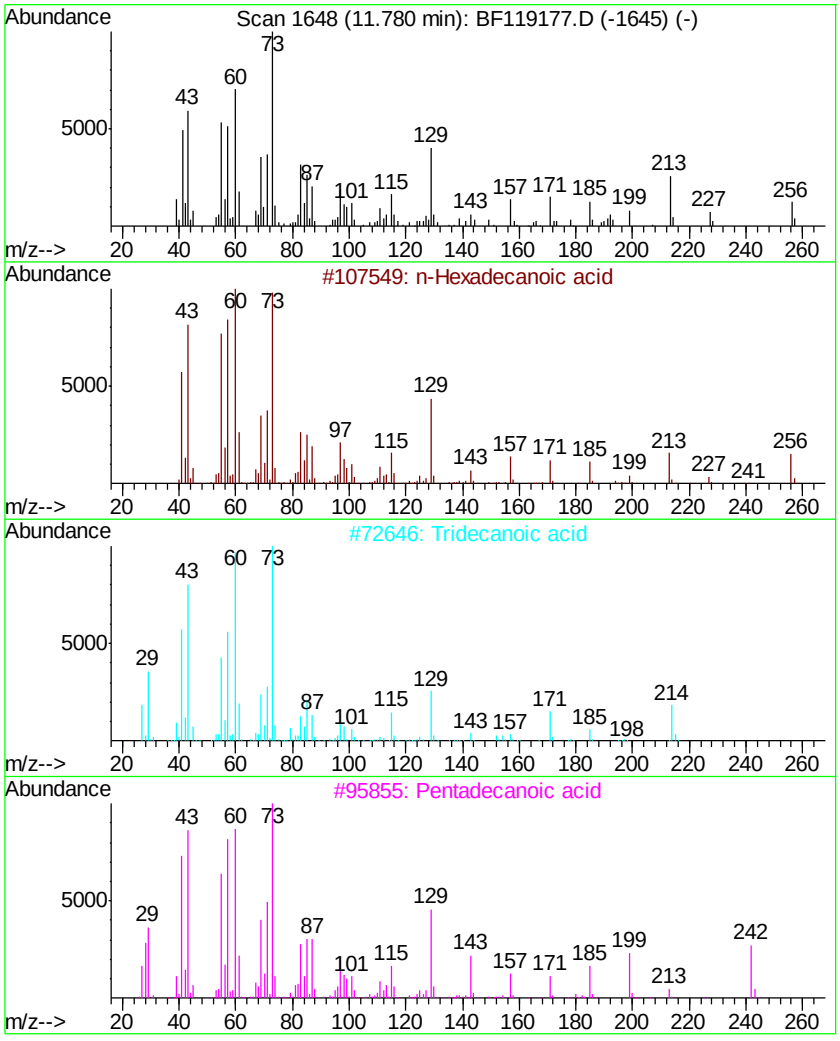
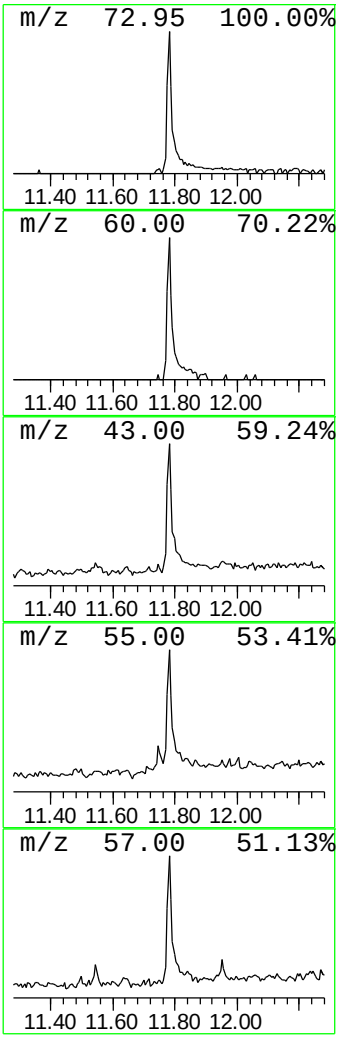
Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.90 ng	170057	Phenanthrene-d10	11.25

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Instrument : BNA_F
ClientSampleId : GP-09-022720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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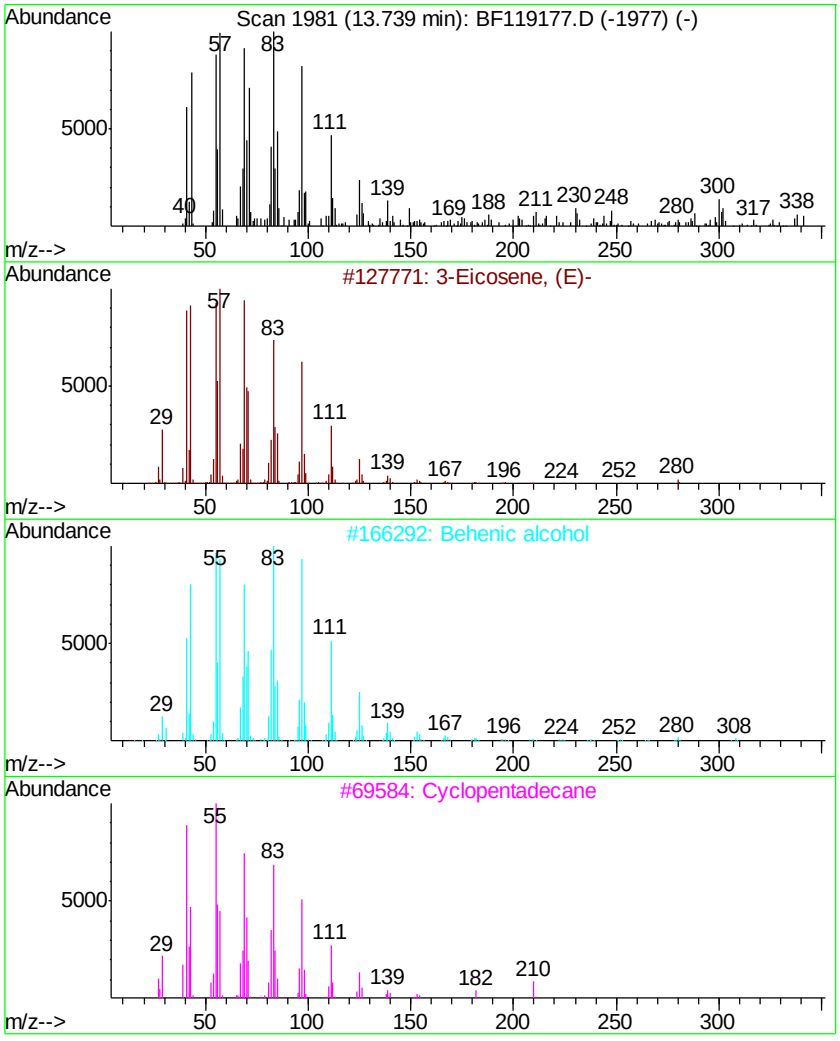
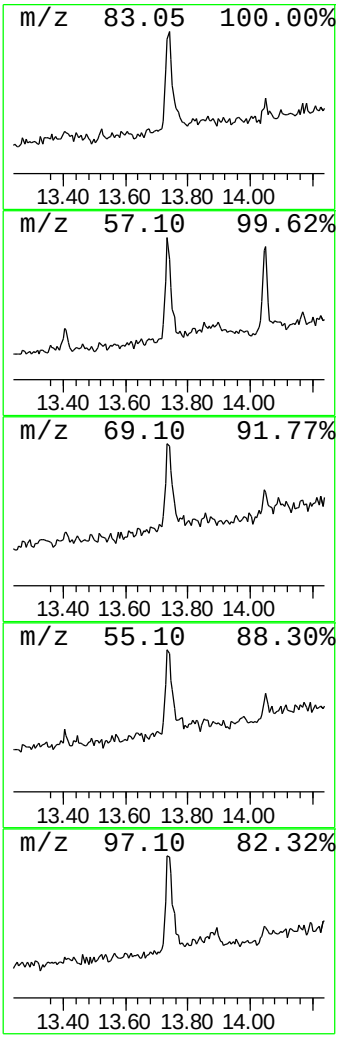
Peak Number 3 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.60 ng	177942	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	