LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113015.D
Acq On : 12 Mar 2019 21:01
Operator : JU/SJ
Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

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-BF022719.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	5.346	549	554	558	rBV	3943654	4411803	88.30%	9.997%
2	6.375	723	729	732	rBV	4389359	4681163	93.69%	10.608%
3	6.504	746	751	754	rBV	4864879	4716117	94.39%	10.687%
4	6.734	786	790	793	rBV	1270533	1152044	23.06%	2.611%
5	6.887	812	816	820	rBV	3728458	3688440	73.82%	8.358%
6	7.293	880	885	888	rBV	3050702	2986548	59.77%	6.768%
7	8.010	1003	1007	1014	rBV	1363083	1381414	27.65%	3.130%
8	9.087	1186	1190	1204	rBV	4727643	4996548	100.00%	11.322%
9	9.481	1253	1257	1268	rVB	381492	378820	7.58%	0.858%
10	9.763	1301	1305	1318	rBV	1635762	1530100	30.62%	3.467%
11	10.545	1434	1438	1453	rBV	2973591	3226792	64.58%	7.312%
12	11.239	1552	1556	1572	rVB	1388382	1436418	28.75%	3.255%
13	11.780	1644	1648	1657	rBV	528123	653724	13.08%	1.481%
14	11.851	1657	1660	1669	rVB4	25338	57100	1.14%	0.129%
15	12.557	1777	1780	1794	rBV	123840	192516	3.85%	0.436%
16	12.822	1820	1825	1828	rBV	4267066	4054846	81.15%	9.188%
17	13.304	1899	1907	1913	rBV8	26495	64353	1.29%	0.146%
18	13.404	1917	1924	1926	rBV2	49147	59189	1.18%	0.134%
19	13.722	1975	1978	1994	rBV	535518	729246	14.59%	1.652%
20	13.863	1998	2002	2009	rBV	1360707	1446682	28.95%	3.278%
21	14.045	2030	2033	2037	rVB	91602	81740	1.64%	0.185%
22	14.345	2081	2084	2096	rVB2	137152	206399	4.13%	0.468%
23	14.645	2131	2135	2139	rBV	127172	142694	2.86%	0.323%
24	14.874	2171	2174	2182	rVB	30800	54016	1.08%	0.122%
25	14.957	2185	2188	2192	rBV	137902	156481	3.13%	0.355%
26	15.268	2236	2241	2246	rBV	869295	1169216	23.40%	2.649%
27	15.310	2246	2248	2254	rVB	126128	161218	3.23%	0.365%
28	15.716	2313	2317	2322	rBV	98822	146204	2.93%	0.331%
29	15.768	2322	2326	2333	rBV4	86002	168117	3.36%	0.381%

Sum of corrected areas: 44129948

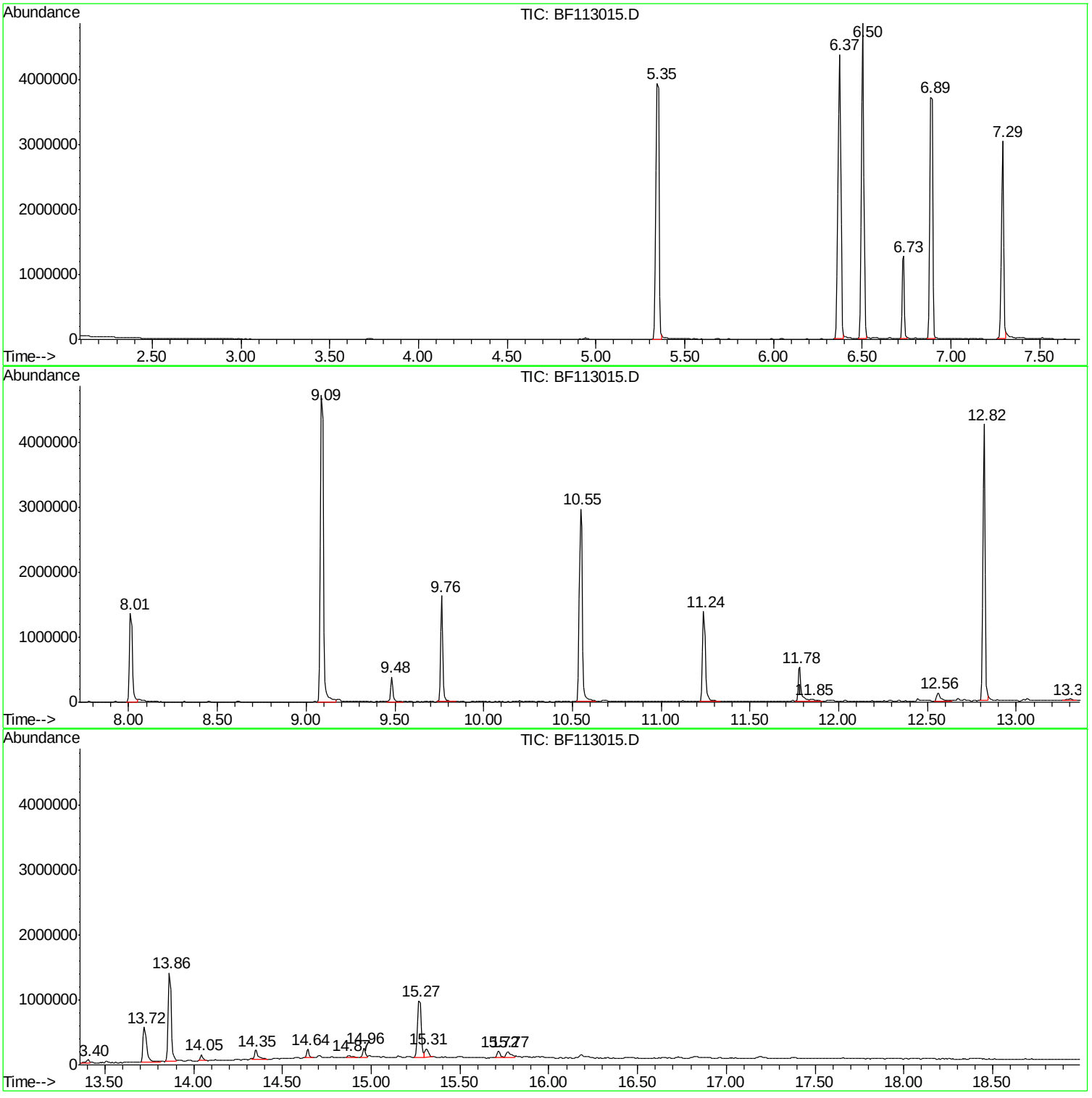
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113015.D
Acq On : 12 Mar 2019 21:01
Operator : JU/SJ
Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF031219\
Data File : BF113015.D
Acq On : 12 Mar 2019 21:01
Operator : JU/SJ
Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

