LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0442-PR-5(PASSAIC)

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-BF052919.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	5.299	541	546	549	rBV	5520130	5701484	93.07%	7.996%
2	6.328	716	721	724	rBV	5654068	5733123	93.58%	8.040%
3	6.357	724	726	729	rVB	208491	161219	2.63%	0.226%
4	6.463	739	744	747	rBV	6747898	6126129	100.00%	8.591%
5	6.693	780	783	787	rBV	2524788	2062625	33.67%	2.893%
6	6.851	804	810	813	rBV	5716503	4736876	77.32%	6.643%
7	7.251	870	878	881	rBV	4195313	3705016	60.48%	5.196%
8	7.357	891	896	900	rVB5	51566	91557	1.49%	0.128%
9	7.487	912	918	920	rBV	112901	122045	1.99%	0.171%
10	7.622	935	941	946	rVB6	42919	80116	1.31%	0.112%
11	7.975	997	1001	1004	rBV	2987029	2554198	41.69%	3.582%
12	8.416	1073	1076	1085	rVB2	137302	187314	3.06%	0.263%
13	9.010	1174	1177	1179	rVB	106816	73072	1.19%	0.102%
14	9.045	1179	1183	1187	rBV	6194515	5662061	92.42%	7.941%
15	9.381	1234	1240	1243	rBV4	47895	86187	1.41%	0.121%
16	9.439	1246	1250	1253	rVV	1051389	845973	13.81%	1.186%
17	9.463	1253	1254	1257	rVB	140142	81948	1.34%	0.115%
18	9.716	1293	1297	1302	rBV	2646175	2621816	42.80%	3.677%
19	9.928	1329	1333	1336	rVB2	70649	79696	1.30%	0.112%
20	9.992	1341	1344	1348	rBV	89725	101610	1.66%	0.142%
21	10.386	1407	1411	1418	rBV3	107560	178388	2.91%	0.250%
22	10.498	1426	1430	1435	rBV	3923070	3530781	57.63%	4.952%
23	10.651	1454	1456	1461	rVB2	182083	172430	2.81%	0.242%
24	10.692	1461	1463	1467	rBV3	71088	90071	1.47%	0.126%
25	10.869	1490	1493	1498	rBV3	98902	124541	2.03%	0.175%
26	11.116	1532	1535	1539	rVB	122477	118367	1.93%	0.166%
27	11.192	1544	1548	1551	rVV	3006291	2500886	40.82%	3.507%
28	11.216	1551	1552	1555	rVV2	200200	122415	2.00%	0.172%
29	11.263	1558	1560	1563	rVB	130103	113033	1.85%	0.159%
