LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119528.D
Acq On : 26 Mar 2020 5:28
Operator : CG/JU
Sample : L1754-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-032420

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	2.193	14	18	25	rVB5	16775	29857	1.28%	0.150%
2	5.028	496	500	504	rVB	26402	27717	1.18%	0.139%
3	5.439	566	570	576	rBV	859507	721335	30.81%	3.620%
4	6.451	739	742	753	rBV	833602	714061	30.50%	3.583%
5	6.839	804	808	812	rBV	2119938	1776632	75.88%	8.916%
6	6.998	831	835	838	rBV	710710	601189	25.68%	3.017%
7	7.398	896	903	906	rBV	572173	464836	19.85%	2.333%
8	8.127	1022	1027	1030	rBV	2857865	2290665	97.84%	11.496%
9	8.192	1034	1038	1041	rVB2	19621	27307	1.17%	0.137%
10	8.722	1125	1128	1132	rBV	63244	58719	2.51%	0.295%
11	9.204	1206	1210	1215	rBV	1125587	852626	36.42%	4.279%
12	9.292	1221	1225	1231	rBV	69042	74699	3.19%	0.375%
13	9.598	1274	1277	1281	rBV2	82325	83026	3.55%	0.417%
14	9.821	1312	1315	1317	rVB	89260	67042	2.86%	0.336%
15	9.886	1322	1326	1332	rVV	2807920	2341319	100.00%	11.750%
16	10.321	1397	1400	1402	rVB	97865	79962	3.42%	0.401%
17	10.545	1432	1438	1440	rBV2	46705	55745	2.38%	0.280%
18	10.668	1455	1459	1464	rBV	483790	423324	18.08%	2.124%
19	10.792	1478	1480	1485	rVB	100547	128433	5.49%	0.645%
20	11.245	1553	1557	1559	rBV2	107104	89017	3.80%	0.447%
21	11.274	1559	1562	1567	rVB2	62871	71742	3.06%	0.360%
22	11.374	1575	1579	1582	rBV	2474131	2071839	88.49%	10.397%
23	11.427	1585	1588	1593	rVB2	23650	35618	1.52%	0.179%
24	11.674	1627	1630	1633	rBV	83729	77664	3.32%	0.390%
25	11.768	1643	1646	1653	rVB2	154561	149150	6.37%	0.748%
26	11.898	1666	1668	1673	rVB2	84252	80982	3.46%	0.406%
27	12.080	1696	1699	1701	rVB	98893	72574	3.10%	0.364%
28	12.192	1716	1718	1723	rVB3	28713	39213	1.67%	0.197%
29	12.357	1743	1746	1753	rVB9	26125	45954	1.96%	0.231%
30	12.427	1755	1758	1760	rBV2	46982	47537	2.03%	0.239%
31	12.457	1760	1763	1765	rBV	366090	364316	15.56%	1.828%
32	12.480	1765	1767	1770	rVB2	537477	398107	17.00%	1.998%
33	12.562	1775	1781	1783	rBV2	70077	95336	4.07%	0.478%
34	12.586	1783	1785	1787	rVB	76427	56860	2.43%	0.285%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119528.D
Acq On : 26 Mar 2020 5:28
Operator : CG/JU
Sample : L1754-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-032420

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

35	12.686	1799	1802	1804	rBV4	43957	43715	1.87%	0.219%
36	12.815	1821	1824	1826	rVV	57435	41289	1.76%	0.207%
37	12.839	1826	1828	1831	rVB	92734	81630	3.49%	0.410%
38	12.957	1845	1848	1852	rBV	746646	610019	26.05%	3.061%
39	13.198	1886	1889	1893	rVB	127257	119476	5.10%	0.600%
40	13.539	1945	1947	1950	rBV	140159	126553	5.41%	0.635%
41	13.868	2001	2003	2006	rBV	132752	118287	5.05%	0.594%
42	14.015	2024	2028	2031	rBV	1737473	1544724	65.98%	7.752%
43	14.186	2055	2057	2061	rVB	194012	162080	6.92%	0.813%
44	14.492	2106	2109	2112	rBV	248164	219584	9.38%	1.102%
45	14.804	2159	2162	2164	rBV	219245	202991	8.67%	1.019%
46	15.145	2217	2220	2224	rVB	245331	262674	11.22%	1.318%
47	15.486	2273	2278	2282	rVV	1087933	1351980	57.74%	6.785%
48	15.527	2282	2285	2290	rVB	225313	306583	13.09%	1.539%
49	15.968	2357	2360	2366	rBV	152440	220534	9.42%	1.107%