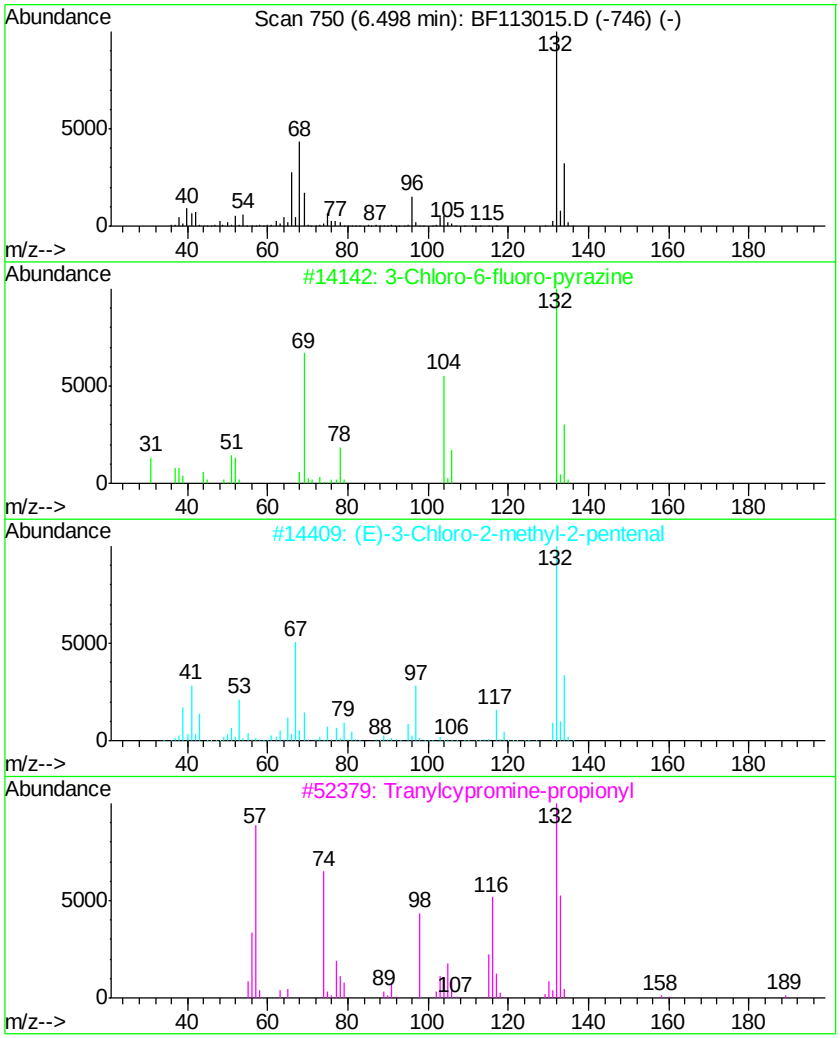
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

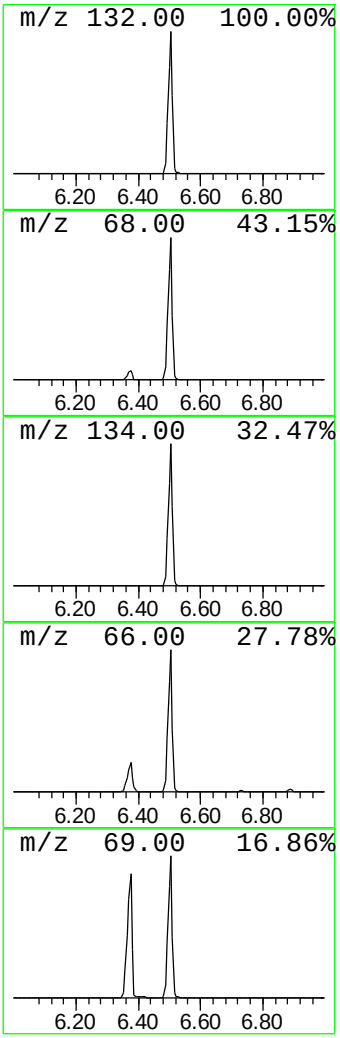
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	81.87 ng	4716120	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113015.D
Acq On : 12 Mar 2019 21:01
Operator : JU/SJ
Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

