LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119072.D
Acq On : 25 Feb 2020 18:48
Operator : CG/JU
Sample : L1671-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-022420-GW-BD

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	4.475	401	406	415	rBB	219787	274458	3.81%	0.597%
2	5.381	556	560	580	rBV	2455468	2379261	33.07%	5.177%
3	6.392	728	732	749	rBV	1566846	1500242	20.85%	3.264%
4	6.751	789	793	801	rBV	1263689	1094460	15.21%	2.381%
5	6.910	815	820	823	rBV	4523811	4529489	62.95%	9.856%
6	7.316	883	889	892	rBV	2931243	3514875	48.85%	7.648%
7	8.033	1006	1011	1016	rBV	1488661	1443922	20.07%	3.142%
8	8.392	1067	1072	1082	rBV	91398	127720	1.78%	0.278%
9	9.110	1188	1194	1197	rBV	6318193	7195237	100.00%	15.656%
10	9.210	1205	1211	1217	rVB4	48593	82548	1.15%	0.180%
11	9.498	1256	1260	1265	rBV	366866	352839	4.90%	0.768%
12	9.786	1303	1309	1319	rVB	1900563	1821268	25.31%	3.963%
13	10.580	1437	1444	1447	rBV	4461783	4899658	68.10%	10.661%
14	10.692	1460	1463	1467	rBV	81007	77052	1.07%	0.168%
15	11.133	1534	1538	1542	rBV3	159616	165496	2.30%	0.360%
16	11.268	1555	1561	1568	rBV	2124370	1881335	26.15%	4.094%
17	11.804	1648	1652	1664	rBV2	905141	1048477	14.57%	2.281%
18	11.963	1675	1679	1684	rVB2	62386	84786	1.18%	0.184%
19	12.363	1741	1747	1755	rVB4	52320	97667	1.36%	0.213%
20	12.586	1781	1785	1796	rBV	524957	616954	8.57%	1.342%
21	12.857	1825	1831	1834	rBV	6760116	7125044	99.02%	15.503%
22	13.745	1979	1982	1992	rBV	631342	845636	11.75%	1.840%
23	13.904	2002	2009	2018	rBV	1733517	1674695	23.28%	3.644%
24	14.068	2033	2037	2044	rBV	116906	118587	1.65%	0.258%
25	14.368	2085	2088	2099	rVB	191360	230149	3.20%	0.501%
26	14.668	2135	2139	2143	rVB	253738	251177	3.49%	0.547%
27	14.986	2188	2193	2198	rBV	293880	321405	4.47%	0.699%
28	15.327	2246	2251	2262	rBV	1032273	1625163	22.59%	3.536%
29	15.756	2318	2324	2329	rBV	182464	270746	3.76%	0.589%
30	15.809	2329	2333	2348	rVB4	51597	138710	1.93%	0.302%
31	16.227	2398	2404	2409	rBV	96296	168818	2.35%	0.367%