Sum of corrected areas: 19926522

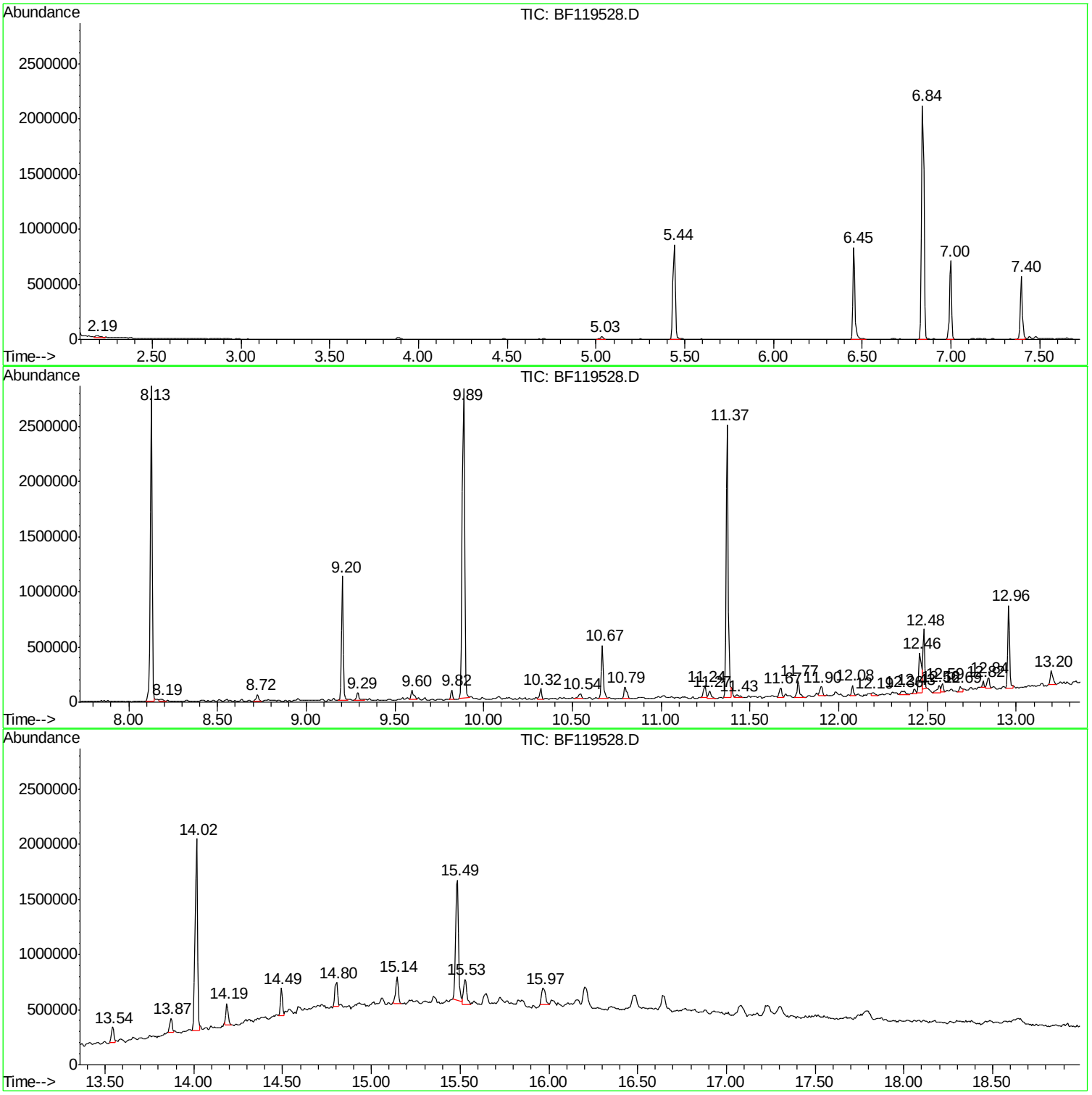
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119528.D
Acq On : 26 Mar 2020 5:28
Operator : CG/JU
Sample : L1754-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-032420

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\BF032520\
Data File : BF119528.D
Acq On : 26 Mar 2020 5:28
Operator : CG/JU
Sample : L1754-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-032420