30	11.692	1631	1633	1635	rBV	99358	73970	1.21%	0.104%
31	11.739	1637	1641	1649	rVV	1943653	2070179	33.79%	2.903%
32	11.804	1649	1652	1654	rVV	182885	169170	2.76%	0.237%
33	12.245	1724	1727	1729	rBV	90250	92873	1.52%	0.130%
34	12.392	1750	1752	1756	rBV	537247	517440	8.45%	0.726%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0442-PR-5(PASSAIC)

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-BF052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.445	1758	1761	1766	rVV3	194457	268714	4.39%	0.377%
36	12.527	1770	1775	1787	rBV	3465898	4232340	69.09%	5.935%
37	12.622	1787	1791	1793	rVB	606267	570857	9.32%	0.801%
38	12.775	1813	1817	1820	rBV	6215007	5412521	88.35%	7.591%
39	13.016	1856	1858	1862	rVB	118058	98843	1.61%	0.139%
40	13.051	1862	1864	1872	rVB4	85195	134083	2.19%	0.188%
41	13.680	1968	1971	1977	rBV	781864	825030	13.47%	1.157%
42	13.816	1989	1994	2000	rBV2	4307786	4615127	75.34%	6.472%
43	14.316	2076	2079	2081	rBV	305756	338826	5.53%	0.475%
44	14.604	2126	2128	2133	rBV	378092	432553	7.06%	0.607%
45	14.916	2178	2181	2187	rVB2	494407	566347	9.24%	0.794%
46	15.204	2226	2230	2234	rVB	2109810	2420544	39.51%	3.395%
47	15.268	2238	2241	2244	rVB	383952	429786	7.02%	0.603%
48	15.663	2306	2308	2312	rBV	229199	271439	4.43%	0.381%

Sum of corrected areas: 71305619

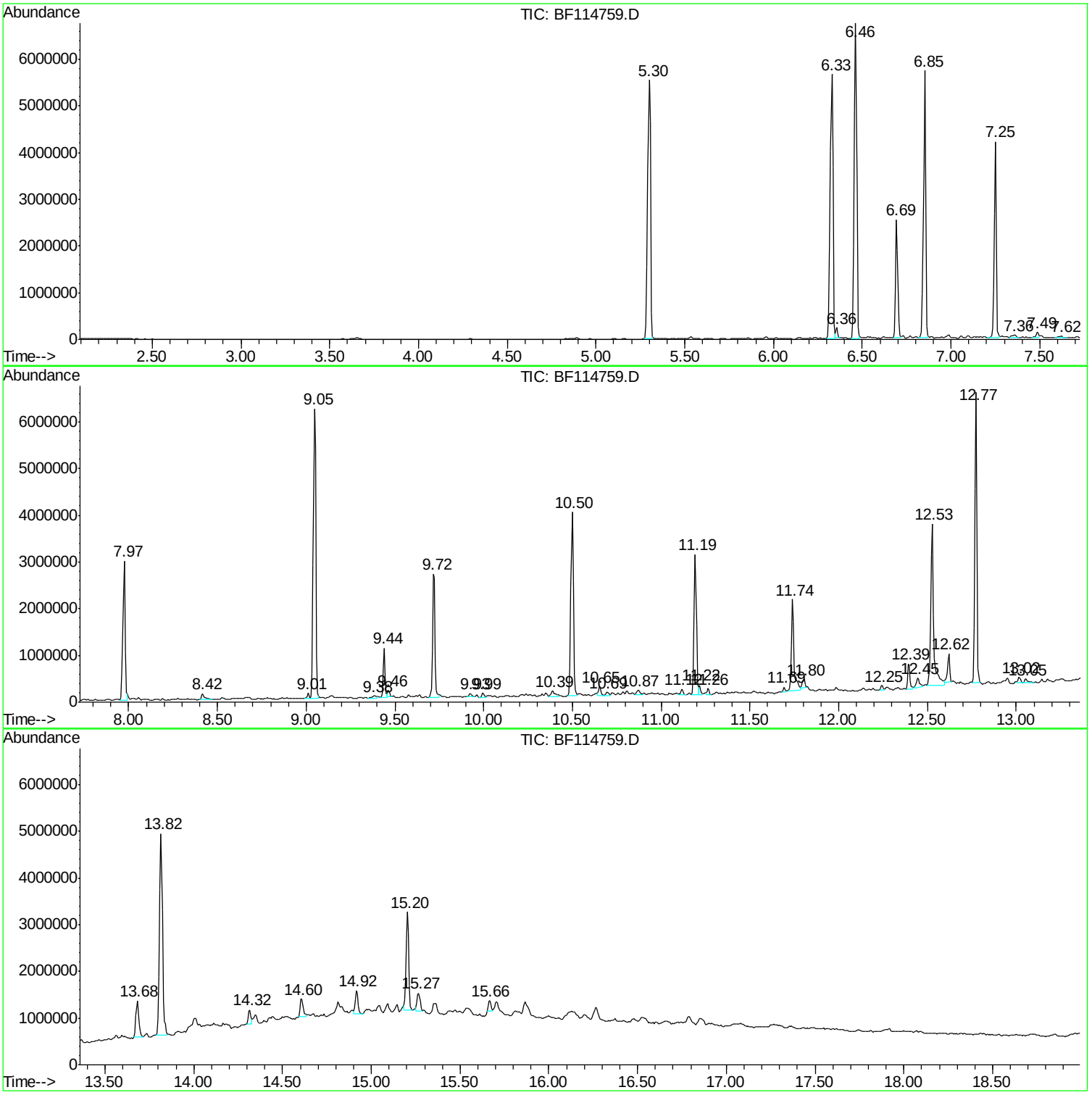
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0442-PR-5(PASSAIC)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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\BF060119\
Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0442-PR-5(PASSAIC)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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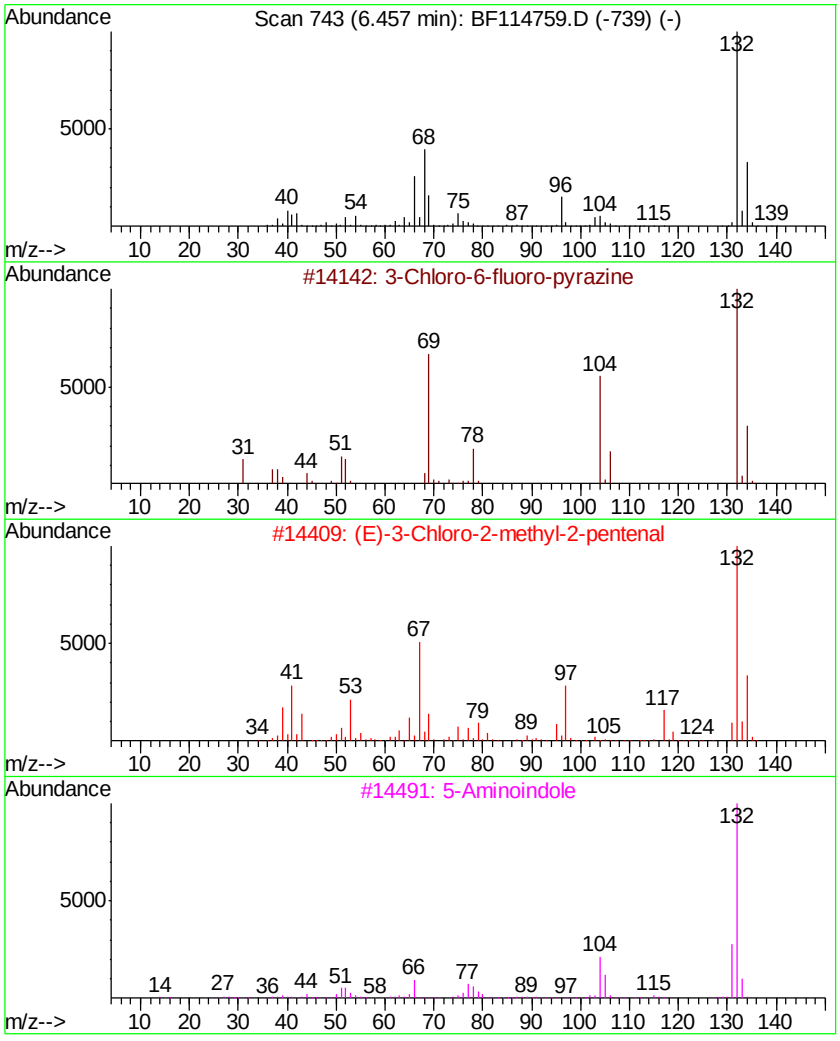
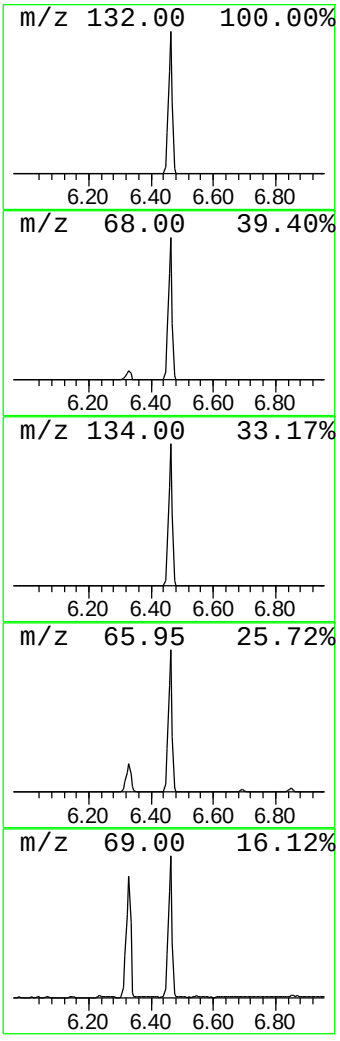
Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	59.40 ng	6126130	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0442-PR-5(PASSAIC)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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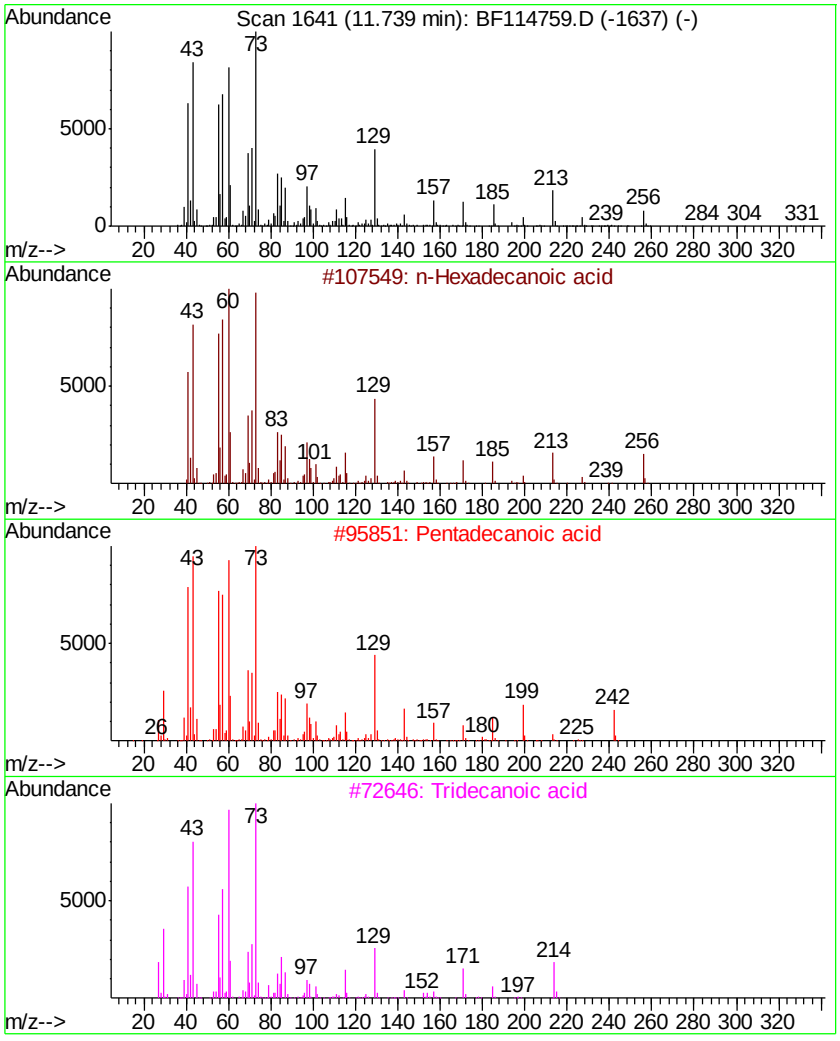
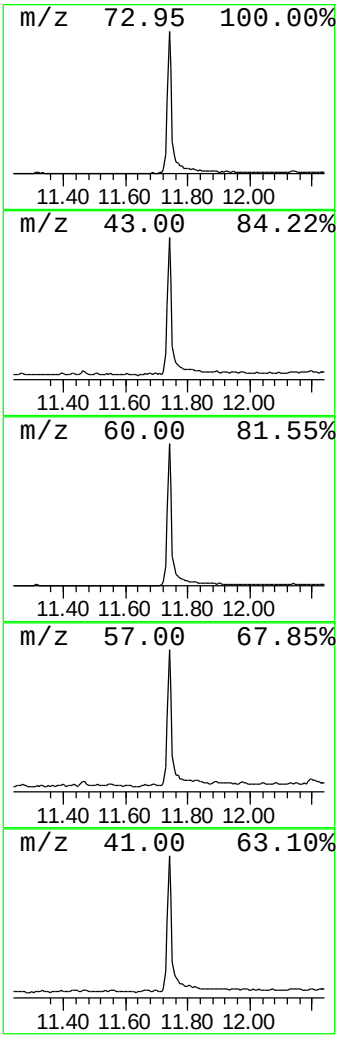
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	16.56 ng	2070180	Phenanthrene-d10	11.19

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0442-PR-5(PASSAIC)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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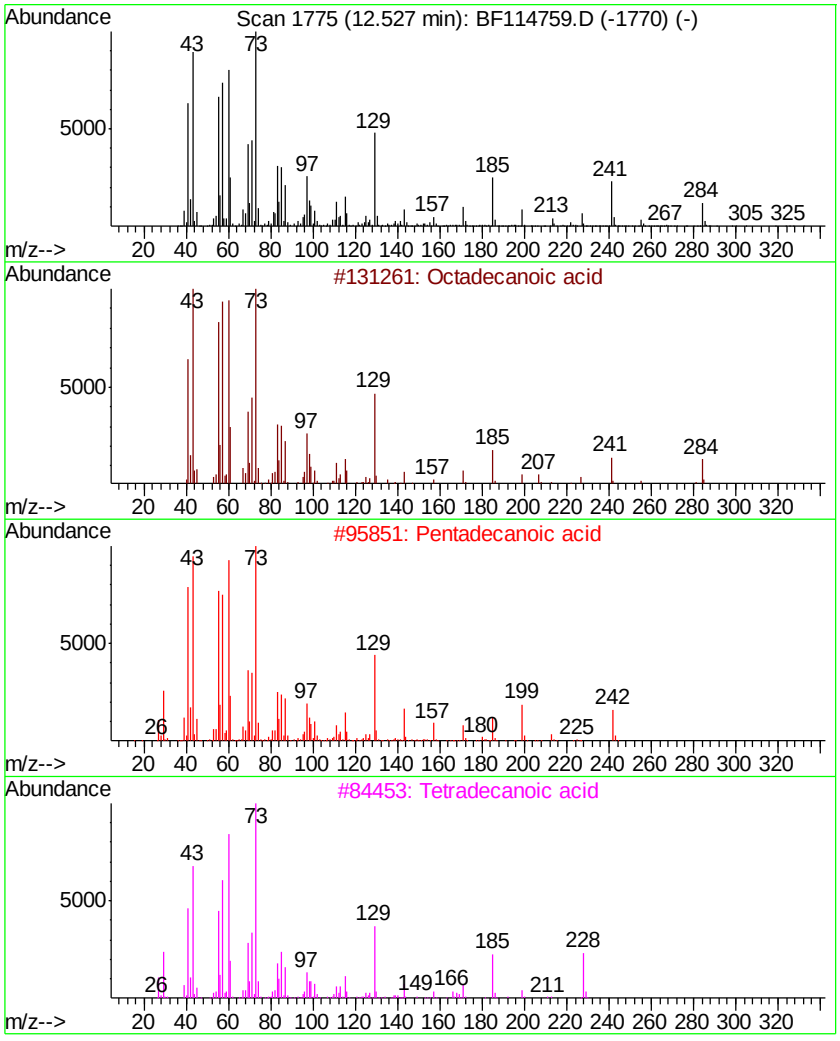
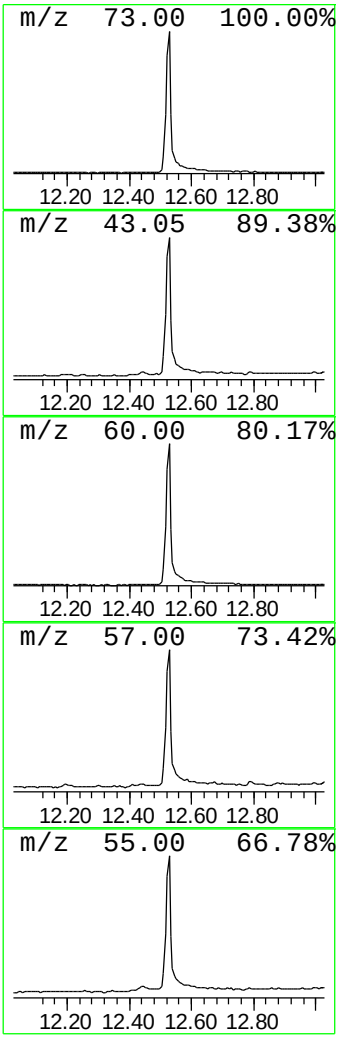
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	18.34 ng	4232340	Chrysene-d12	13.82

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0442-PR-5(PASSAIC)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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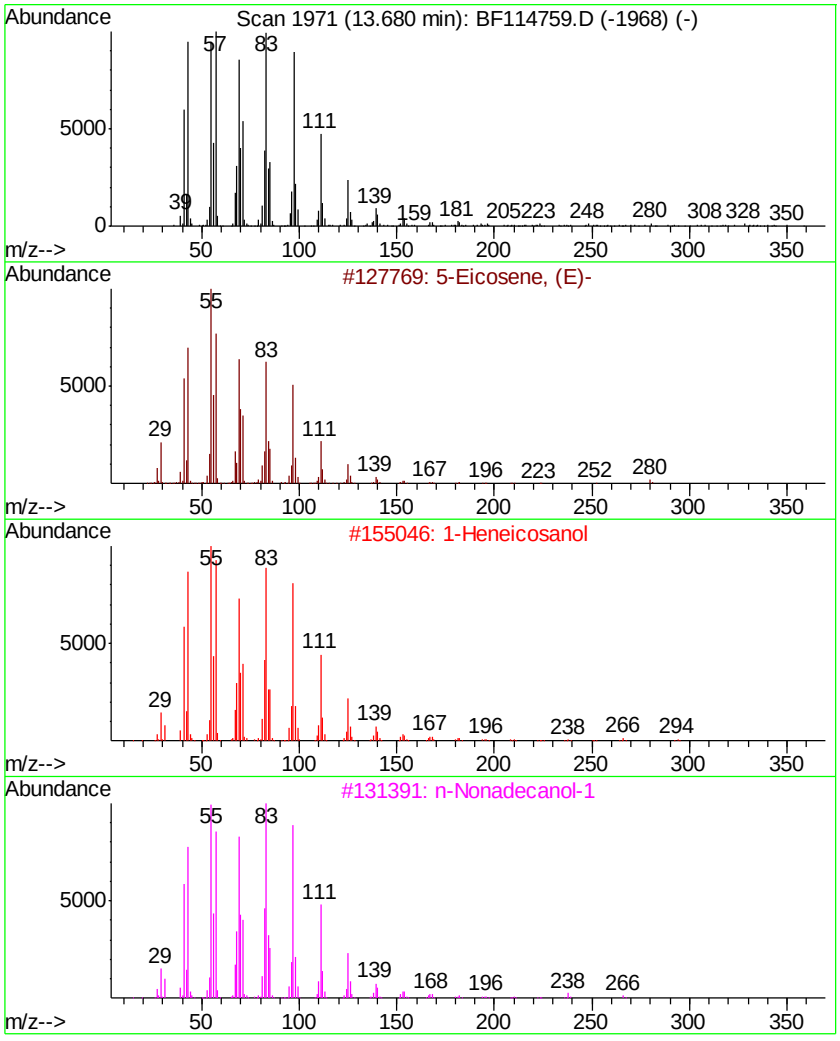