Sum of corrected areas: 45957874

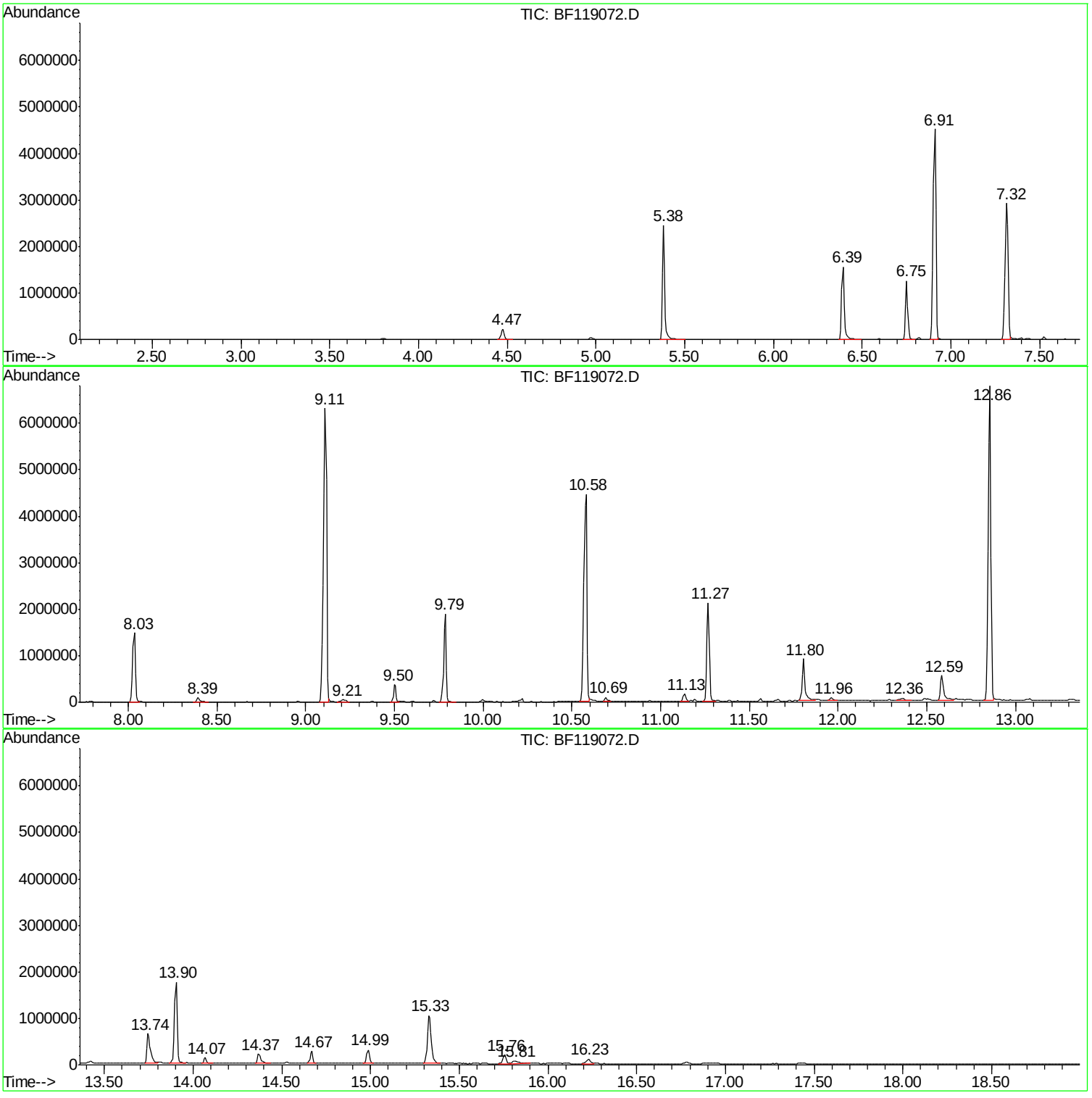
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119072.D
Acq On : 25 Feb 2020 18:48
Operator : CG/JU
Sample : L1671-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-022420-GW-BD

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119072.D
Acq On : 25 Feb 2020 18:48
Operator : CG/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-022420-GW-BD

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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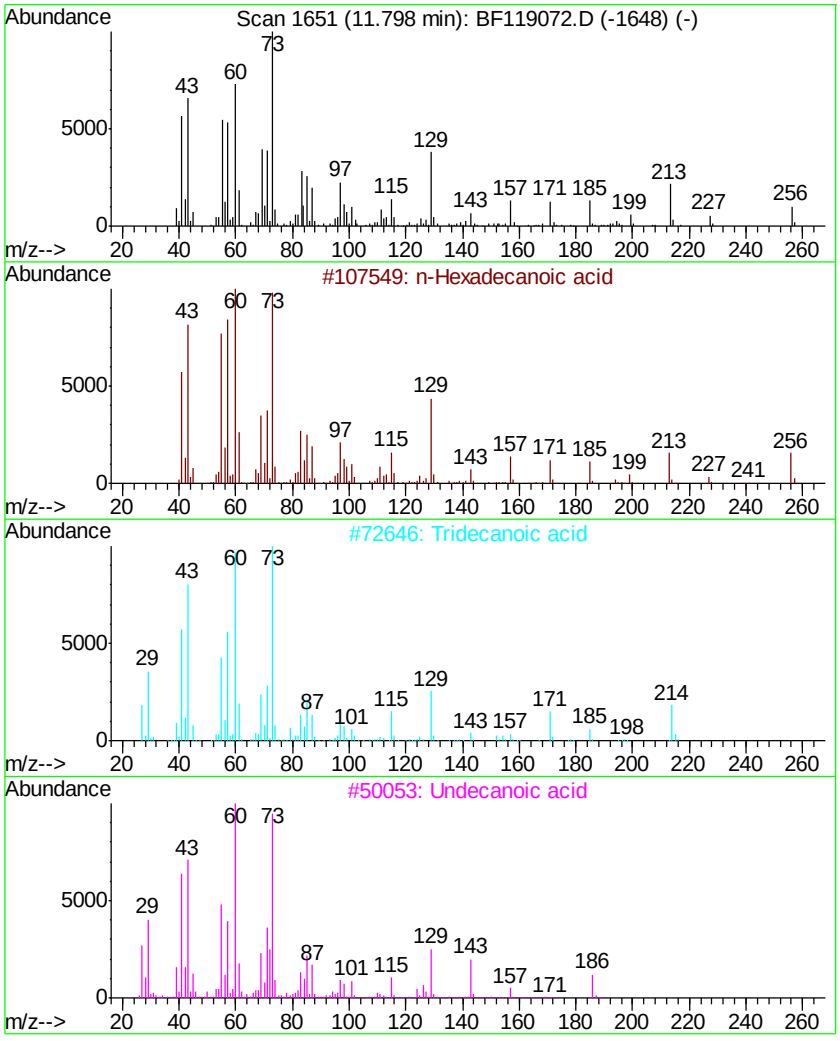
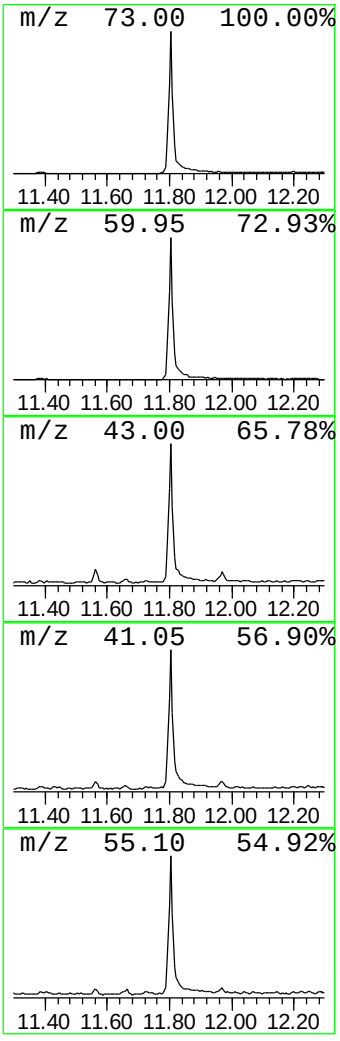
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	11.15 ng	1048480	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Undecanoic acid	186	C11H22O2	000112-37-8	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119072.D
Acq On : 25 Feb 2020 18:48
Operator : CG/JU
Sample : L1671-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-022420-GW-BD

