LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070918-DBRI-E-U-B

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-BF061918.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	5.154	476	479	487	rBV	21845	25164	1.47%	0.205%
2	5.572	547	550	567	rBV	528346	536080	31.34%	4.377%
3	6.578	718	721	736	rBV	399834	420321	24.58%	3.432%
4	6.707	739	743	749	rVV	1031532	919033	53.73%	7.505%
5	6.754	749	751	761	rVB	29565	31085	1.82%	0.254%
6	6.931	777	781	787	rBV	400770	322968	18.88%	2.637%
7	7.090	803	808	811	rBV	1210390	1140471	66.68%	9.313%
8	7.501	873	878	881	rBV	1004811	995405	58.20%	8.128%
9	8.213	996	999	1012	rBV	437815	406157	23.75%	3.317%
10	9.295	1178	1183	1186	rBV	1715833	1710329	100.00%	13.966%
11	9.395	1196	1200	1209	rVB	175277	156813	9.17%	1.280%
12	9.684	1246	1249	1260	rBB	210282	170153	9.95%	1.389%
13	9.978	1296	1299	1308	rVB2	495899	447199	26.15%	3.652%
14	10.636	1408	1411	1415	rBV	154873	120713	7.06%	0.986%
15	10.778	1431	1435	1446	rBV	787058	744125	43.51%	6.076%
16	11.478	1550	1554	1561	rBV	512001	437149	25.56%	3.570%
17	12.536	1730	1734	1742	rVB2	22544	23755	1.39%	0.194%
18	12.907	1794	1797	1799	rBV	45101	35057	2.05%	0.286%
19	12.930	1799	1801	1805	rVB	43865	36642	2.14%	0.299%
20	13.066	1819	1824	1827	rBV	1715571	1673281	97.83%	13.664%
21	13.266	1854	1858	1861	rBV	65176	54067	3.16%	0.441%