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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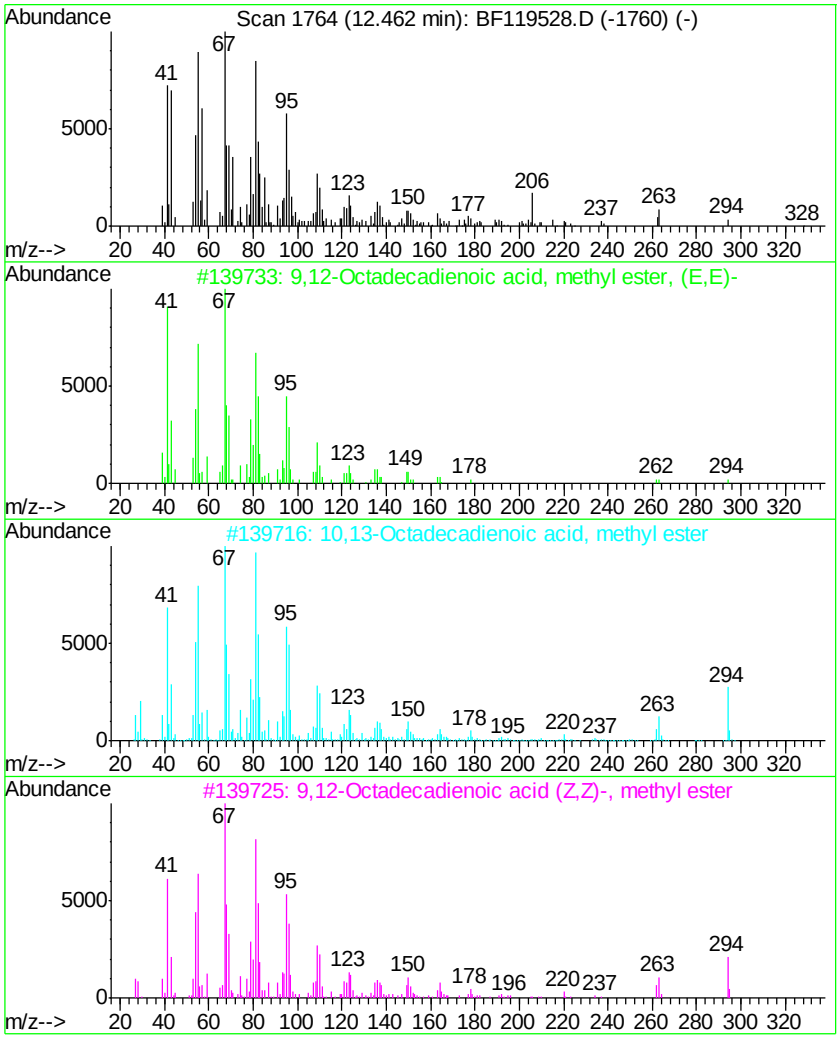
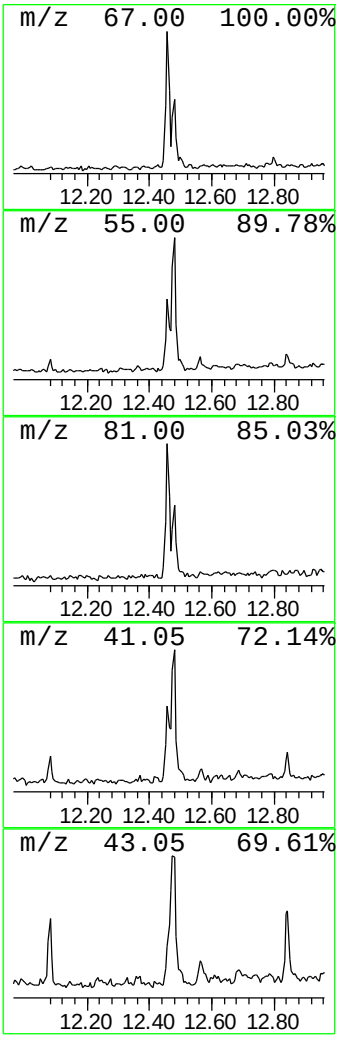
Peak Number 2 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.52 ng	364316	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119528.D
Acq On : 26 Mar 2020 5:28
Operator : CG/JU
Sample : L1754-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-032420

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

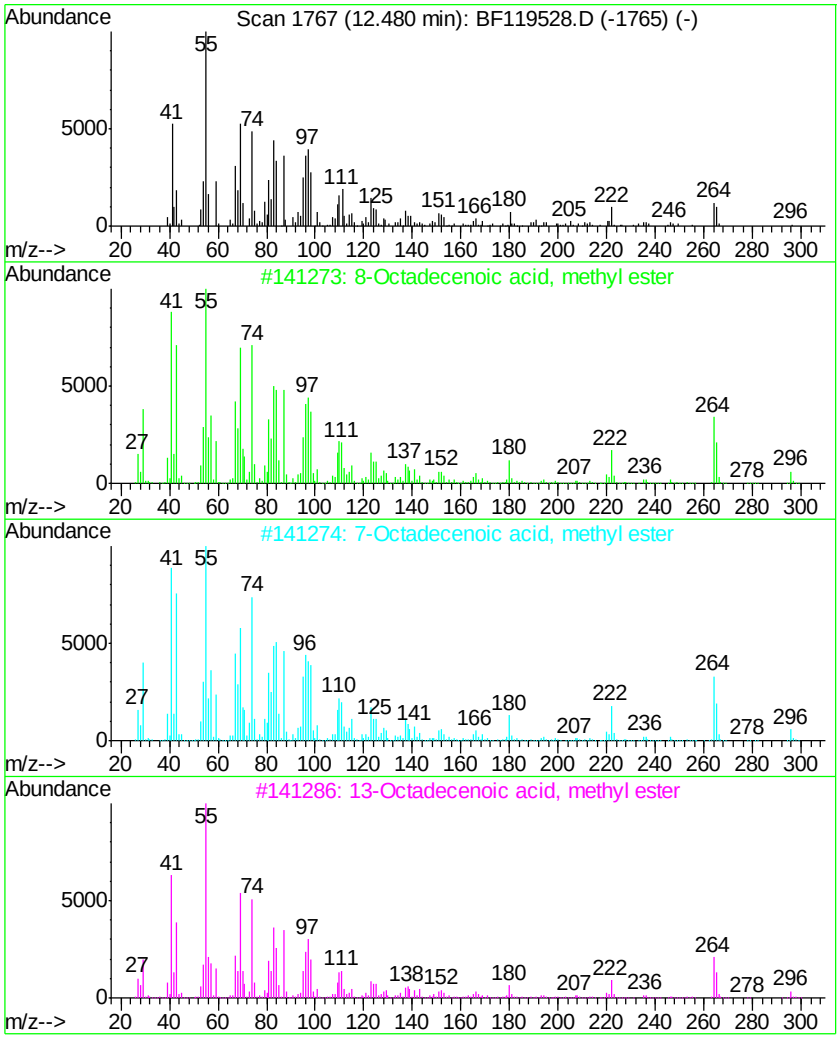
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