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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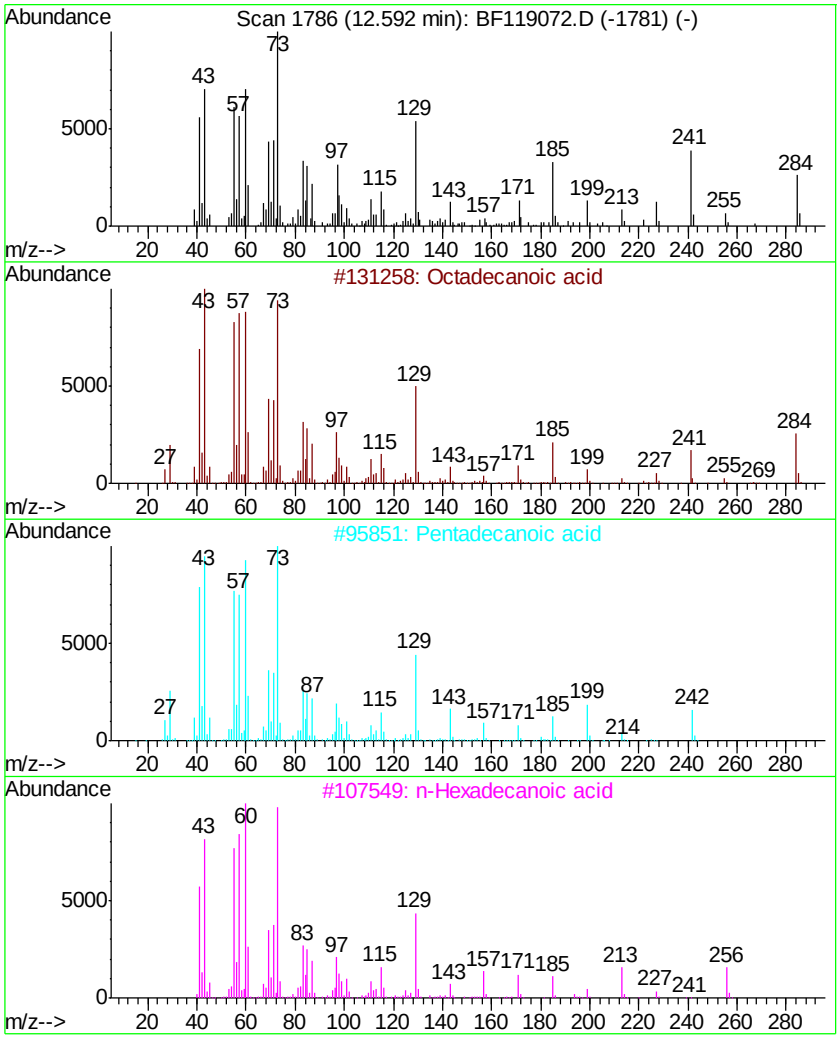
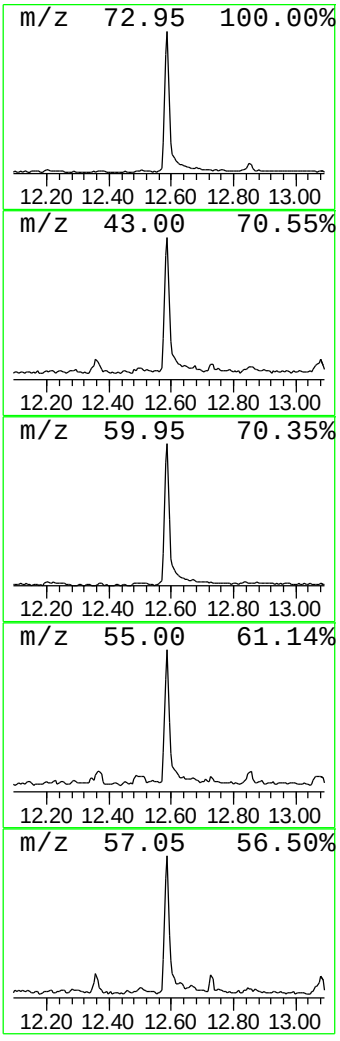
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	7.37 ng	616954	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119072.D
Acq On : 25 Feb 2020 18:48
Operator : CG/JU
Sample : L1671-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-022420-GW-BD