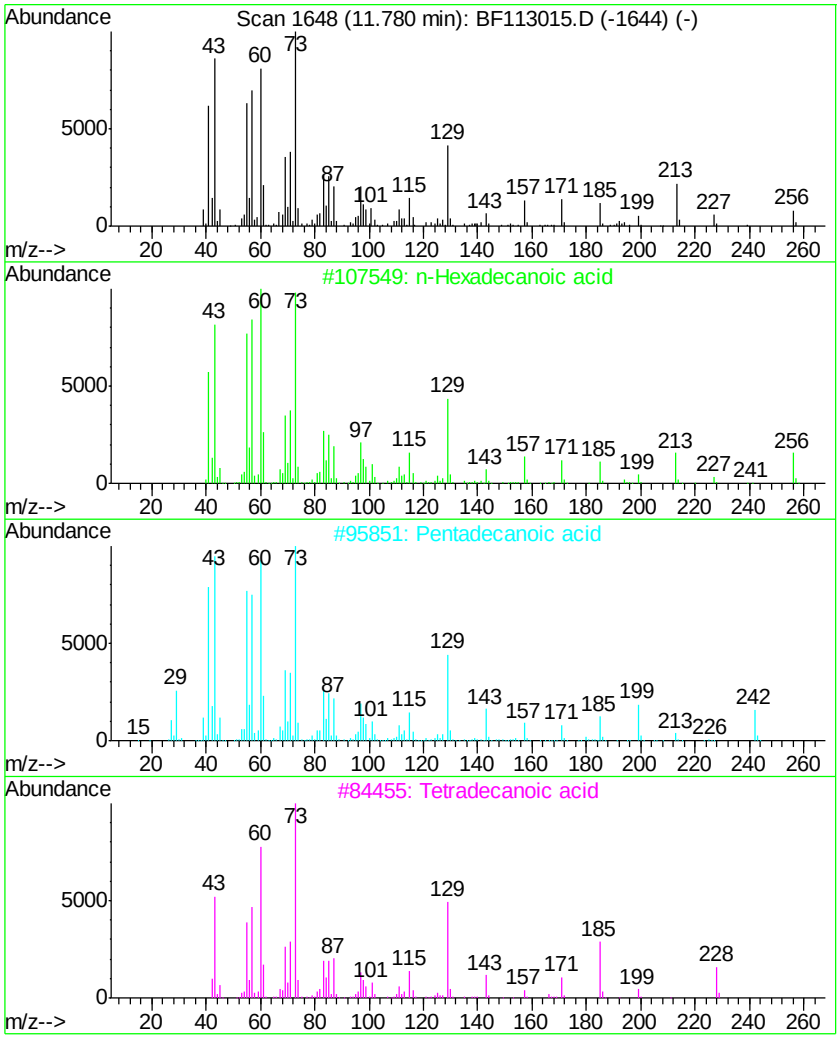
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

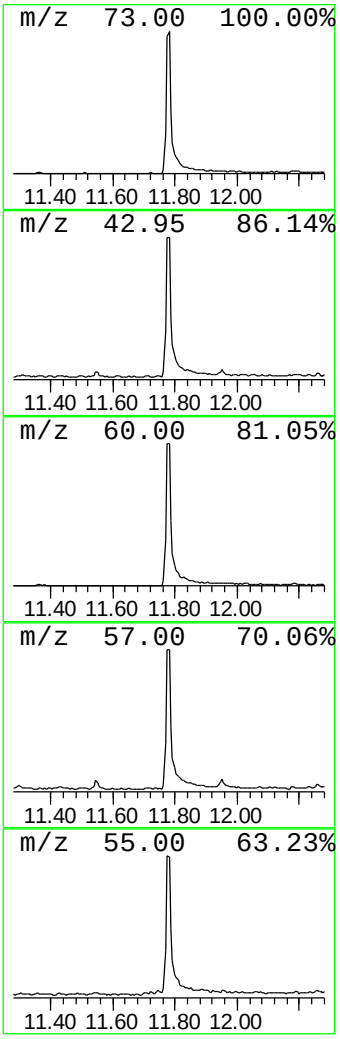
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	9.10 ng	653724	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113015.D
Acq On : 12 Mar 2019 21:01
Operator : JU/SJ
Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

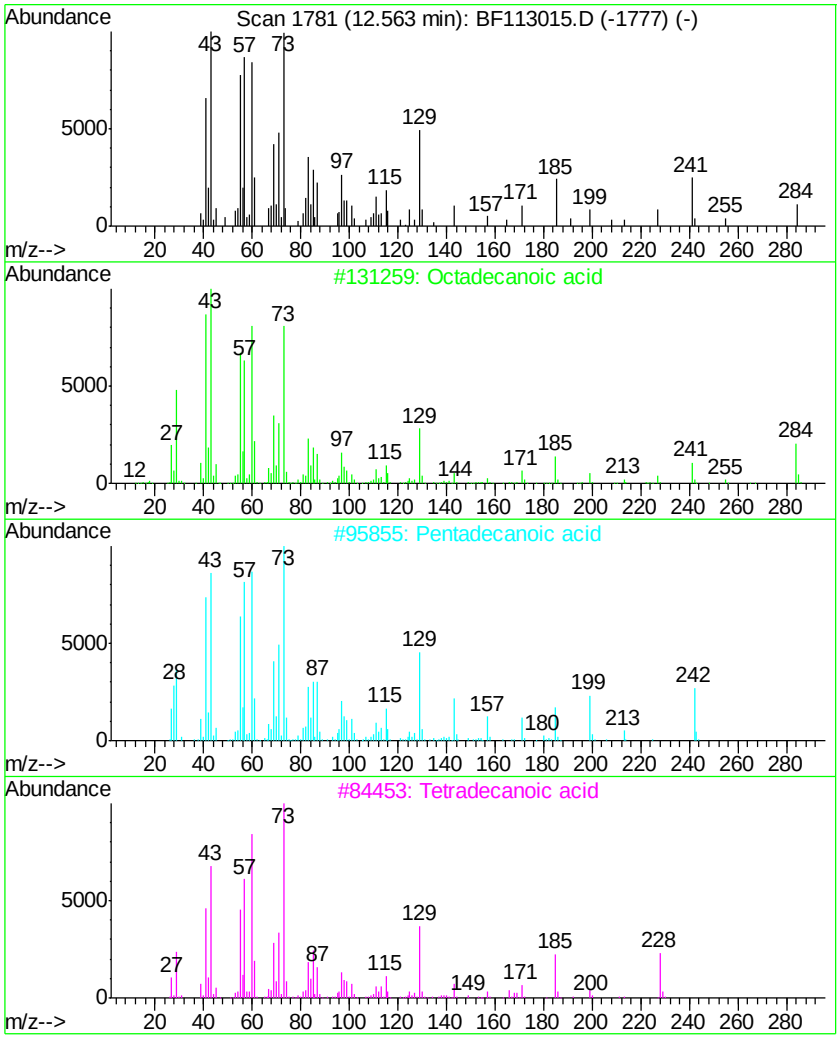
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