1-Octadecanol	270	C18H38O	000112-92-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119177.D
Acq On : 2 Mar 2020 19:22
Operator : CG/JU
Sample : L1740-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-09-022720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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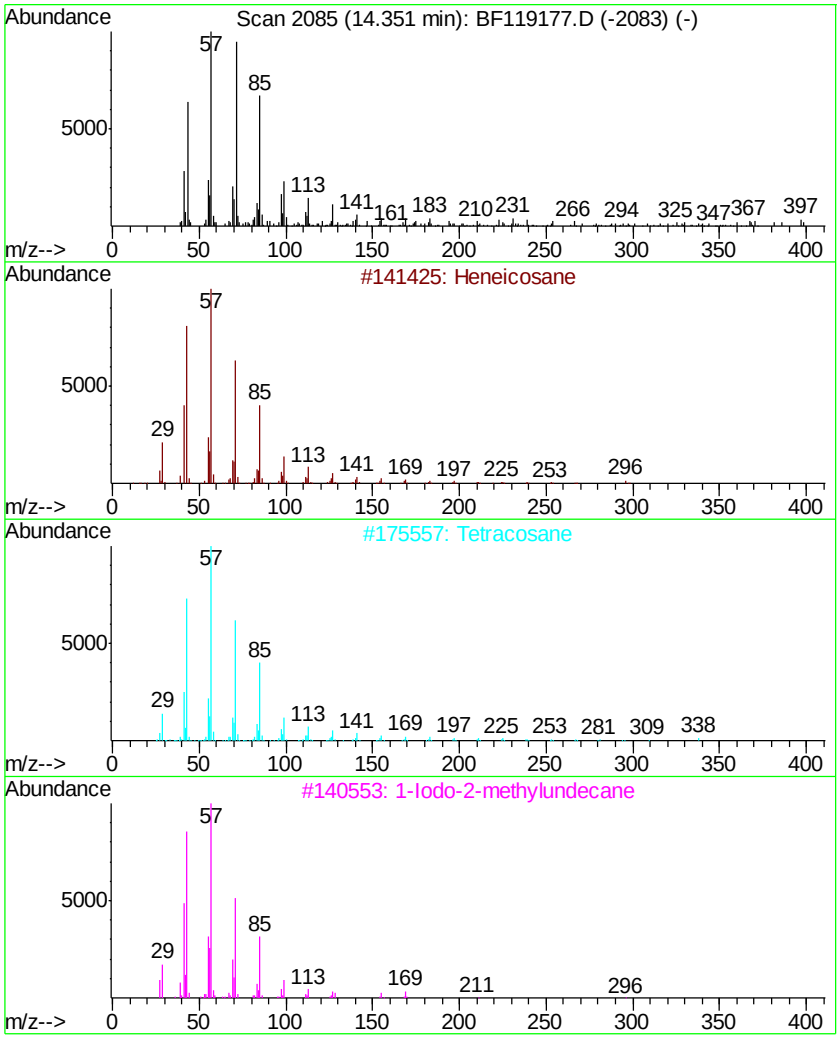
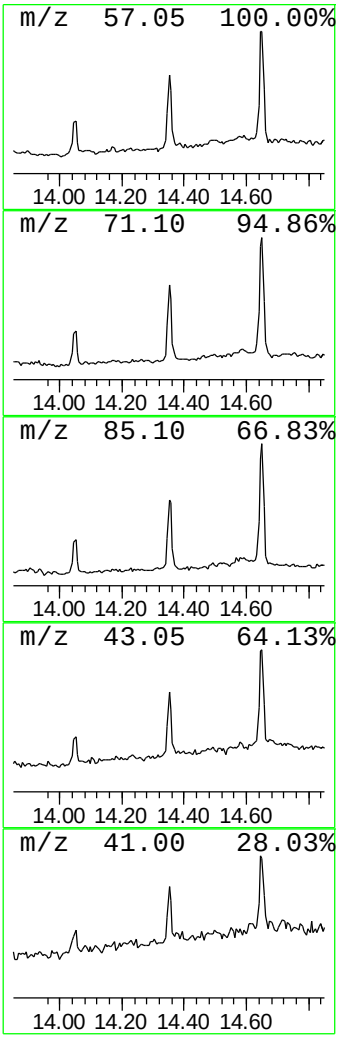
Peak Number 4 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.07 ng	102442	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Tetracosane	338	C24H50	000646-31-1	94