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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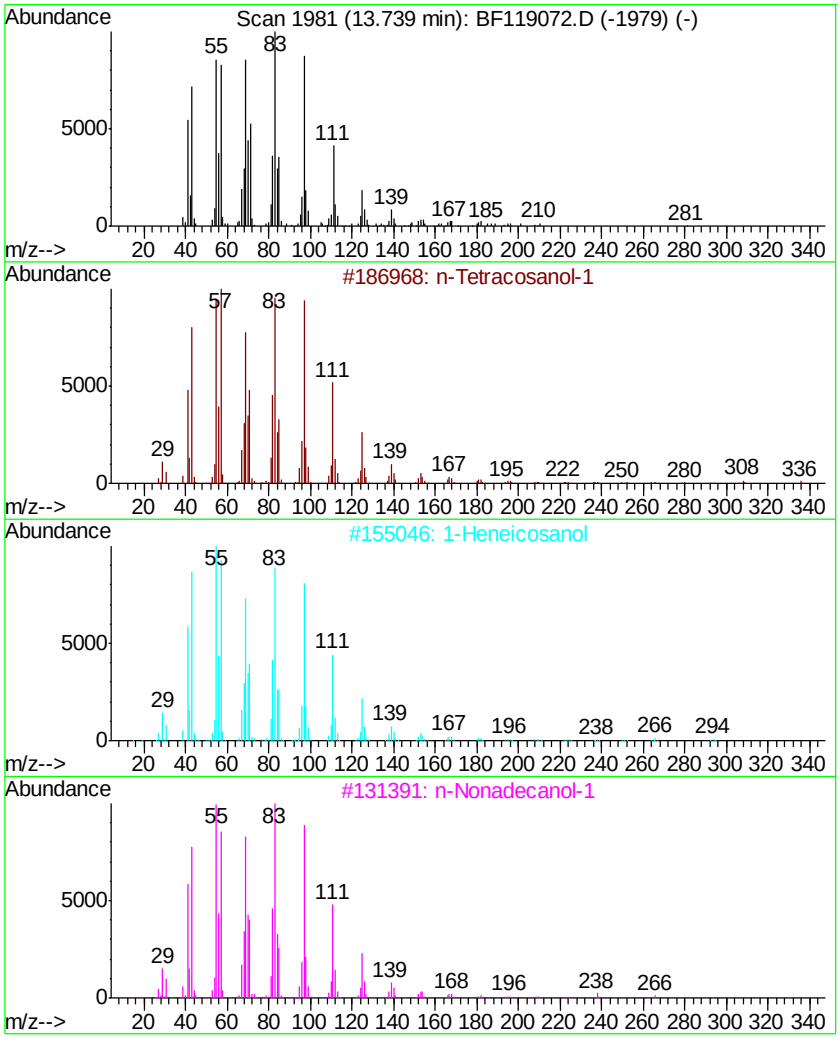
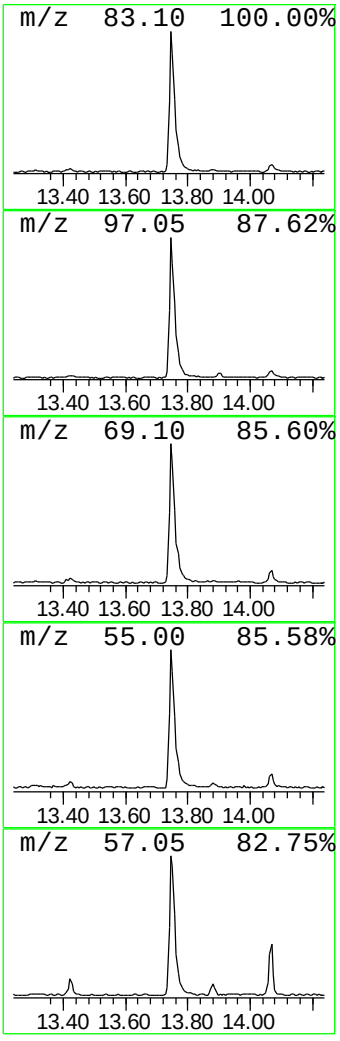
Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	10.10 ng	845636	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119072.D
Acq On : 25 Feb 2020 18:48
Operator : CG/JU
Sample : L1671-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-022420-GW-BD