22	13.513	1897	1900	1906	rVB3	29549	29183	1.71%	0.238%
23	13.607	1912	1916	1919	rBV2	105038	92650	5.42%	0.757%
24	13.936	1969	1972	1978	rBV	121932	112724	6.59%	0.920%
25	14.136	2002	2006	2010	rBV	446512	387667	22.67%	3.166%
26	14.254	2022	2026	2029	rBV	149262	125143	7.32%	1.022%
27	14.560	2074	2078	2082	rBV	154297	137526	8.04%	1.123%
28	14.877	2128	2132	2136	rBV	138562	141532	8.28%	1.156%
29	15.224	2187	2191	2199	rVB	114064	139638	8.16%	1.140%
30	15.624	2255	2259	2263	rBV	100328	122667	7.17%	1.002%
31	15.671	2263	2267	2274	rVB2	258797	347674	20.33%	2.839%
32	16.077	2332	2336	2342	rVB	66052	102677	6.00%	0.838%
33	16.613	2422	2427	2440	rVB5	43887	101224	5.92%	0.827%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
070918-DBRI-E-U-B

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 12246272

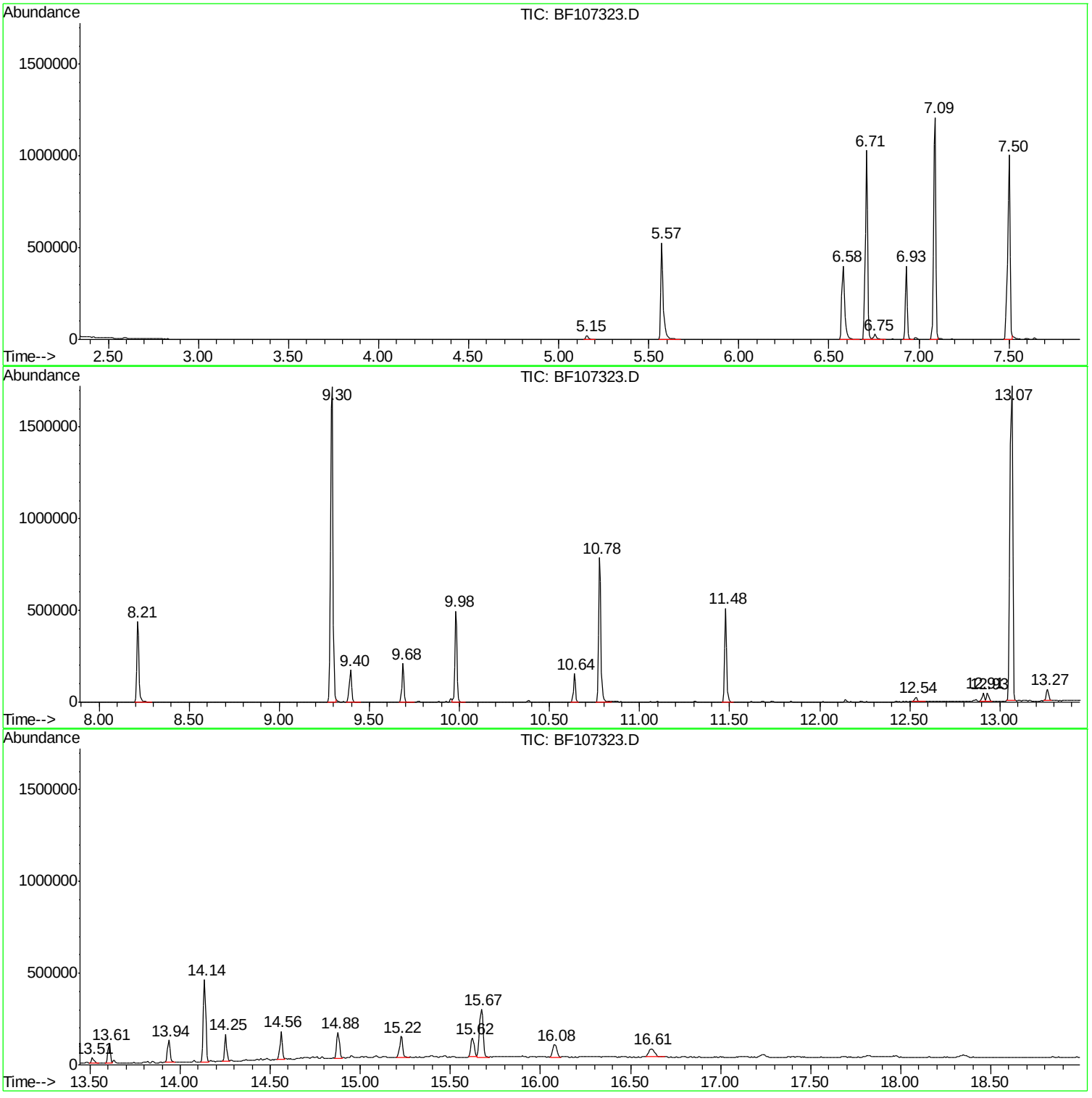
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

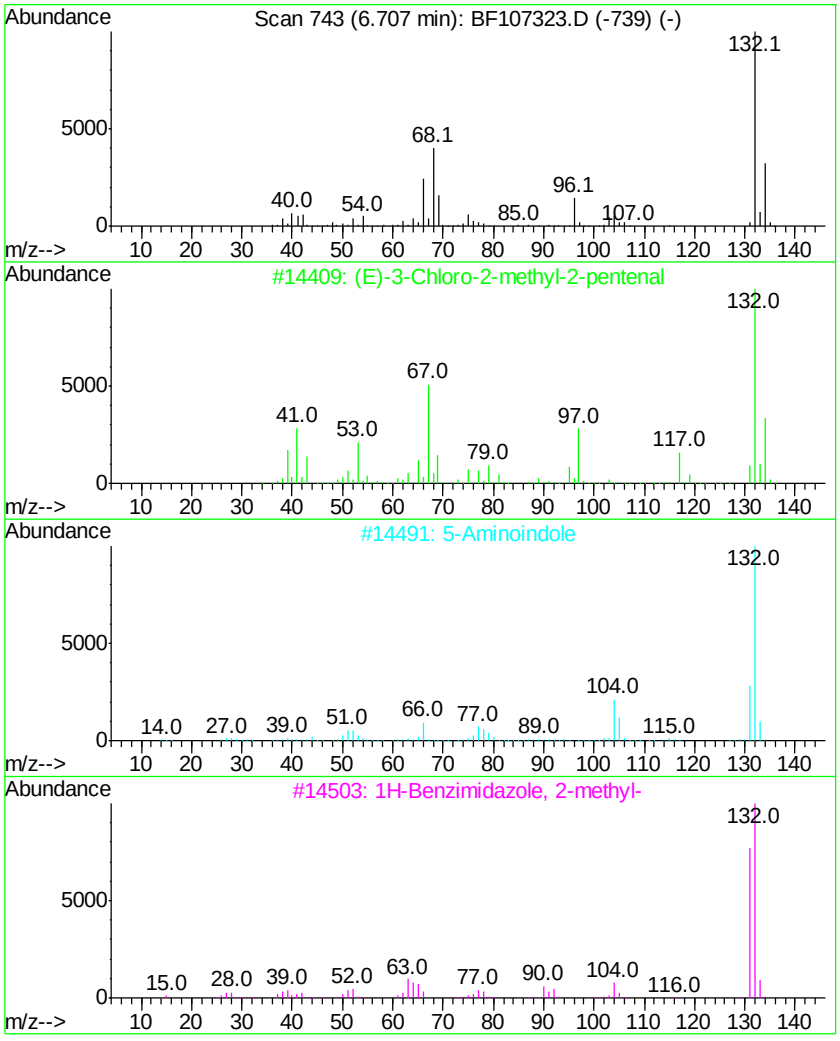
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

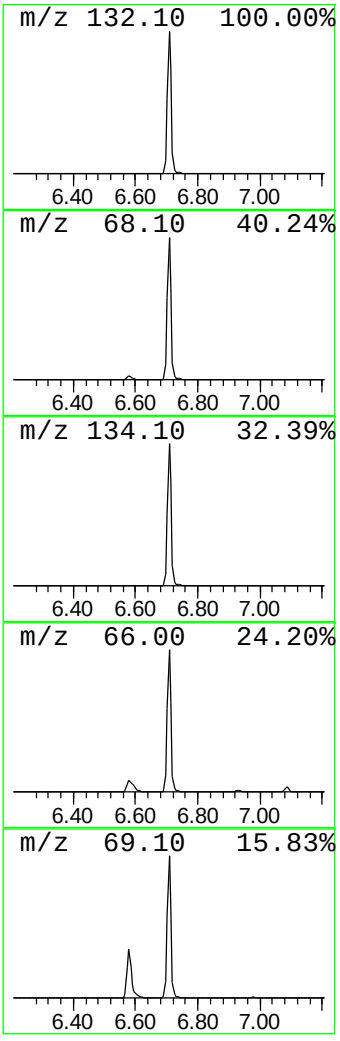
****

Peak Number 1 unknown6.71 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	56.91 ng	919033	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

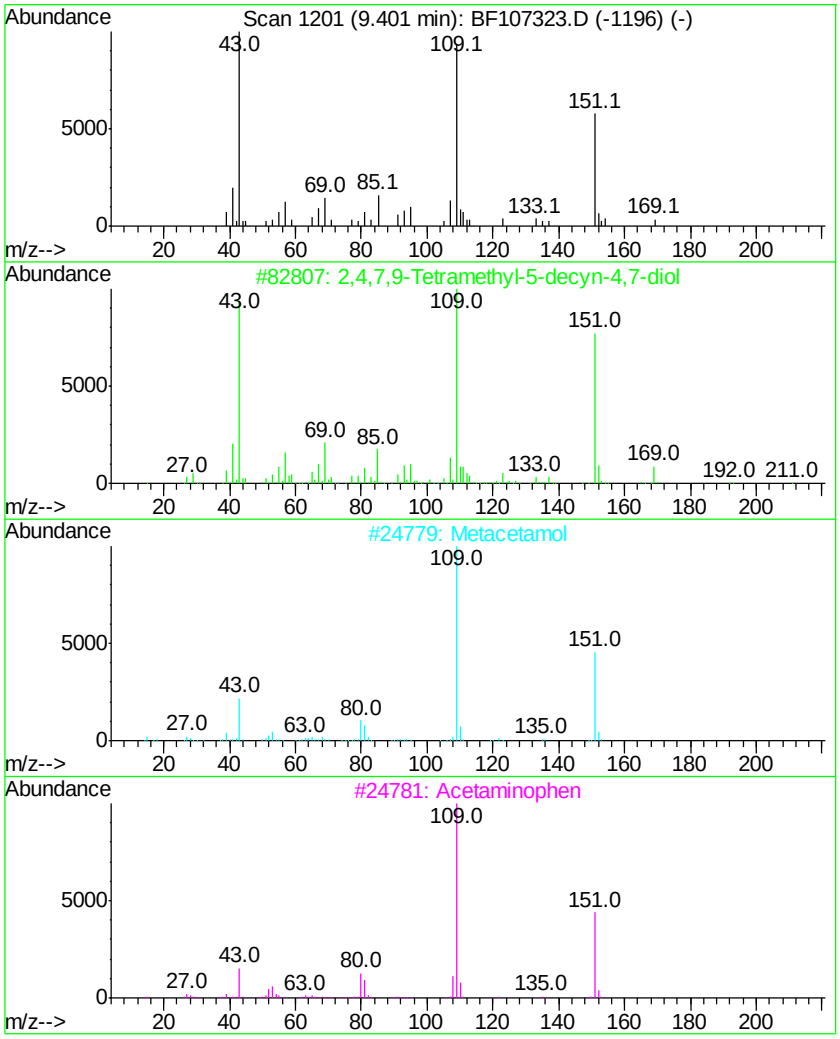
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

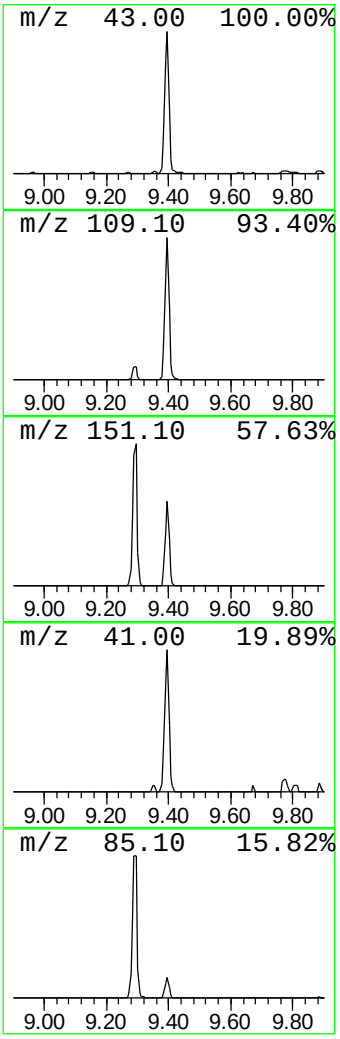