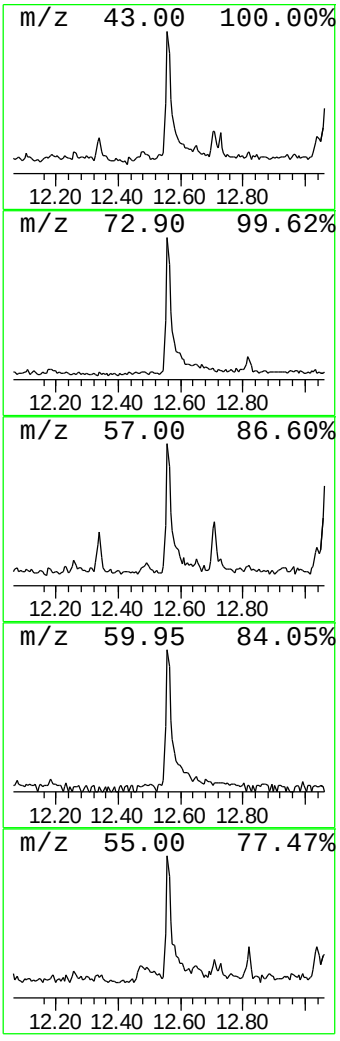
****

Peak Number 4 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.66 ng	192516	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113015.D
Acq On : 12 Mar 2019 21:01
Operator : JU/SJ
Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

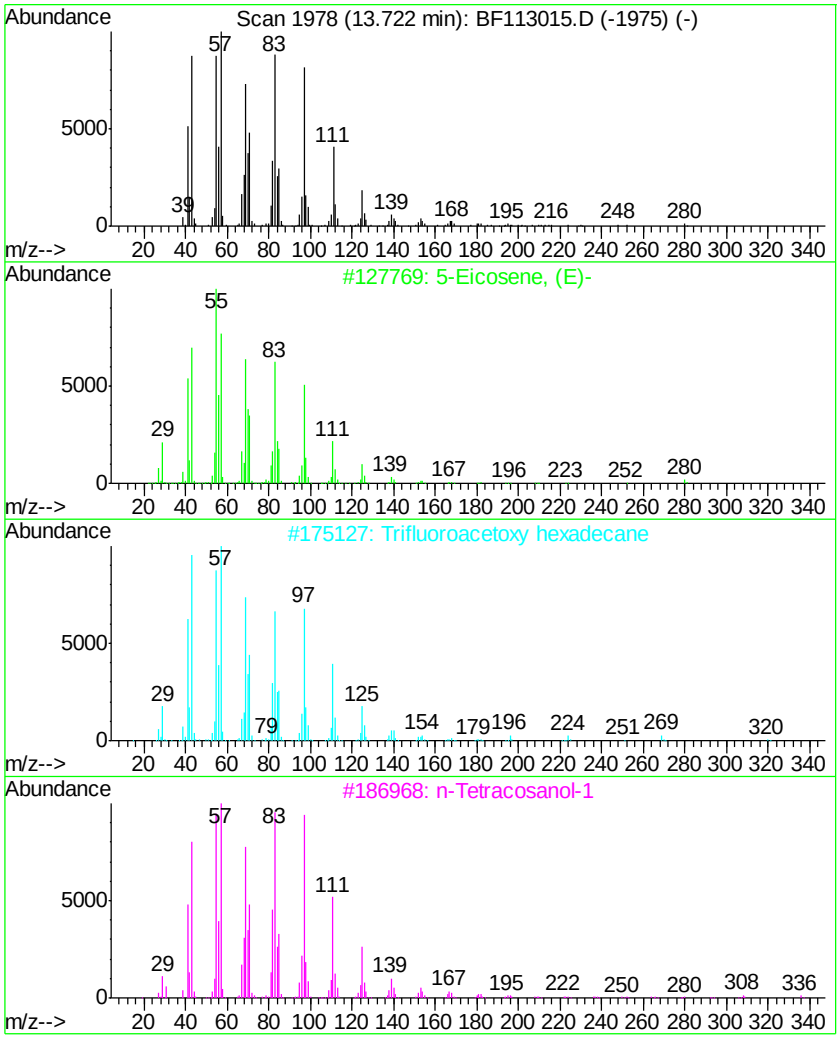
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