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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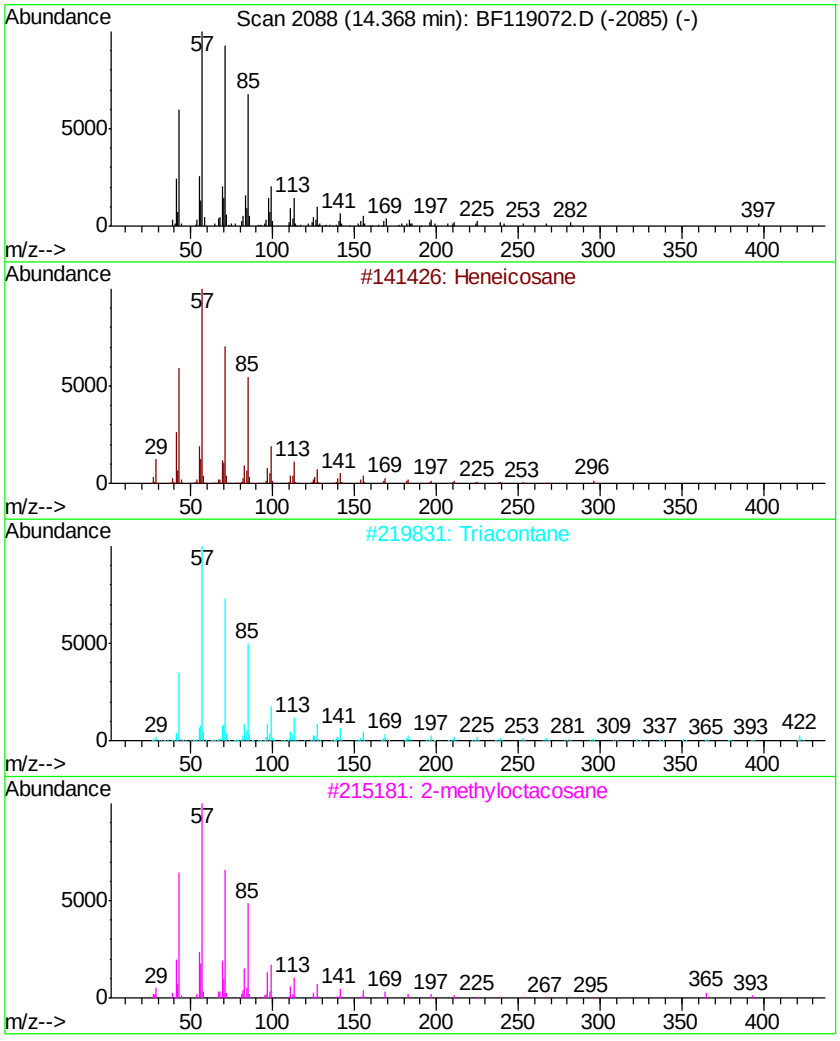
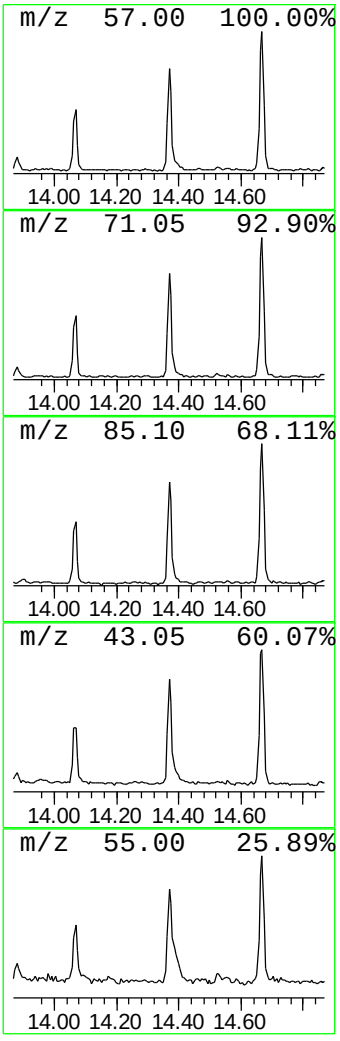
Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.75 ng	230149	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119072.D
Acq On : 25 Feb 2020 18:48
Operator : CG/JU
Sample : L1671-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-022420-GW-BD