****

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	7.01 ng	156813	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	62
2	Metacetamol	151	C8H9NO2	000621-42-1	59
3	Acetaminophen	151	C8H9NO2	000103-90-2	59
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	45
5	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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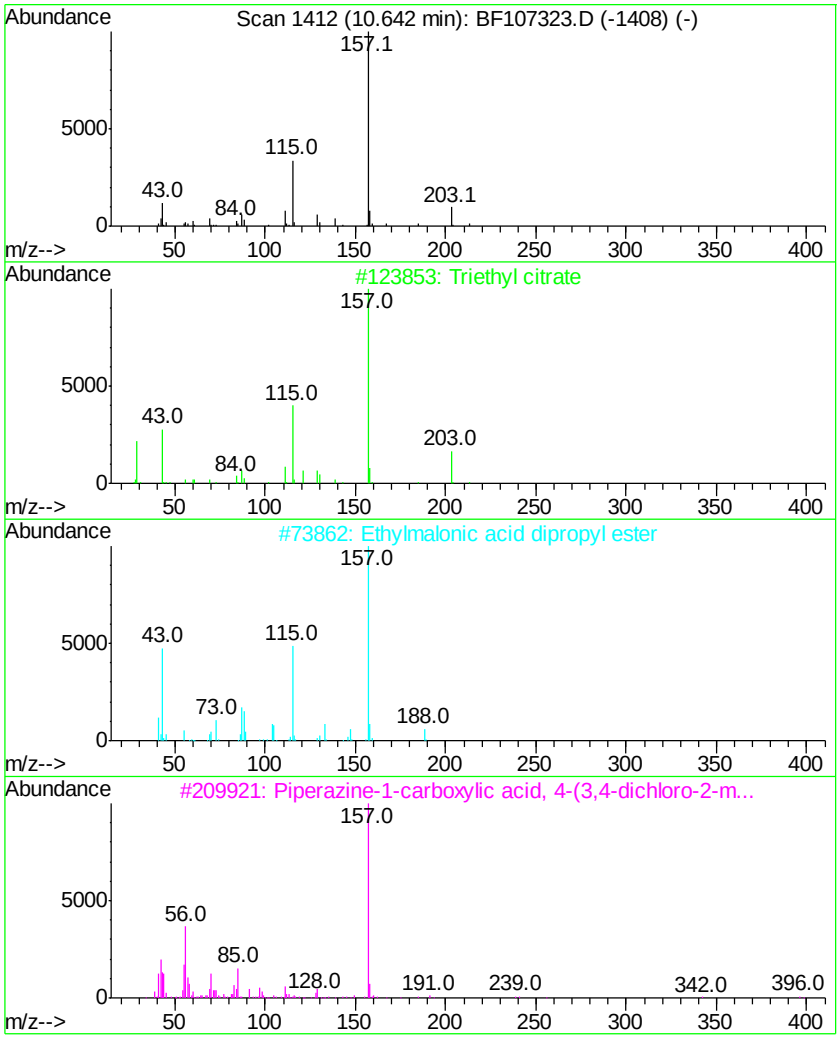
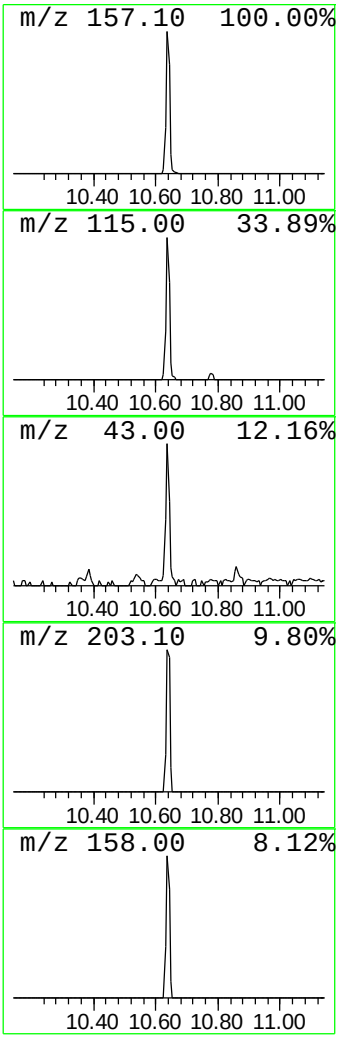
Peak Number 4 Triethyl citrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	5.40 ng	120713	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	78
2	Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	64