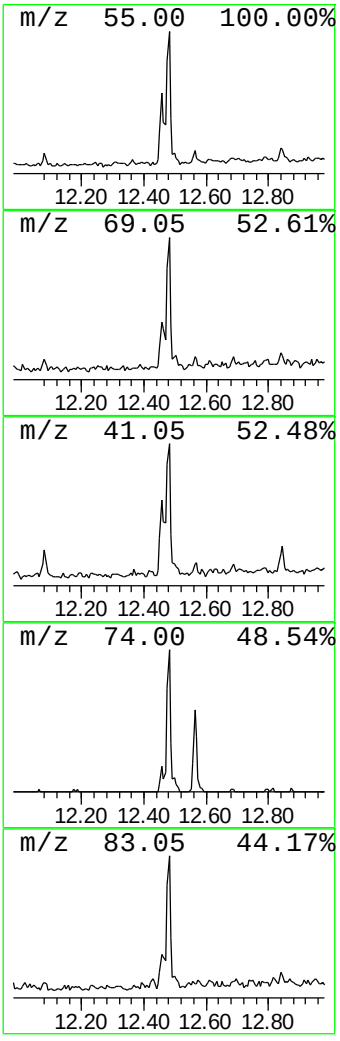
****

Peak Number 3 8-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	3.84 ng	398107	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	98
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119528.D
Acq On : 26 Mar 2020 5:28
Operator : CG/JU
Sample : L1754-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-032420

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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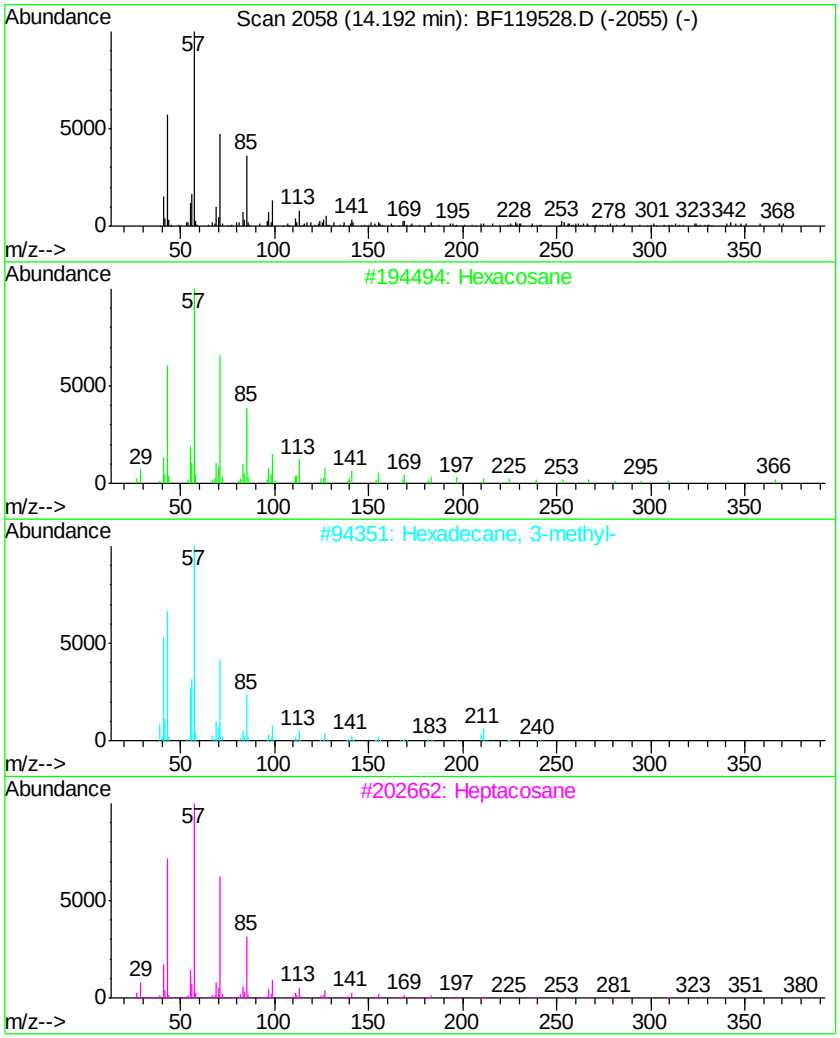
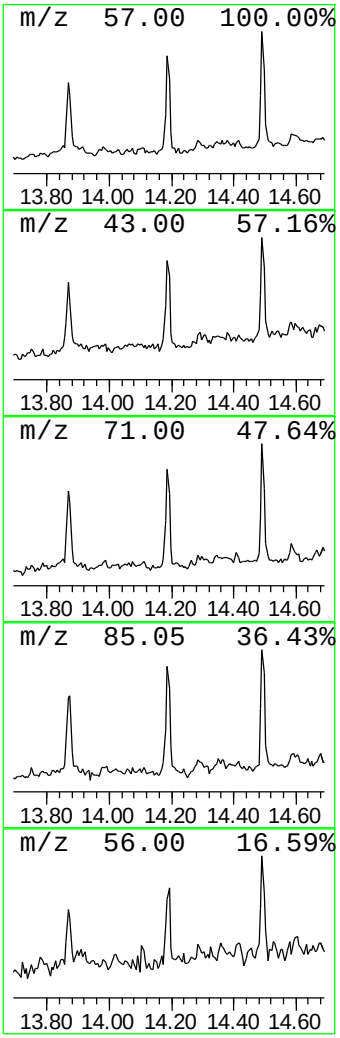
Peak Number 4 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.10 ng	162080	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
3	Heptacosane	380	C27H56	000593-49-7	83
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	80
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119528.D
Acq On : 26 Mar 2020 5:28
Operator : CG/JU
Sample : L1754-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-032420