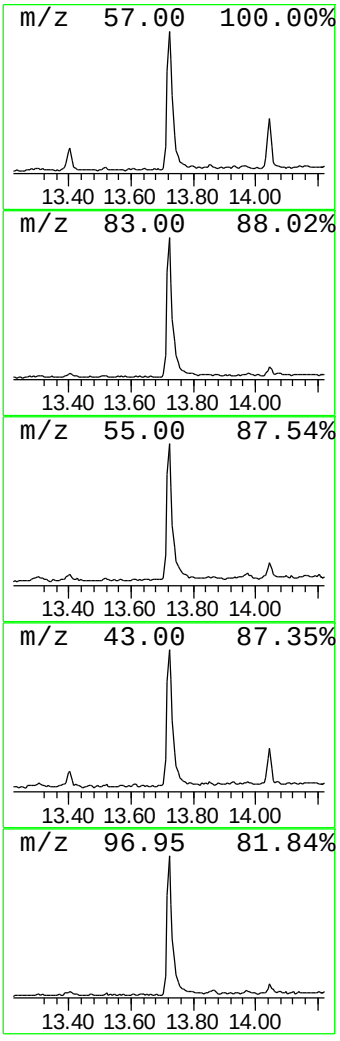
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	10.08 ng	729246	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Docosene	308	C22H44	001599-67-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113015.D
Acq On : 12 Mar 2019 21:01
Operator : JU/SJ
Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

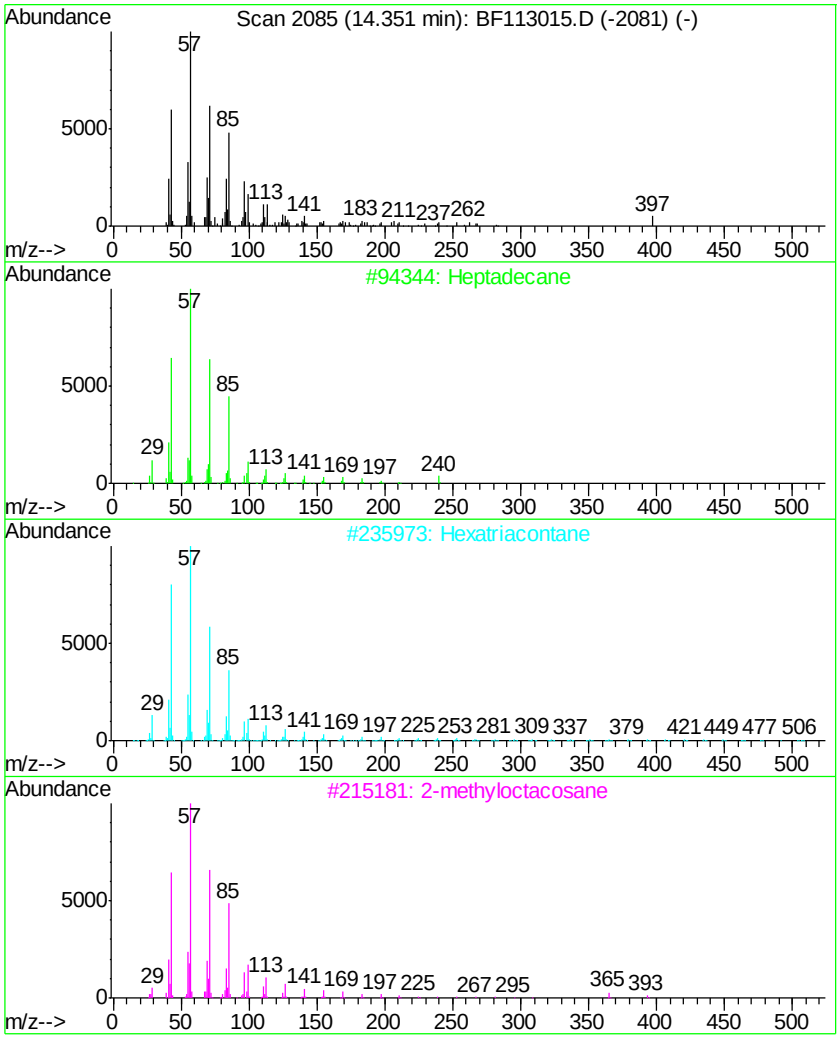
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

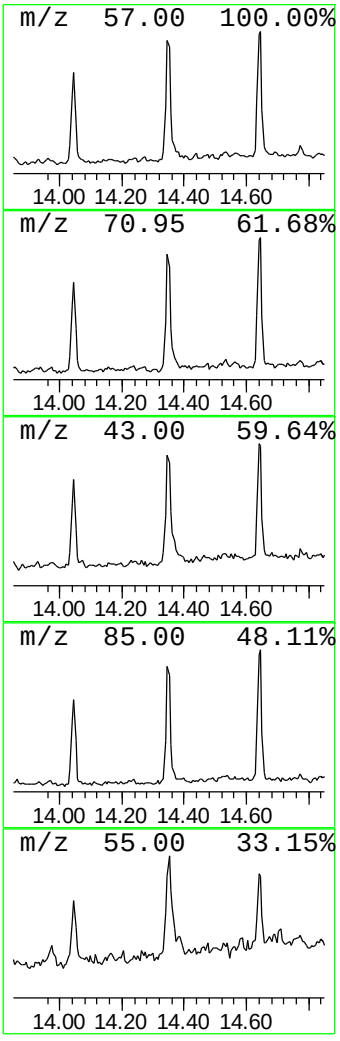
****

Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.85 ng	206399	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113015.D
Acq On : 12 Mar 2019 21:01
Operator : JU/SJ
Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