3	Piperazine-1-carboxylic acid, 4-...	396	C14H18Cl2N2O5S	1000303-80-3	36
4	Piperazine-1-carboxylic acid, 4-...	362	C14H19ClN2O5S	1000303-80-2	36
5	3-Chloro2-fluorobenzoic acid, 3-...	370	C21H32ClFO2	1000338-64-6	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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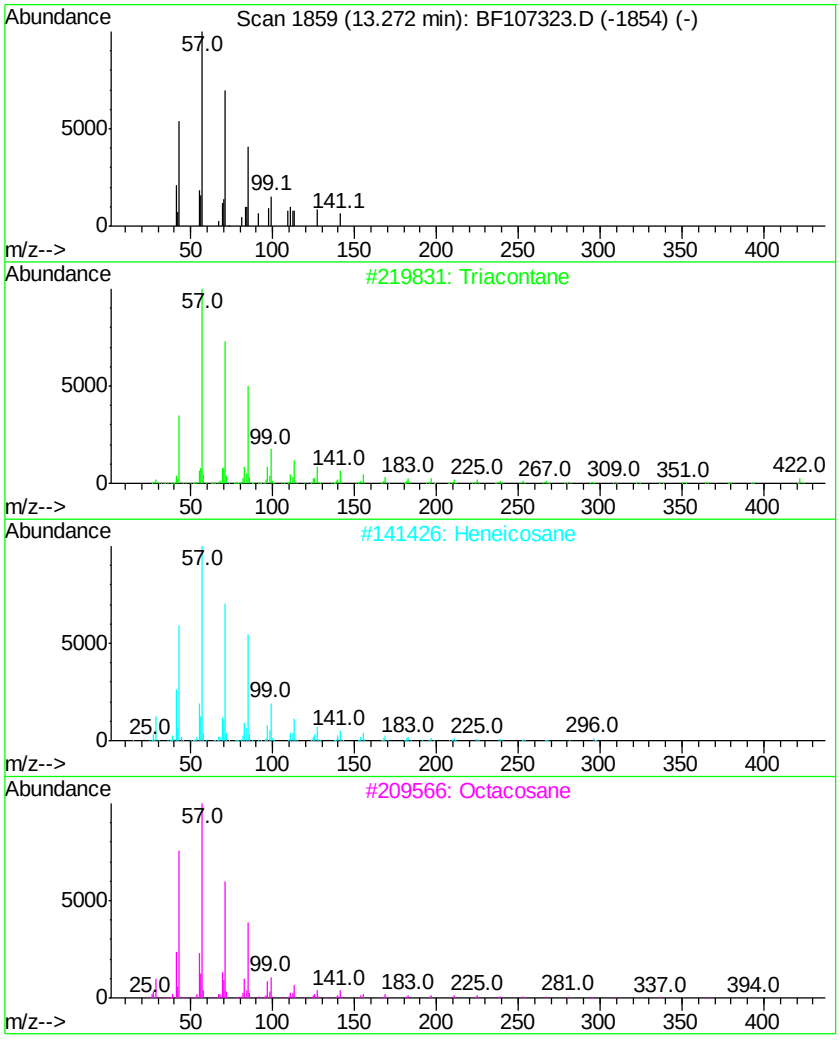
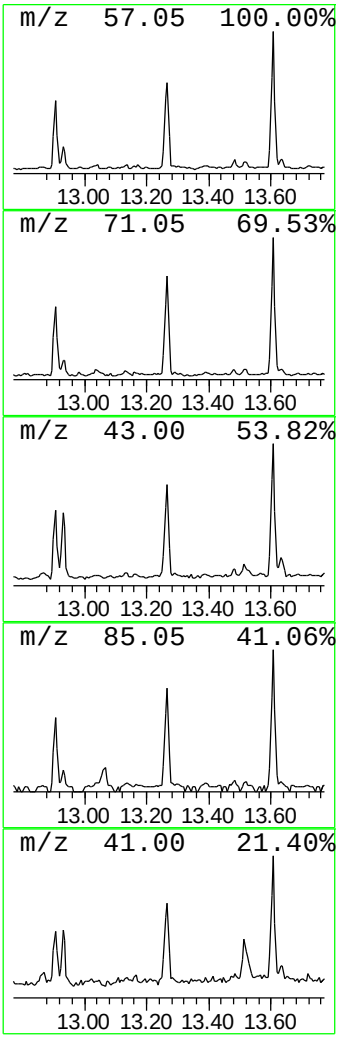
Peak Number 5 Triacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.79 ng	54067	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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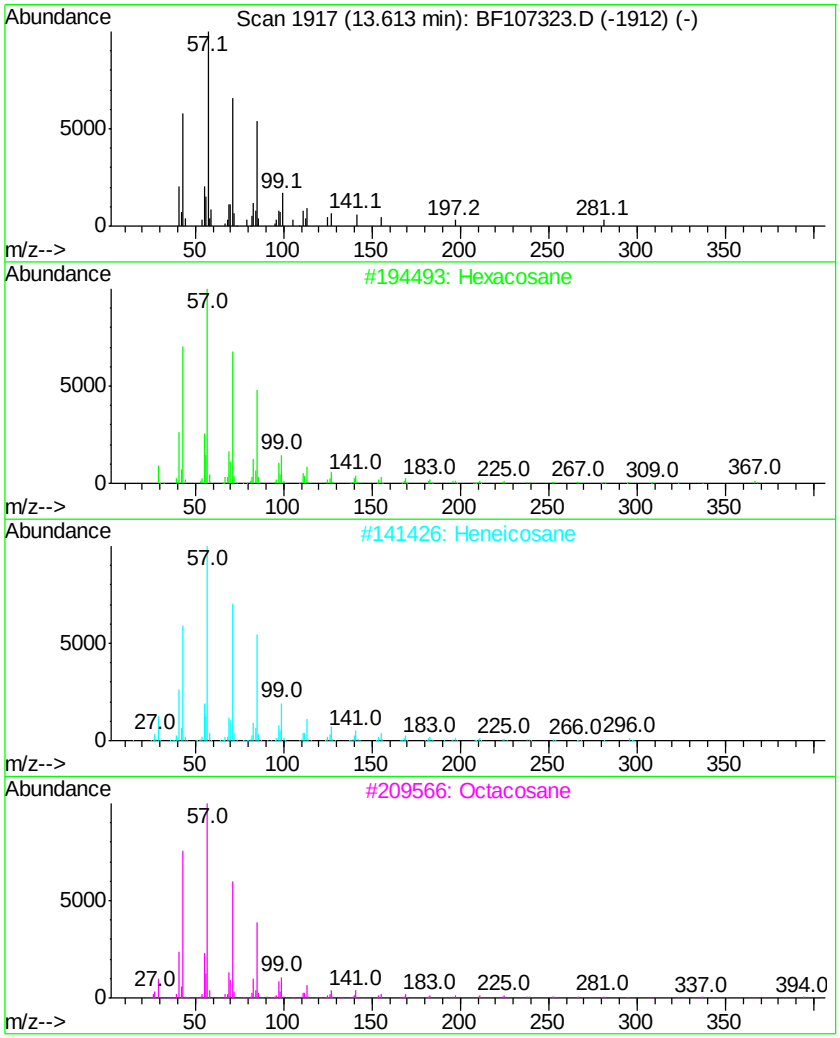