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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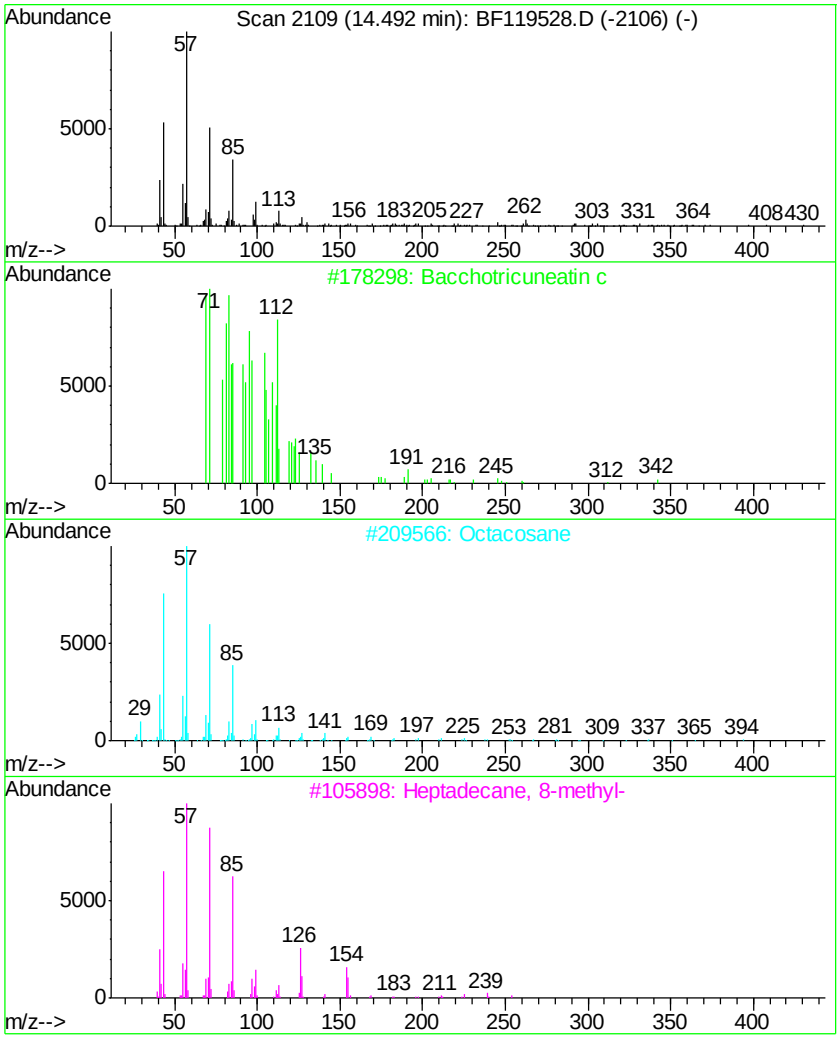
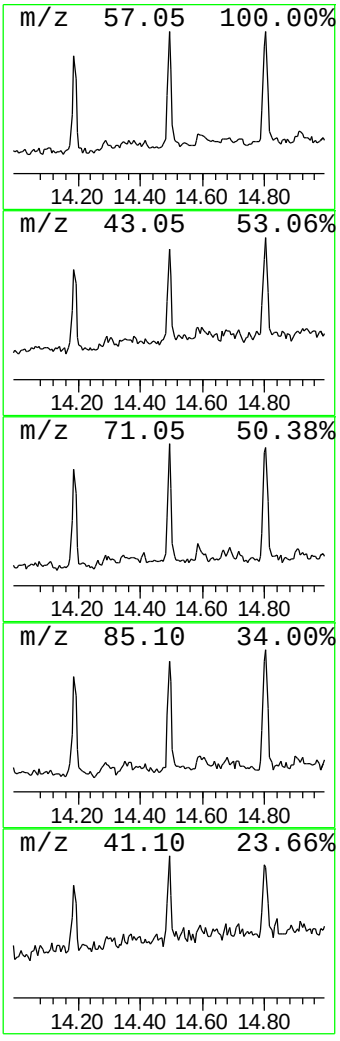
Peak Number 5 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.84 ng	219584	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Octacosane	394	C28H58	000630-02-4	76
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	76
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	68
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119528.D
Acq On : 26 Mar 2020 5:28
Operator : CG/JU
Sample : L1754-01 10X
Misc :
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Instrument : BNA_F
ClientSampleId : NB-08-032420