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

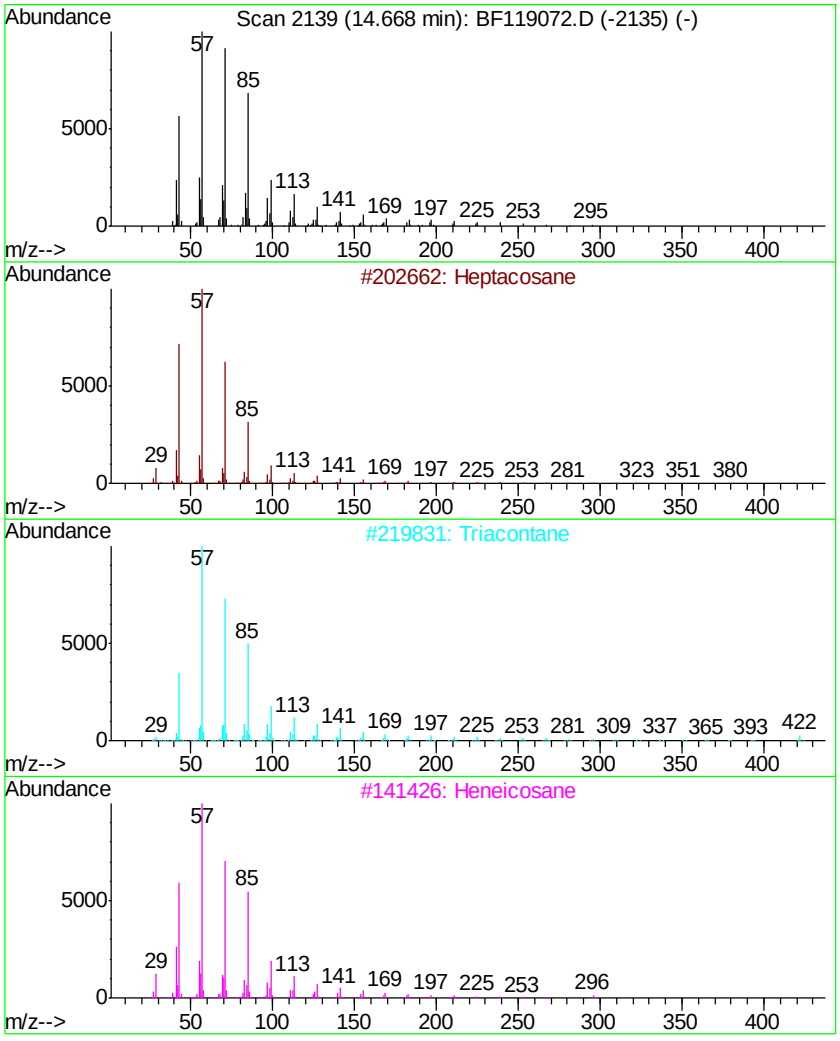
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

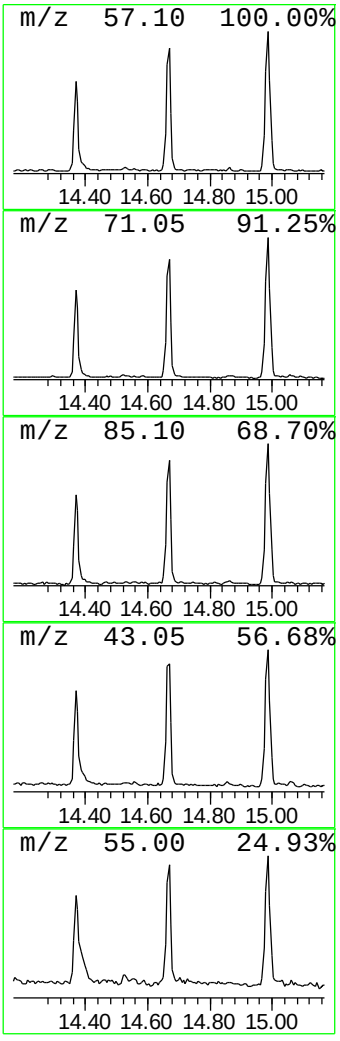
****

Peak Number 7 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.09 ng	251177	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