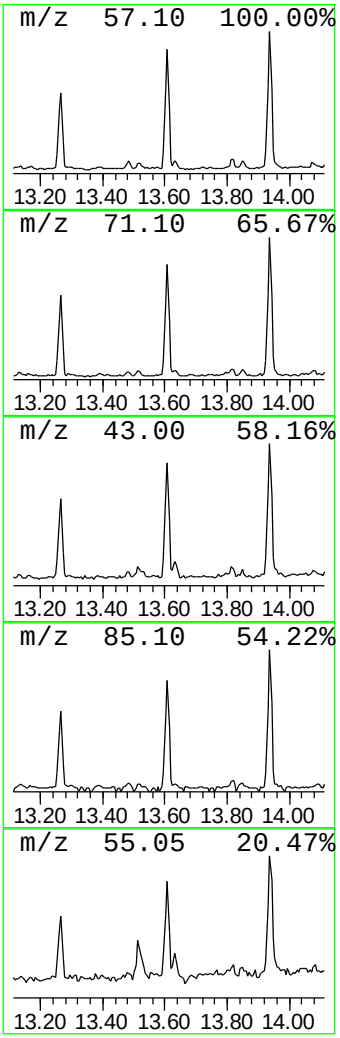
Peak Number 6 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	4.78 ng	92650	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heneicosane	296	C21H44	000629-94-7	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Pentacosane	352	C25H52	000629-99-2	83
5	Heptadecane	240	C17H36	000629-78-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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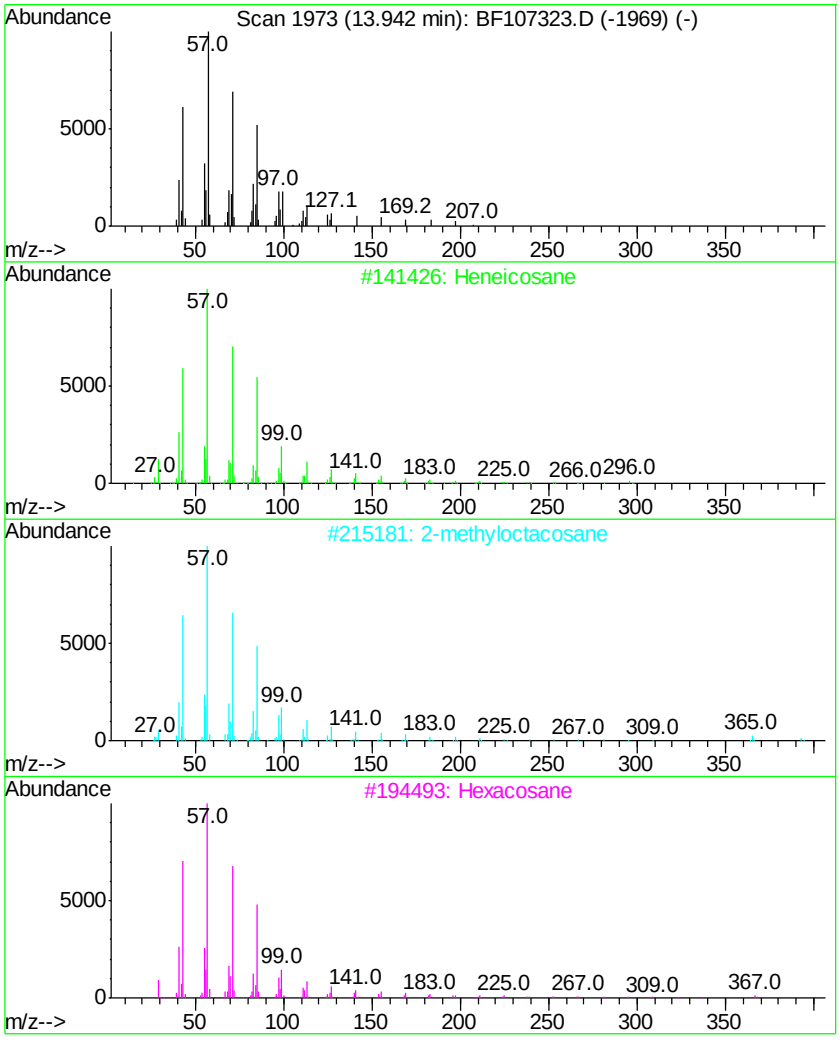
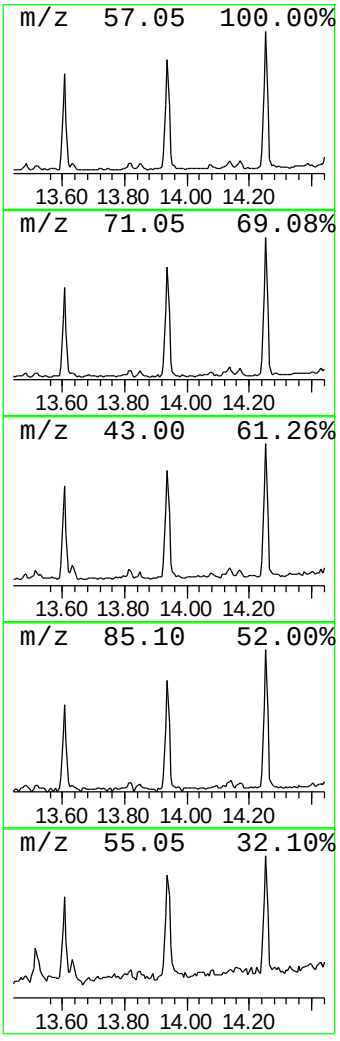
Peak Number 7 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.82 ng	112724	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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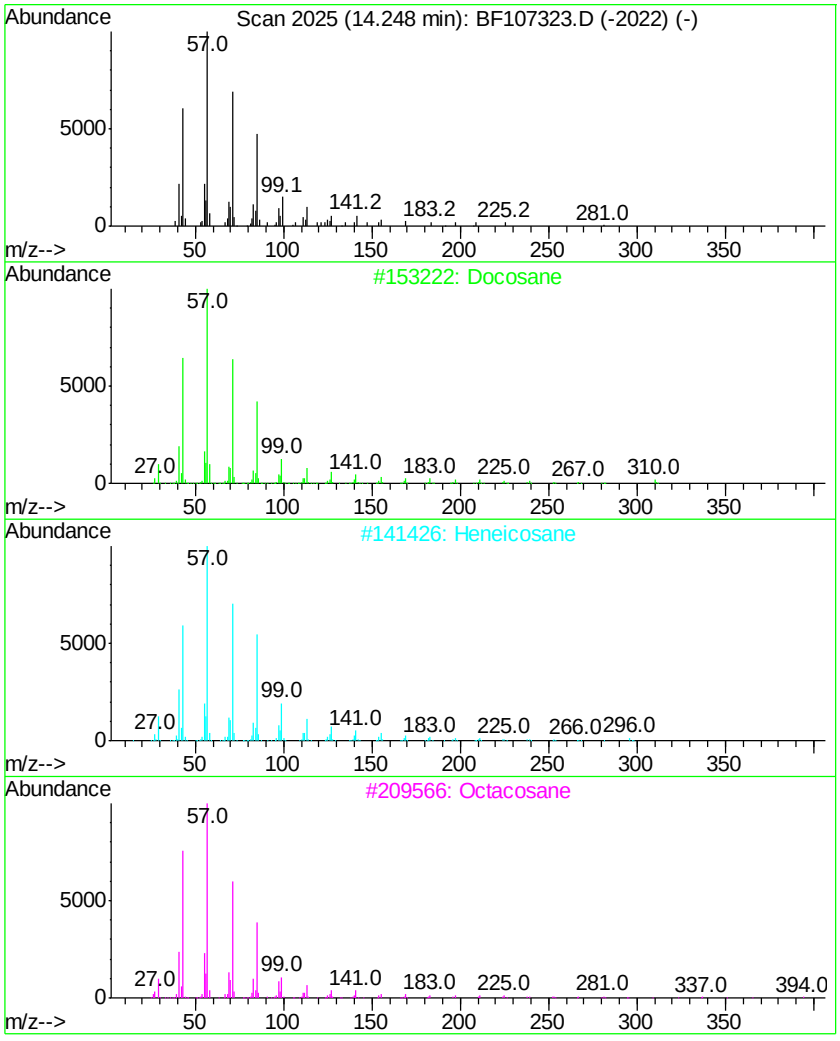