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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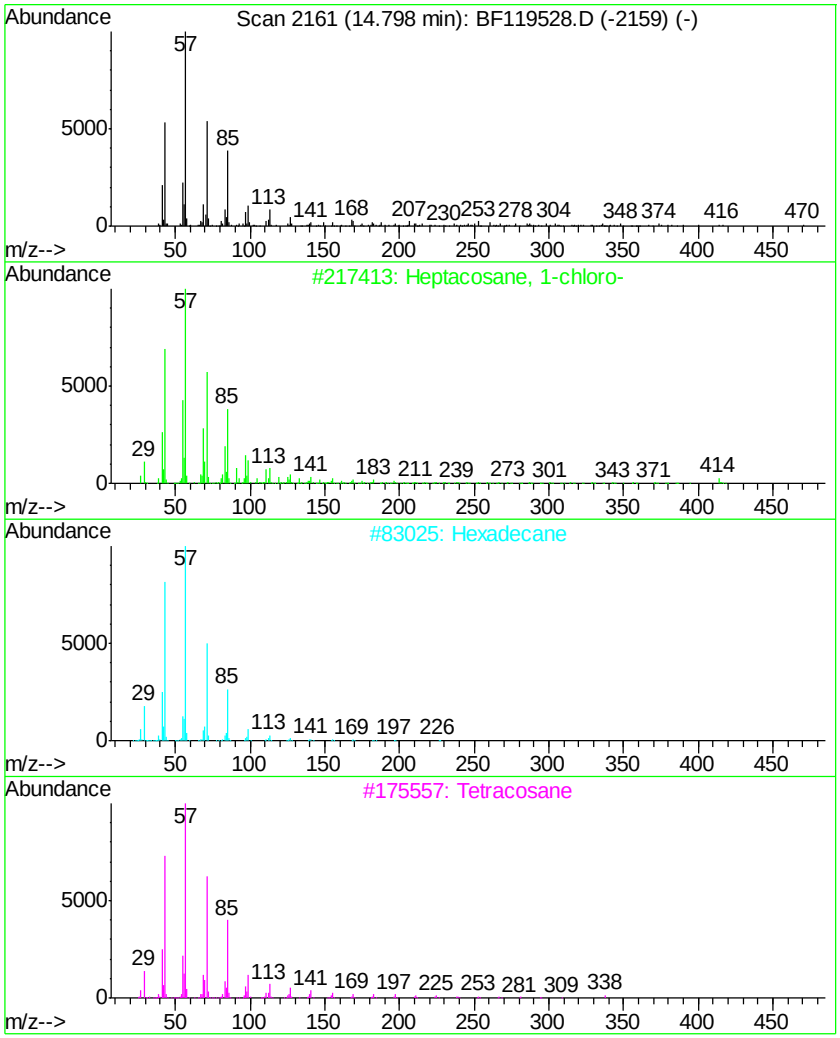
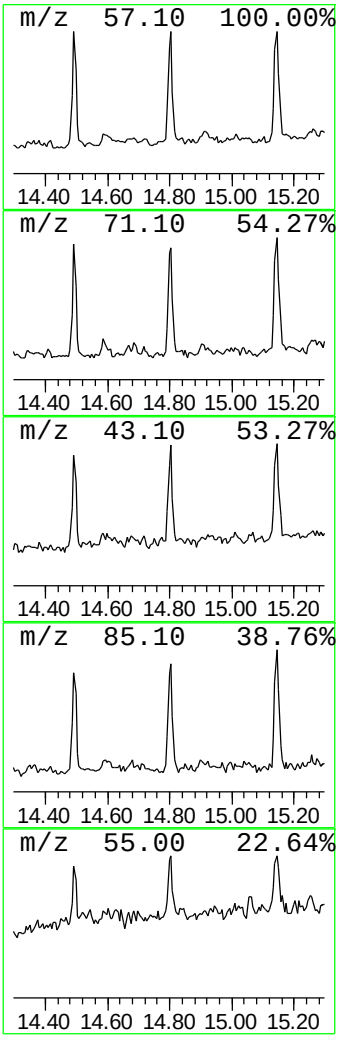
Peak Number 6 Heptacosane, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.00 ng	202991	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Eicosane	282	C20H42	000112-95-8	83
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119528.D
Acq On : 26 Mar 2020 5:28
Operator : CG/JU
Sample : L1754-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-032420