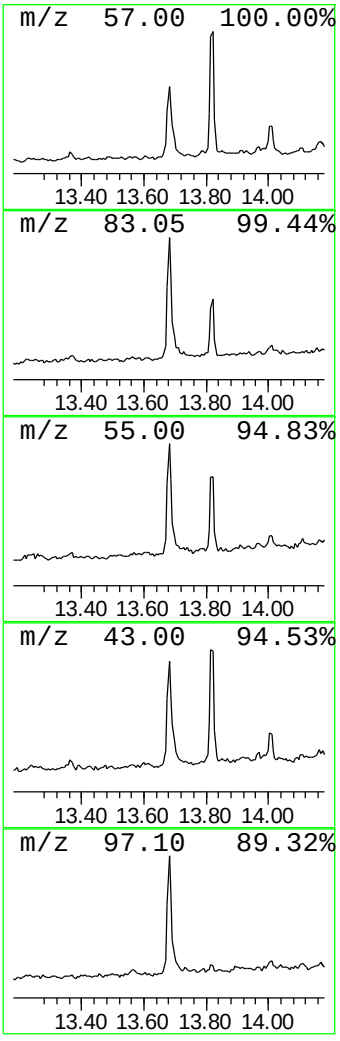
Peak Number 5 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	3.58 ng	825030	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0442-PR-5(PASSAIC)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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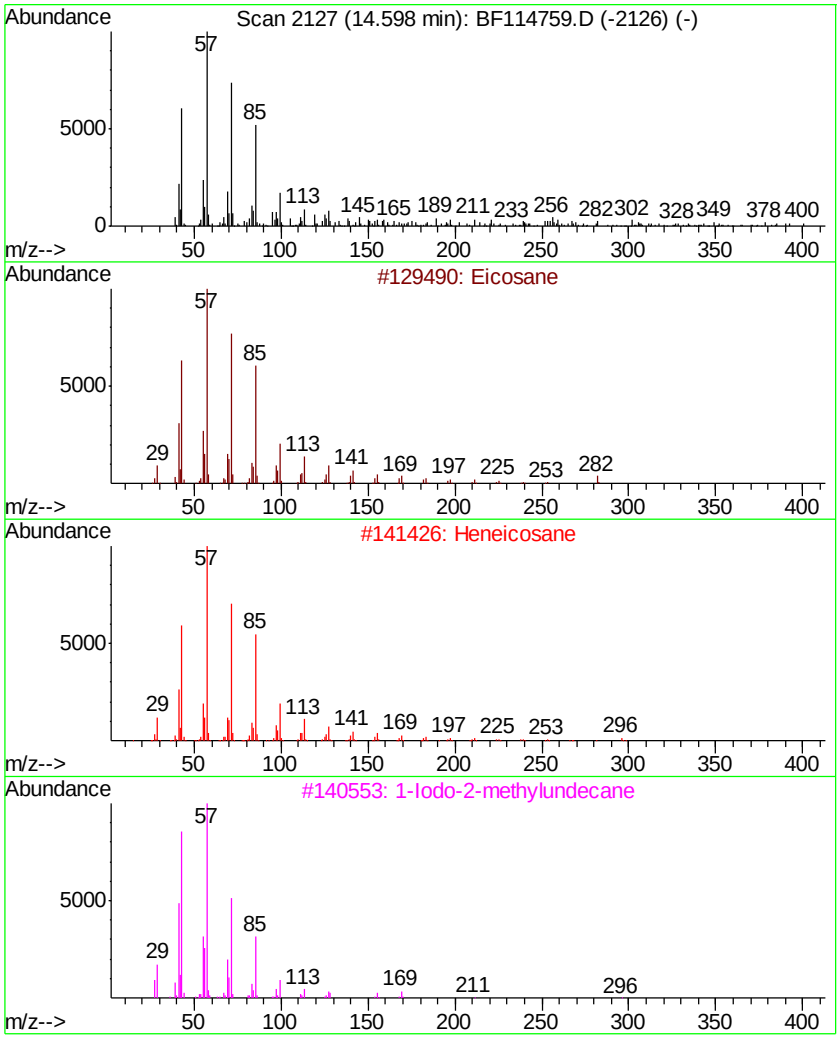
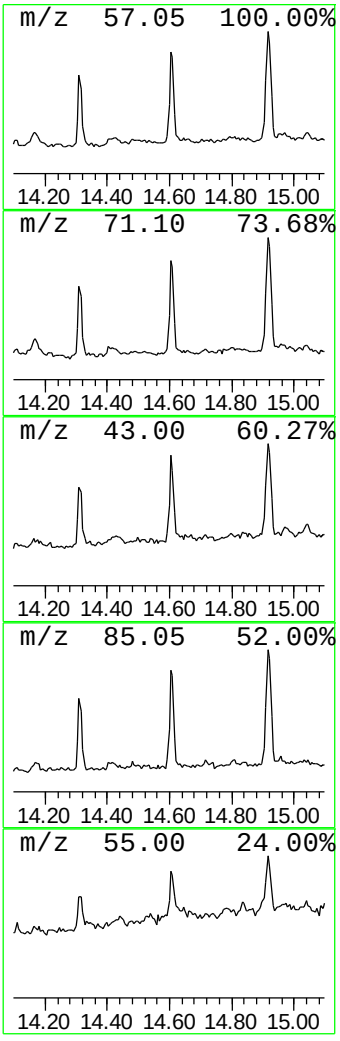
Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.57 ng	432553	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5	Docosane	310	C22H46	000629-97-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0442-PR-5(PASSAIC)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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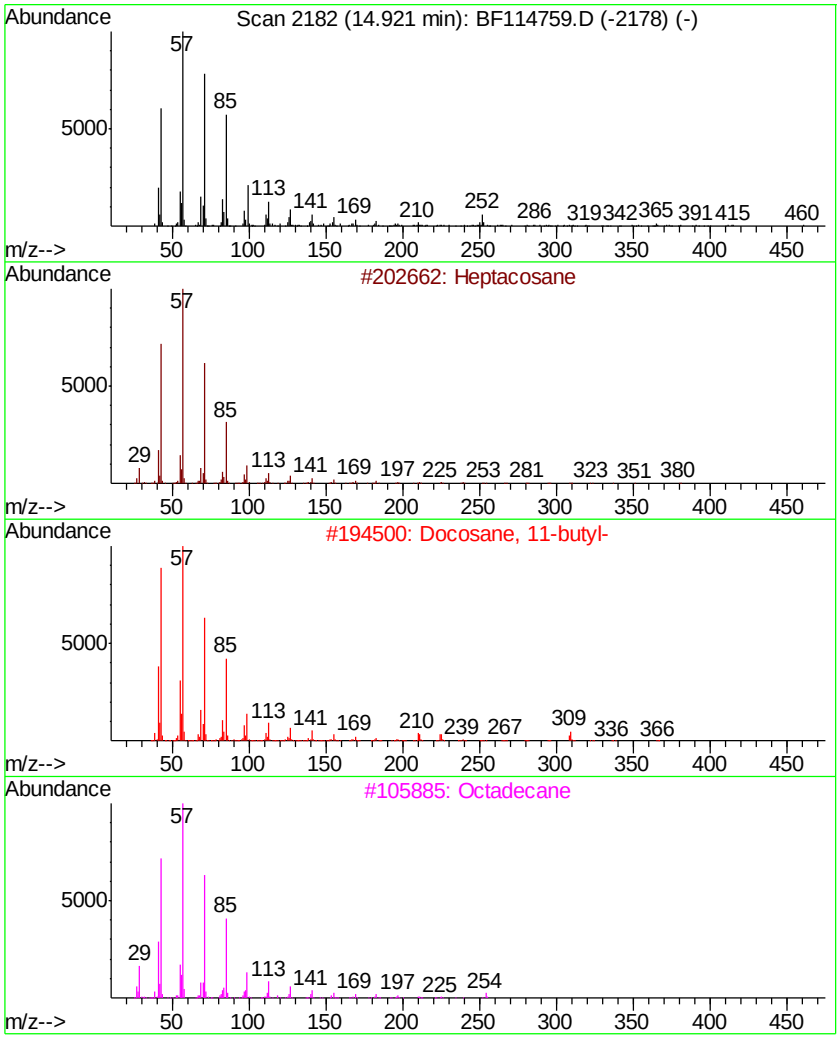
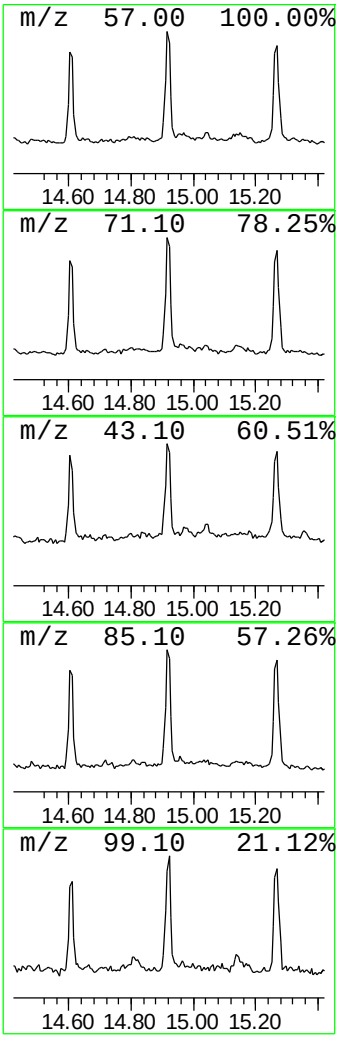