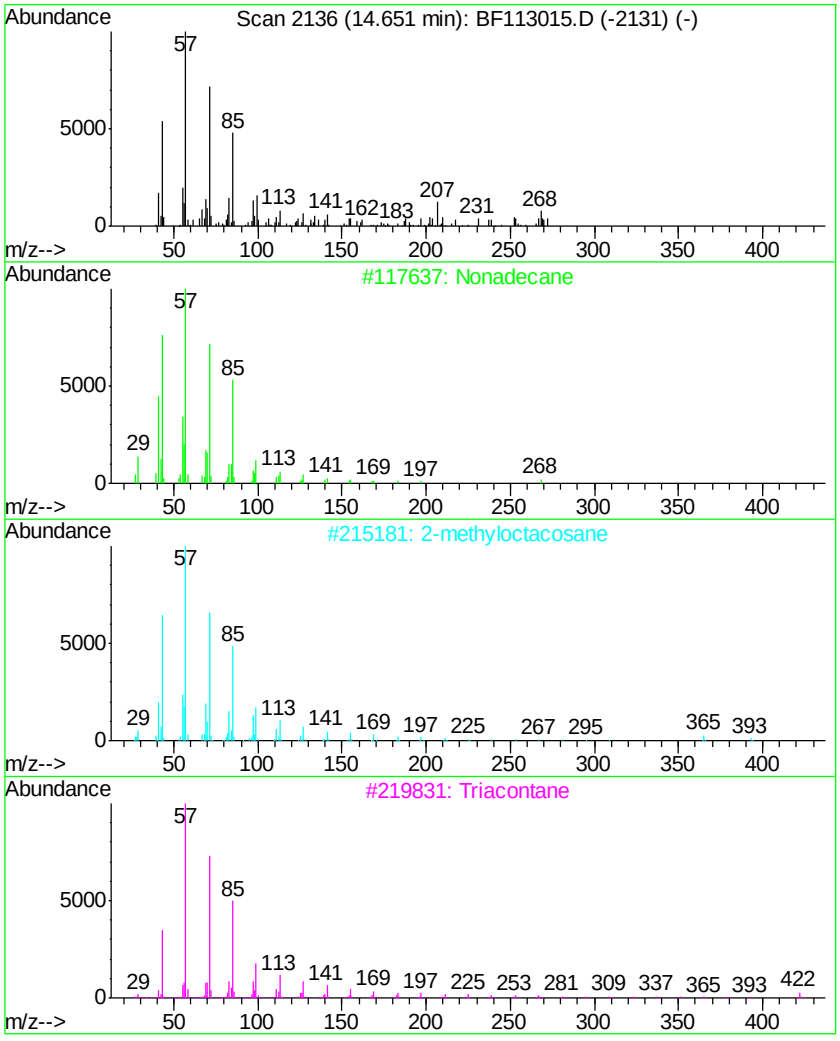
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

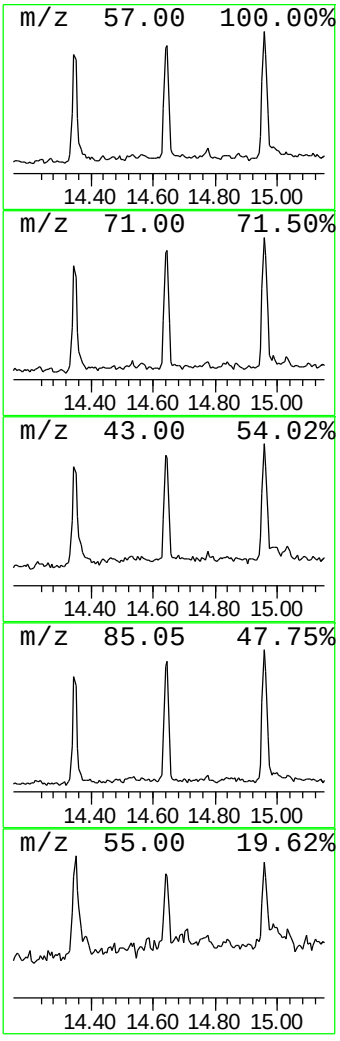
****

Peak Number 7 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.44 ng	142694	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	86
3	Triacontane	422	C30H62	000638-68-6	86
4	Pentadecane	212	C15H32	000629-62-9	80
5	Octadecane	254	C18H38	000593-45-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113015.D
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Operator : JU/SJ
Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

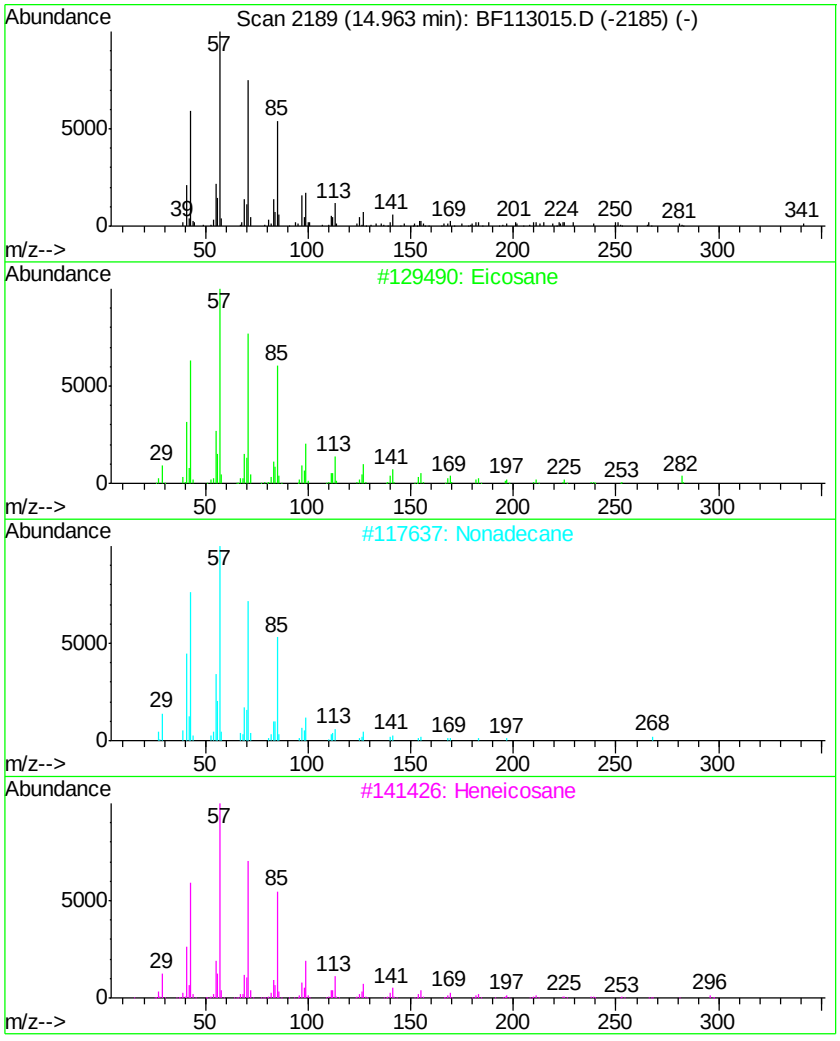
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