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Hexadecane	226	C16H34	000544-76-3	87





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Data File : BF119177.D
Acq On : 2 Mar 2020 19:22
Operator : CG/JU
Sample : L1740-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-09-022720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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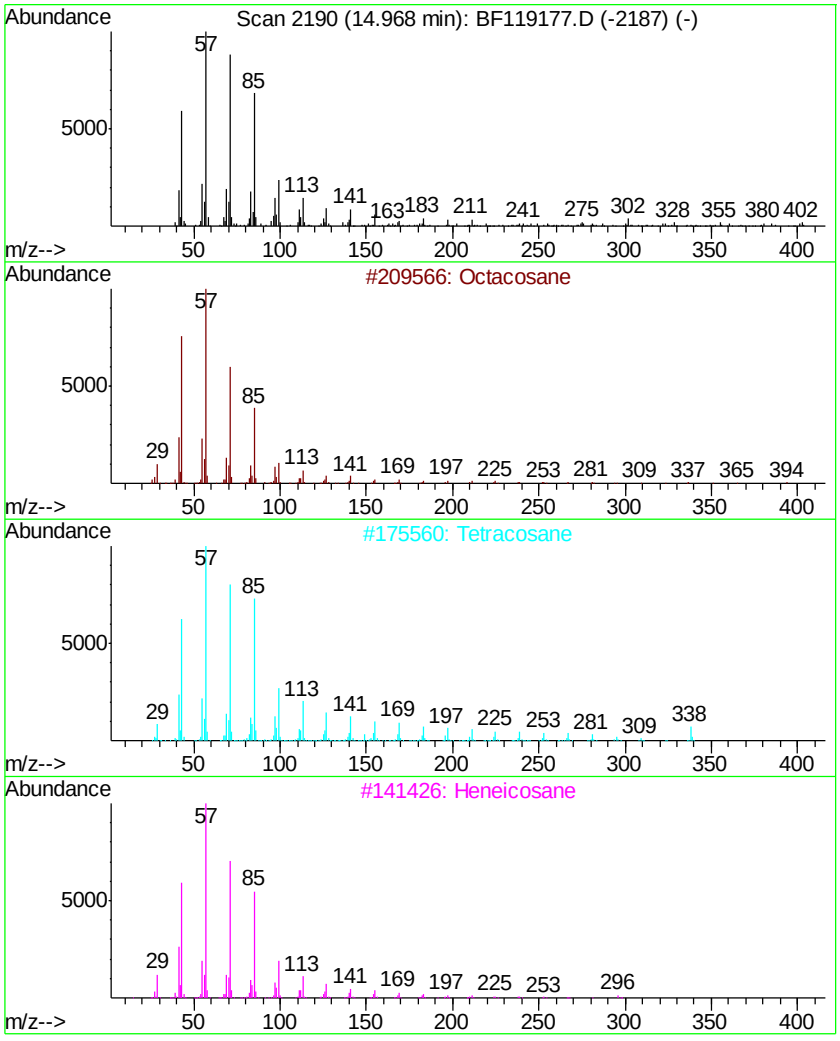
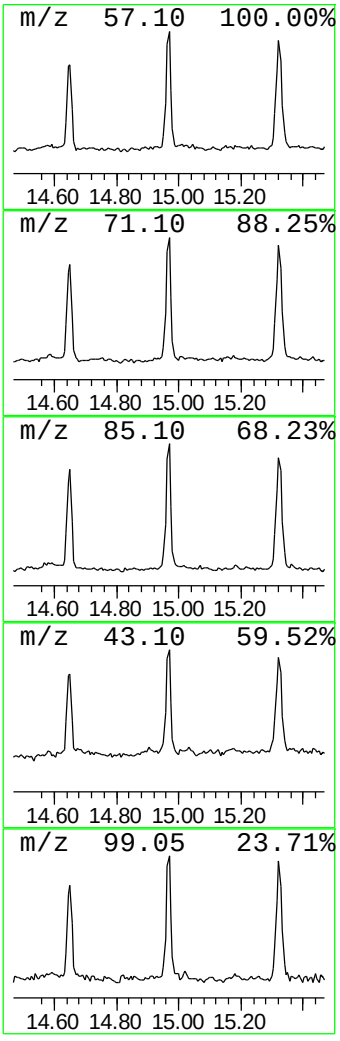
Peak Number 6 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	5.35 ng	288319	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Triacontane	422	C30H62	000638-68-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030220\
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Operator : CG/JU
Sample : L1740-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-09-022720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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	11.78	2.9	ng	170057	4	11.25	1173520	20.0
3-Eicosene, (E)-	13.74	3.6	ng	177942	5	13.89	987675	20.0
Heneicosane	14.35	2.1	ng	102442	5	13.89	987675	20.0
Octacosane	14.97	5.3	ng	288319	6	15.32	1078390	20.0