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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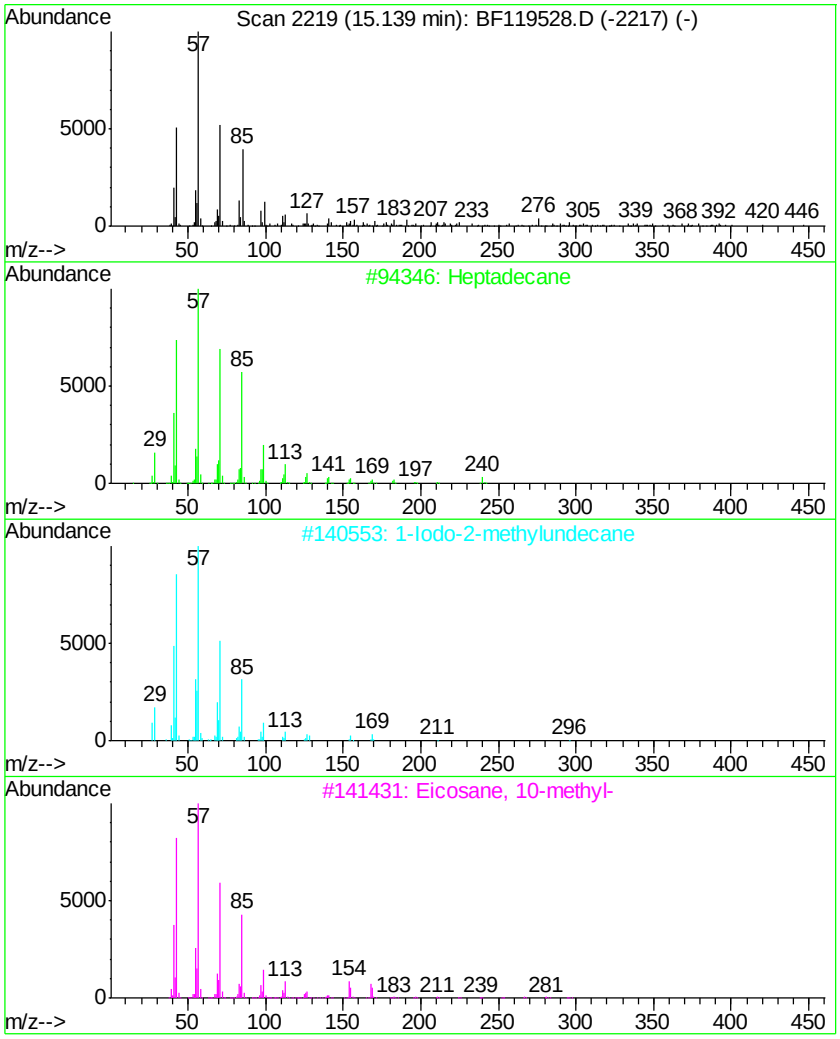
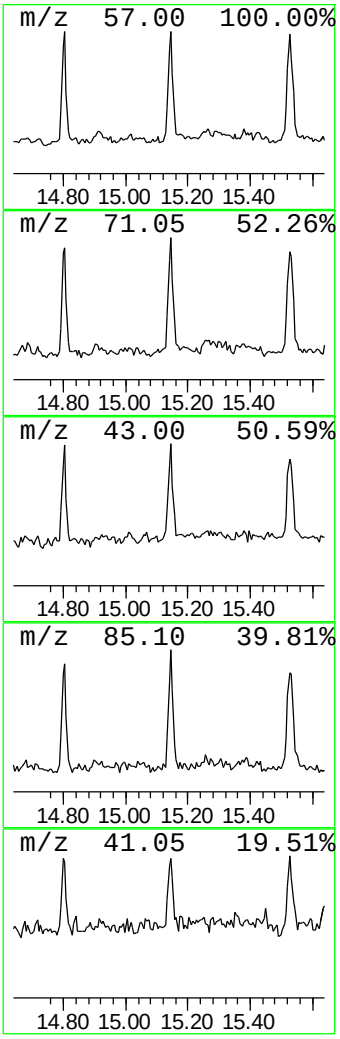
Peak Number 7 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.89 ng	262674	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4	Tricosane	324	C23H48	000638-67-5	83
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119528.D
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Operator : CG/JU
Sample : L1754-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-032420