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Data File : BF119072.D
Acq On : 25 Feb 2020 18:48
Operator : CG/JU
Sample : L1671-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-022420-GW-BD

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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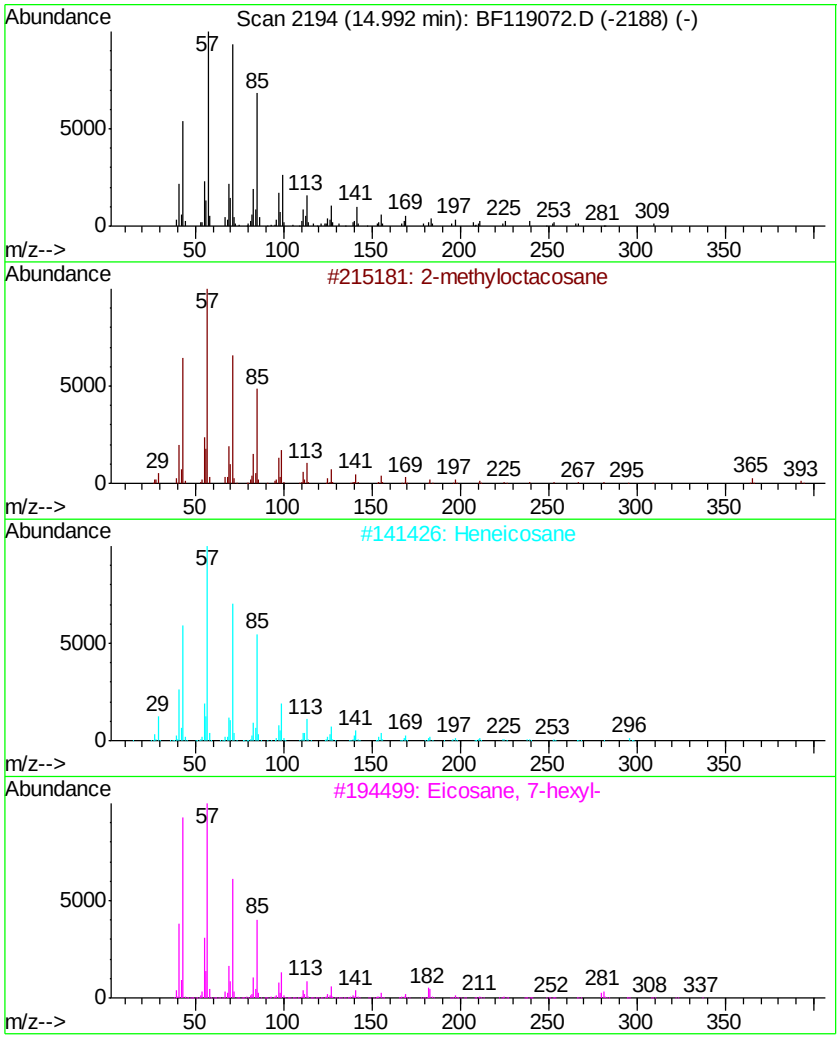
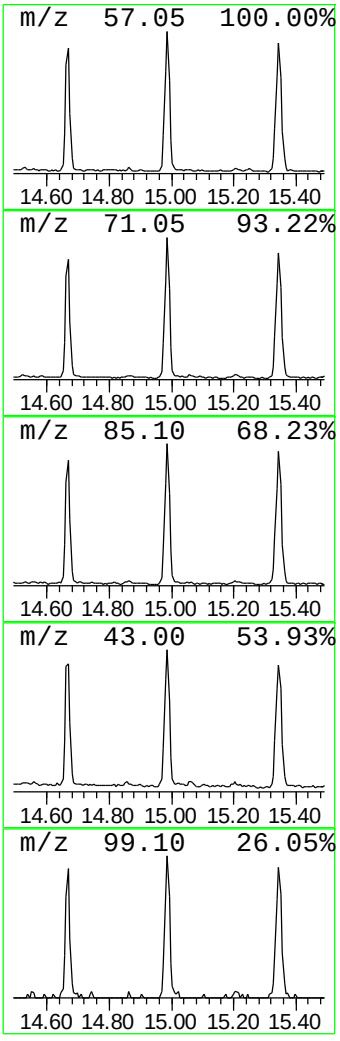
Peak Number 8 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.96 ng	321405	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	2-methylhexacosane	380	C27H56	1000376-72-7	91
5	Docosane	310	C22H46	000629-97-0	91





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Data File : BF119072.D
Acq On : 25 Feb 2020 18:48
Operator : CG/JU
Sample : L1671-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-022420-GW-BD