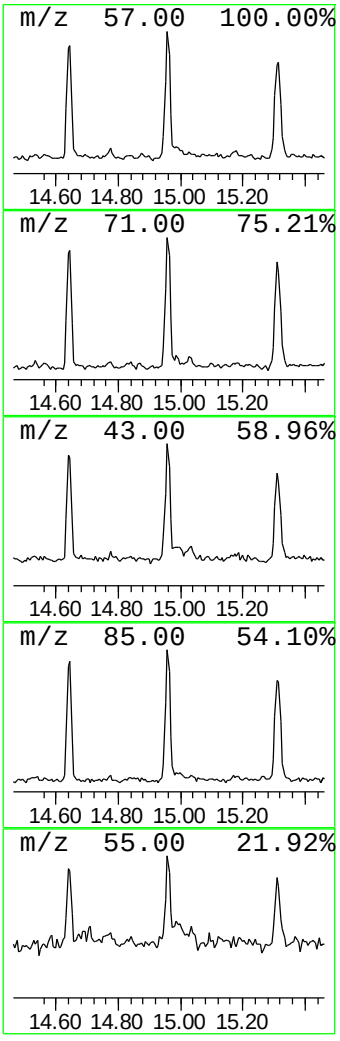
****

Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.68 ng	156481	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Heptadecane	240	C17H36	000629-78-7	87





Library Search Compound Report

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Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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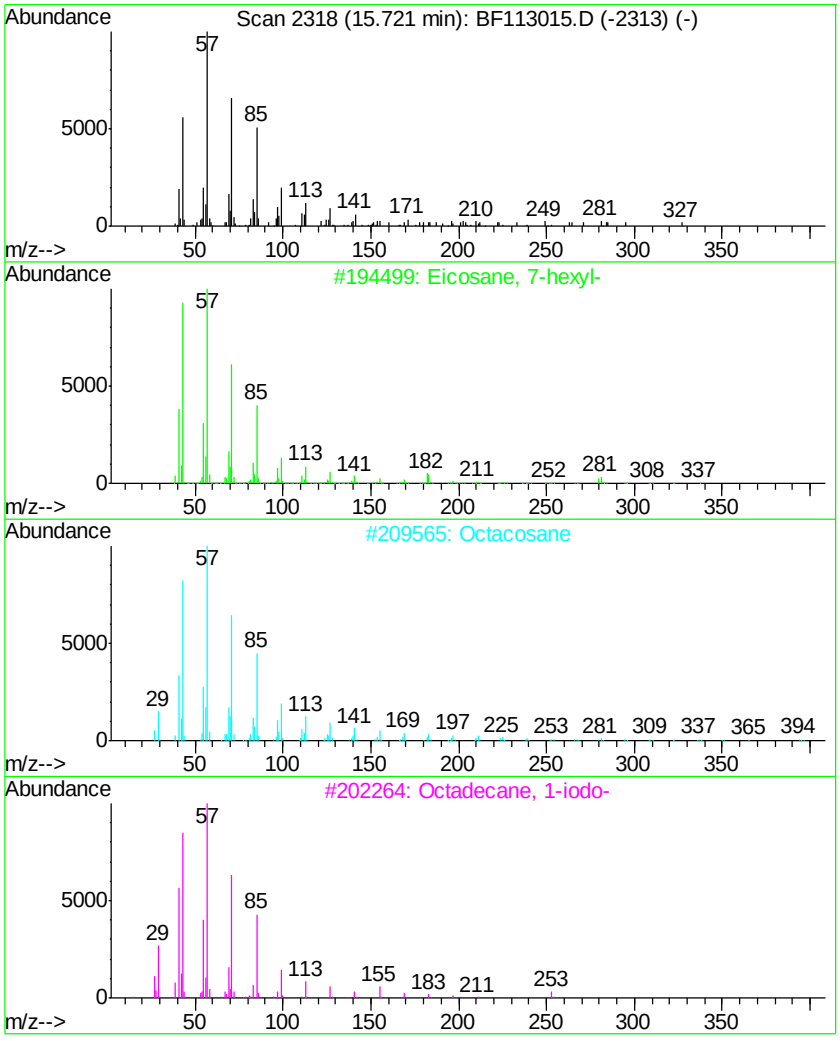
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

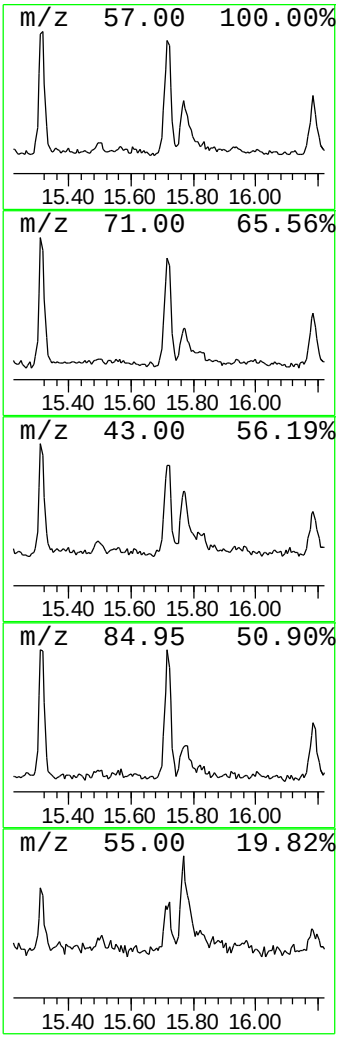
****

Peak Number 9 Eicosane, 7-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.50 ng	146204	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5	Heneicosane	296	C21H44	000629-94-7	86