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

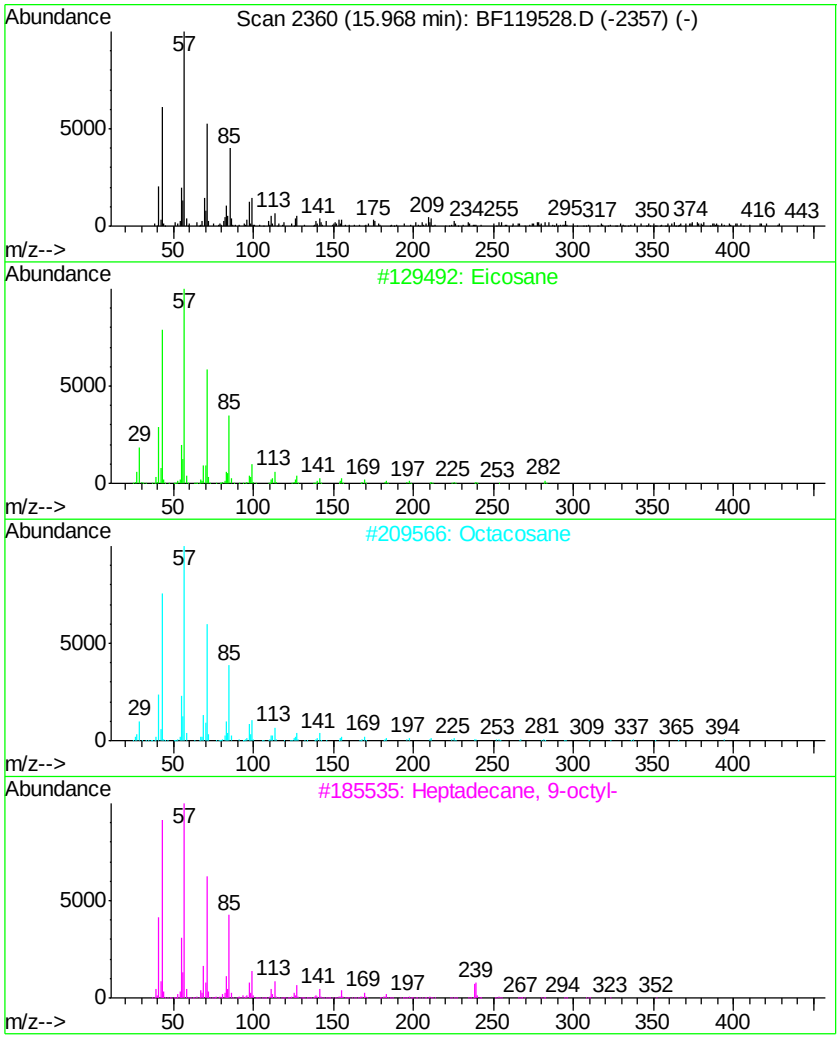
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

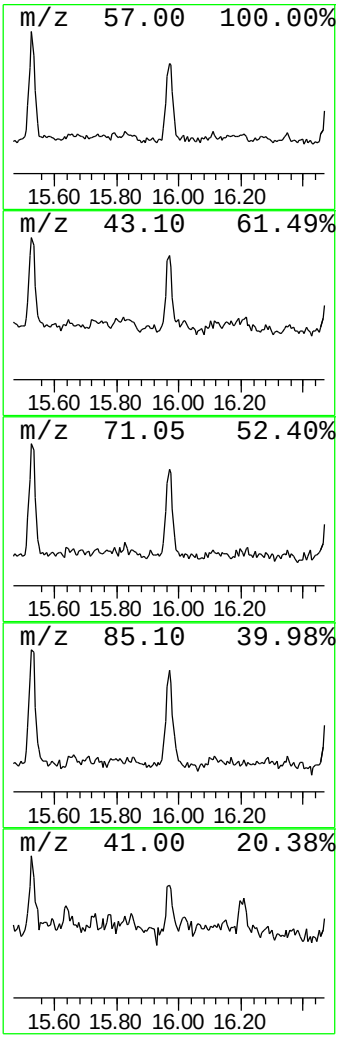
****

Peak Number 8 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.26 ng	220534	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octacosane	394	C28H58	000630-02-4	94
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
Data File : BF119528.D
Acq On : 26 Mar 2020 5:28
Operator : CG/JU
Sample : L1754-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-032420

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
9,12-Octadecadien...	12.46	3.5	ng	364316	4	11.37	2071840	20.0
8-Octadecenoic ac...	12.48	3.8	ng	398107	4	11.37	2071840	20.0
Hexacosane	14.19	2.1	ng	162080	5	14.02	1544720	20.0
Bacchotricuneatin c	14.49	2.8	ng	219584	5	14.02	1544720	20.0
Heptacosane, 1-ch...	14.80	3.0	ng	202991	6	15.49	1351980	20.0
Heptadecane	15.14	3.9	ng	262674	6	15.49	1351980	20.0
Eicosane	15.97	3.3	ng	220534	6	15.49	1351980	20.0