Peak Number 7 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.68 ng	566347	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heptadecane	240	C17H36	000629-78-7	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Library Search Compound Report

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Acq On : 1 Jun 2019 16:12
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Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0442-PR-5(PASSAIC)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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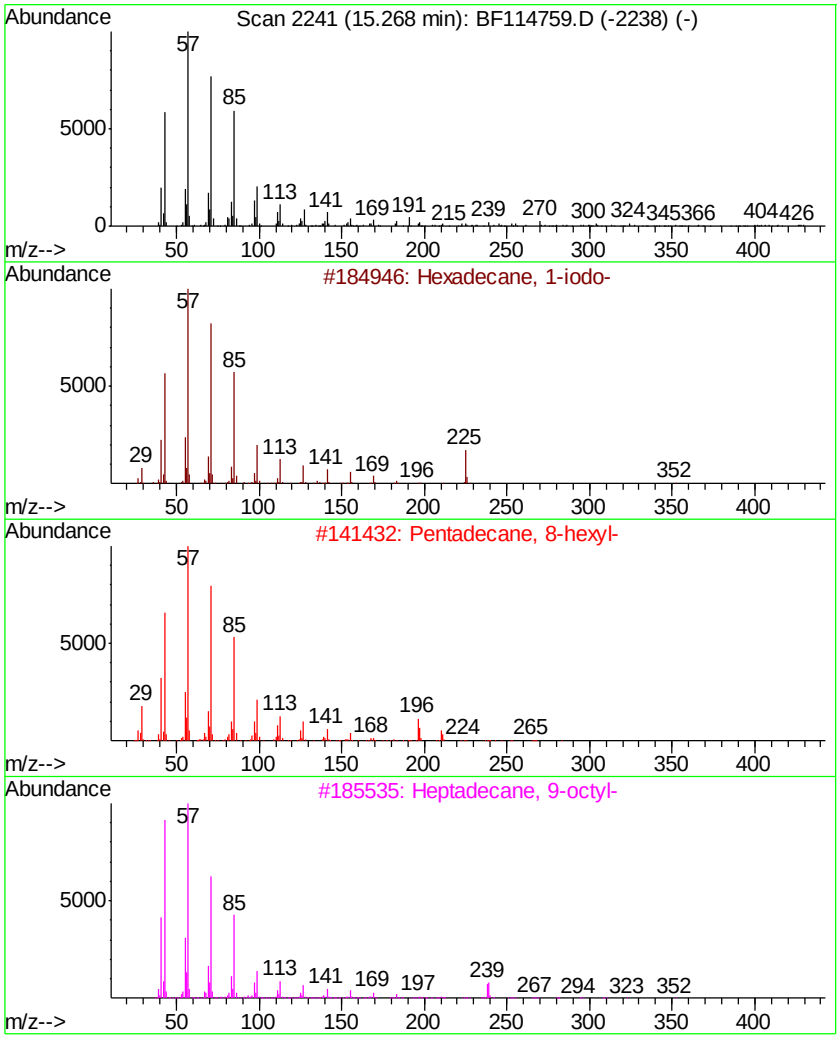
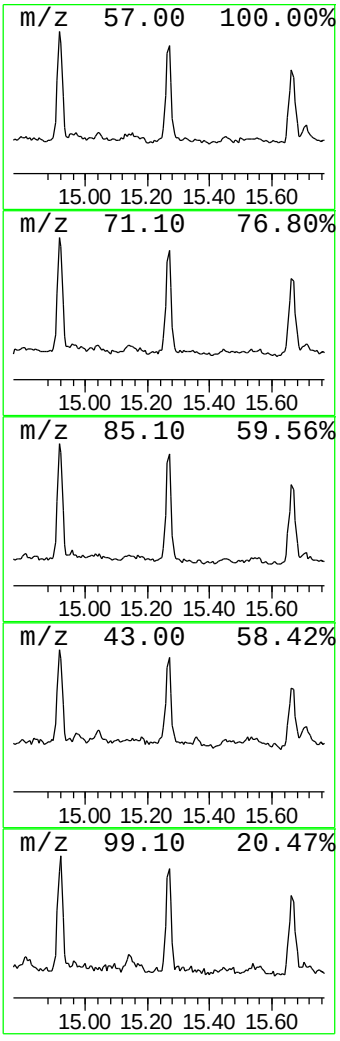
Peak Number 8 Hexadecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	3.55 ng	429786	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0442-PR-5(PASSAIC)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

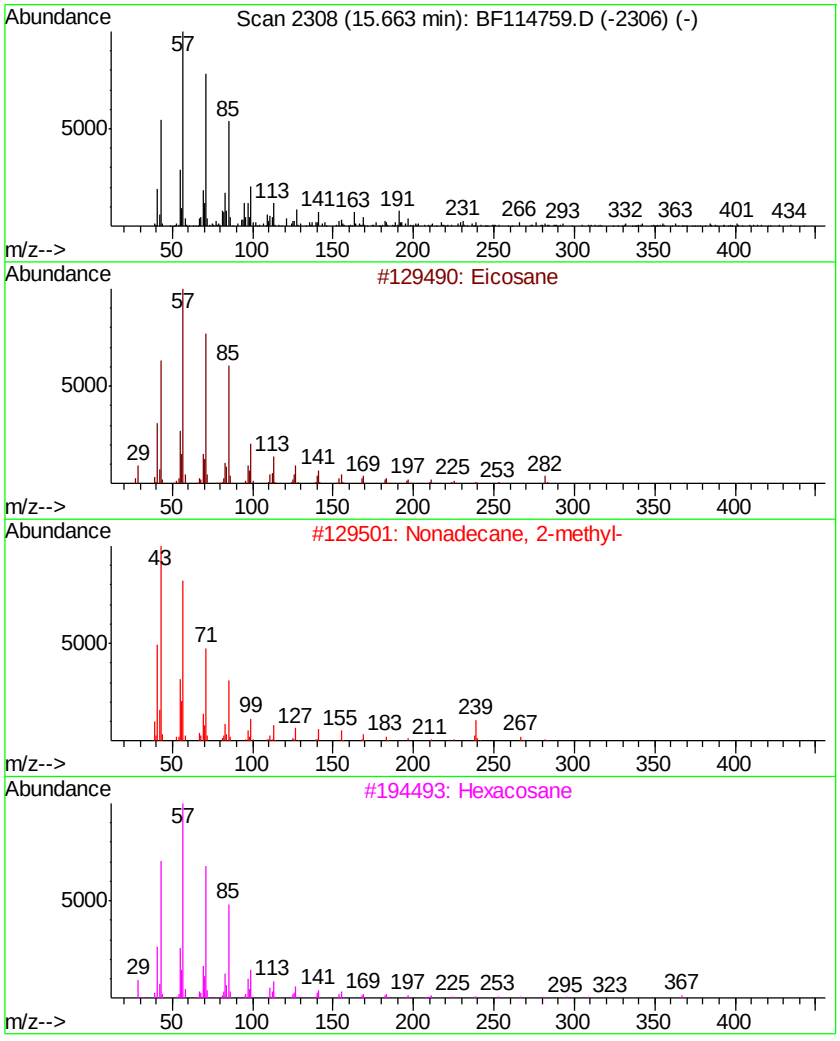
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

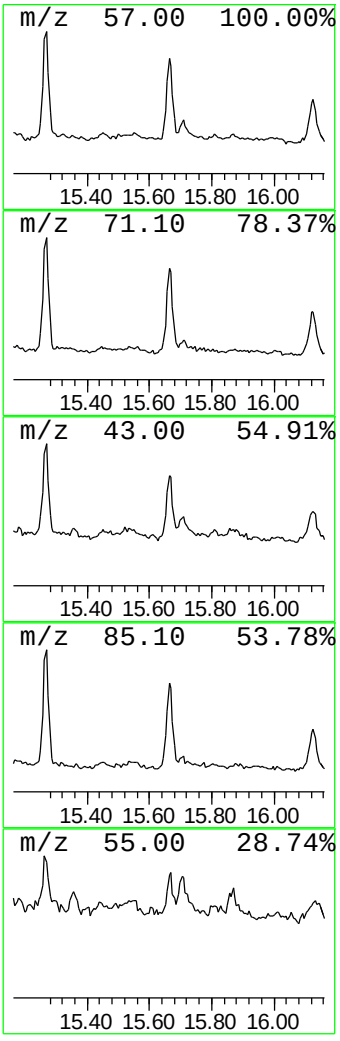
****

Peak Number 9 Nonadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.24 ng	271439	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	93
3	Hexacosane	366	C26H54	000630-01-3	90
4	Docosane	310	C22H46	000629-97-0	87
5	Heptacosane	380	C27H56	000593-49-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0442-PR-5(PASSAIC)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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
unknown6.46	6.46	59.4	ng	6126130	1	6.69	2062630	20.0
n-Hexadecanoic acid	11.74	16.6	ng	2070180	4	11.19	2500890	20.0
Octadecanoic acid	12.53	18.3	ng	4232340	5	13.82	4615130	20.0
5-Eicosene, (E)-	13.68	3.6	ng	825030	5	13.82	4615130	20.0
Eicosane	14.60	3.6	ng	432553	6	15.20	2420540	20.0
Heptacosane	14.92	4.7	ng	566347	6	15.20	2420540	20.0
Hexadecane, 1-iodo-	15.27	3.5	ng	429786	6	15.20	2420540	20.0
Nonadecane, 2-met...	15.66	2.2	ng	271439	6	15.20	2420540	20.0