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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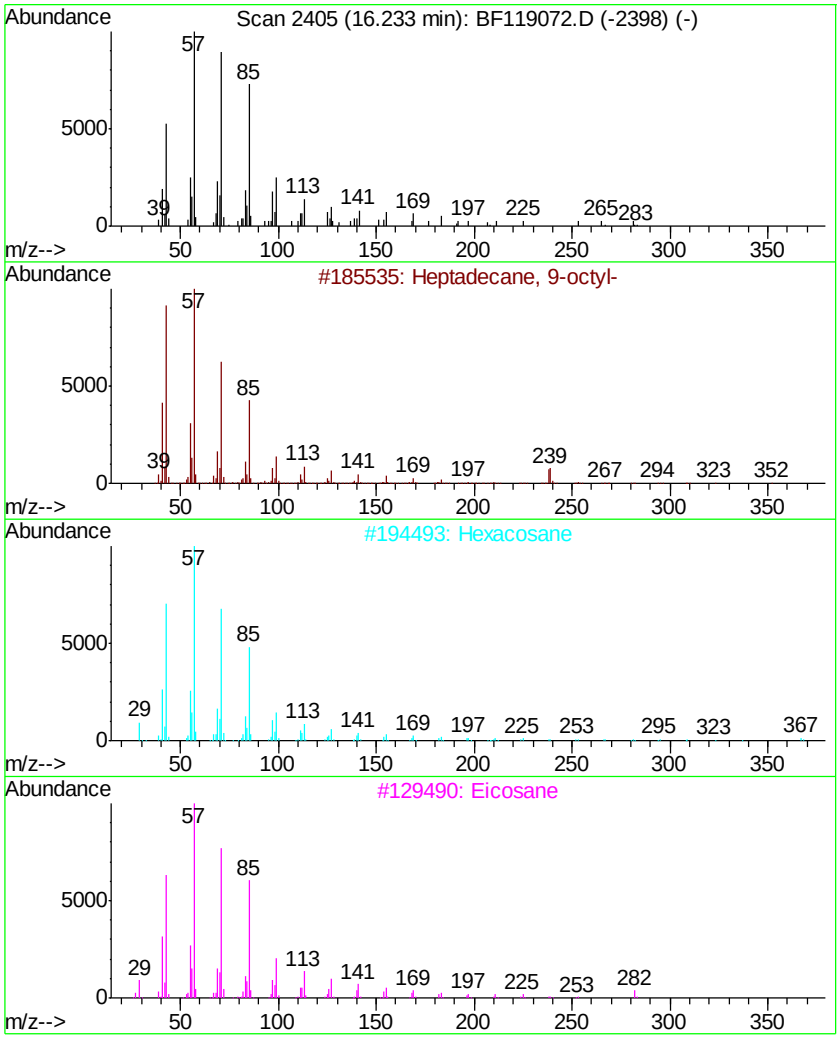
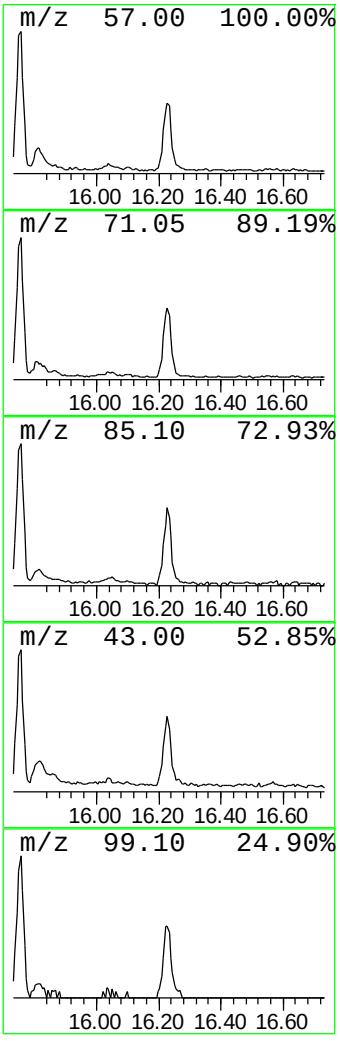
Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	2.08 ng	168818	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022520\
Data File : BF119072.D
Acq On : 25 Feb 2020 18:48
Operator : CG/JU
Sample : L1671-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-022420-GW-BD

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	11.80	11.2	ng	1048480	4	11.27	1881340	20.0
Octadecanoic acid	12.59	7.4	ng	616954	5	13.90	1674700	20.0
n-Tetracosanol-1	13.74	10.1	ng	845636	5	13.90	1674700	20.0
Heneicosane	14.37	2.8	ng	230149	5	13.90	1674700	20.0
Heptacosane	14.67	3.1	ng	251177	6	15.33	1625160	20.0
2-methyloctacosane	14.99	4.0	ng	321405	6	15.33	1625160	20.0
Heptadecane, 9-oc...	16.23	2.1	ng	168818	6	15.33	1625160	20.0