Library Search Compound Report

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Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

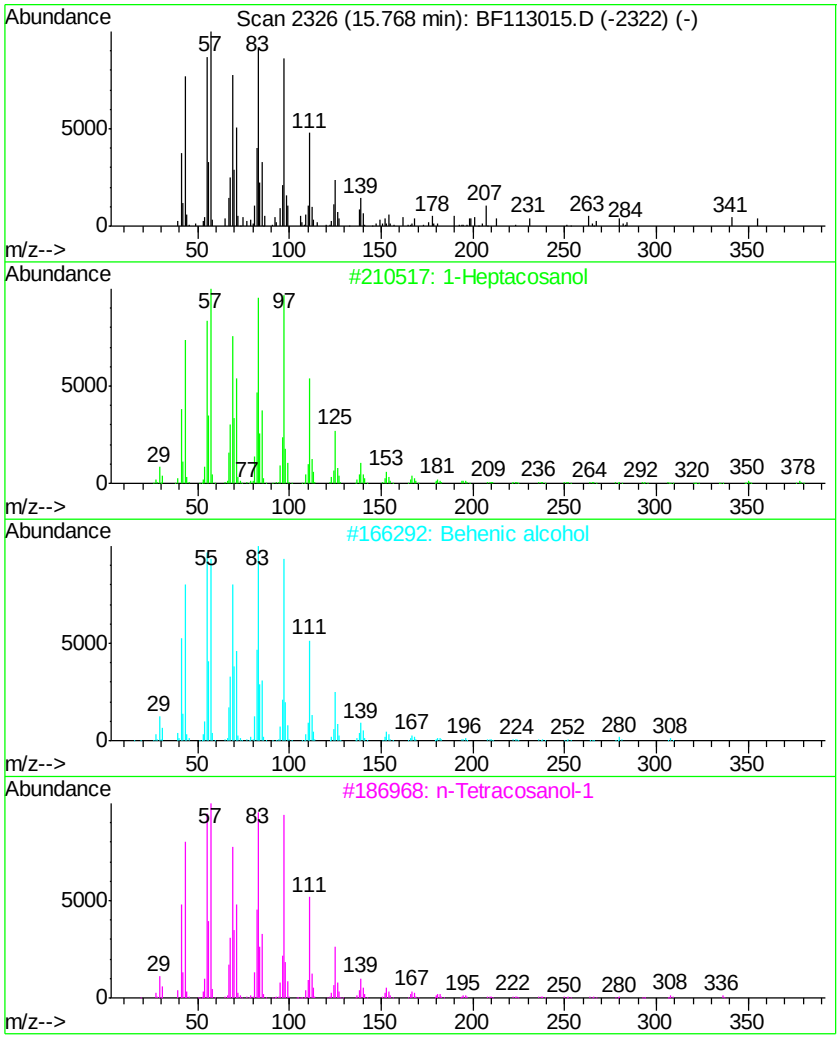
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

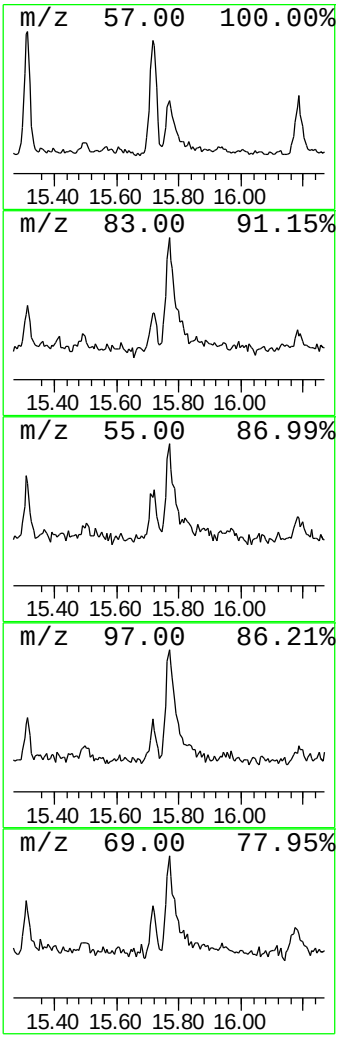
****

Peak Number 10 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.88 ng	168117	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	Octacosyl acetate	452	C30H60O2	018206-97-8	93
5	Octacosanol	410	C28H58O	000557-61-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113015.D
Acq On : 12 Mar 2019 21:01
Operator : JU/SJ
Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	81.9	ng	4716120	1	6.73	1152040	20.0
n-Hexadecanoic acid	11.78	9.1	ng	653724	4	11.24	1436420	20.0
Octadecanoic acid	12.56	2.7	ng	192516	5	13.86	1446680	20.0
5-Eicosene, (E)-	13.72	10.1	ng	729246	5	13.86	1446680	20.0
Heptadecane	14.35	2.9	ng	206399	5	13.86	1446680	20.0
Nonadecane	14.65	2.4	ng	142694	6	15.27	1169220	20.0
Eicosane	14.96	2.7	ng	156481	6	15.27	1169220	20.0
Eicosane, 7-hexyl-	15.72	2.5	ng	146204	6	15.27	1169220	20.0
1-Heptacosanol	15.77	2.9	ng	168117	6	15.27	1169220	20.0