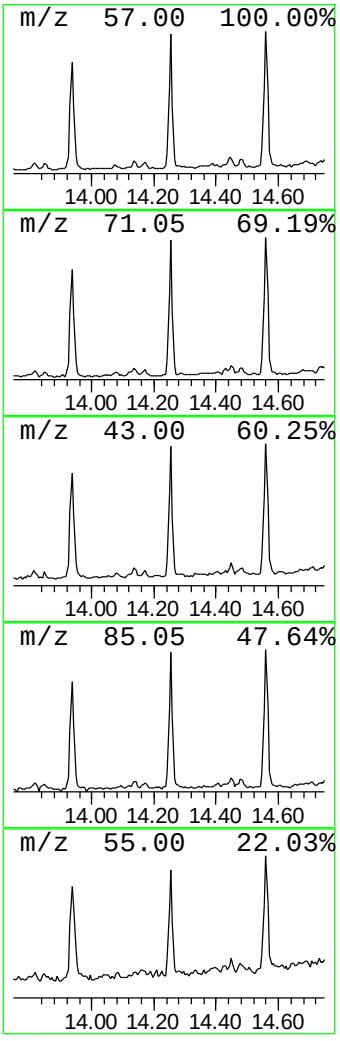
Peak Number 8 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	6.46 ng	125143	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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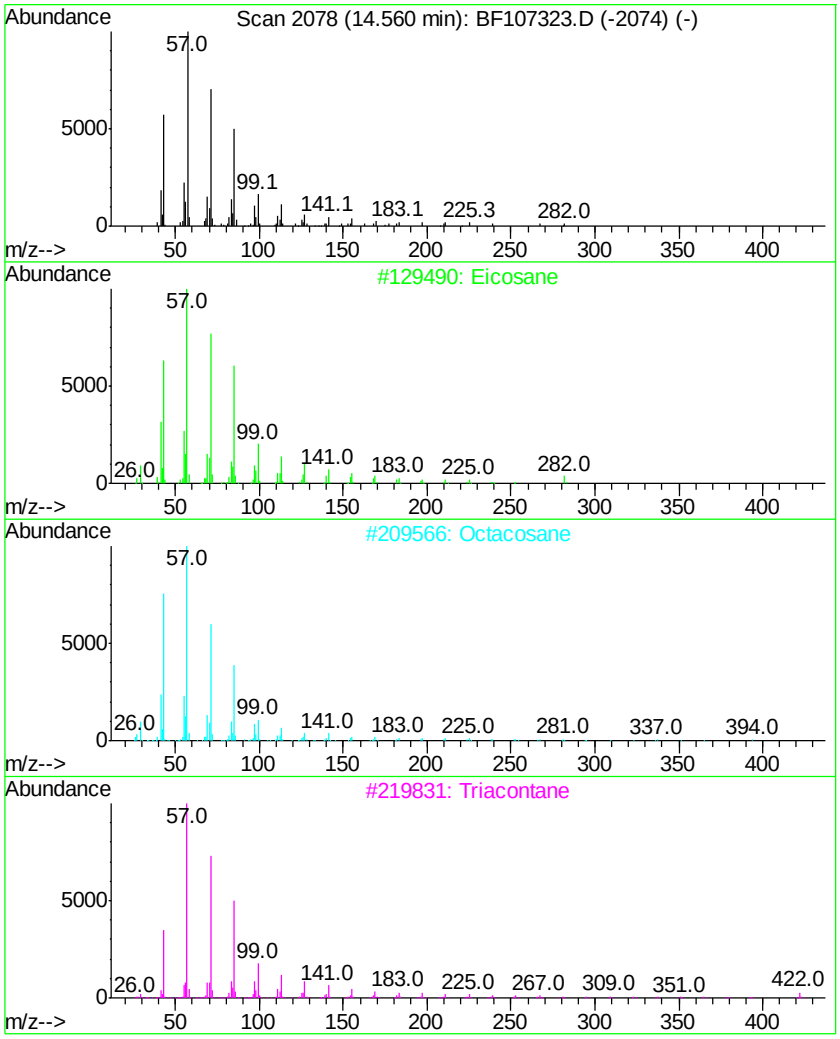
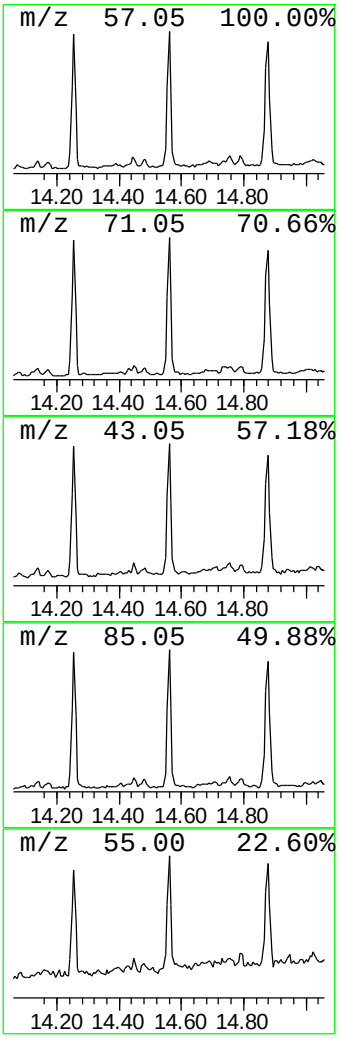
Peak Number 9 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	7.10 ng	137526	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octacosane	394	C28H58	000630-02-4	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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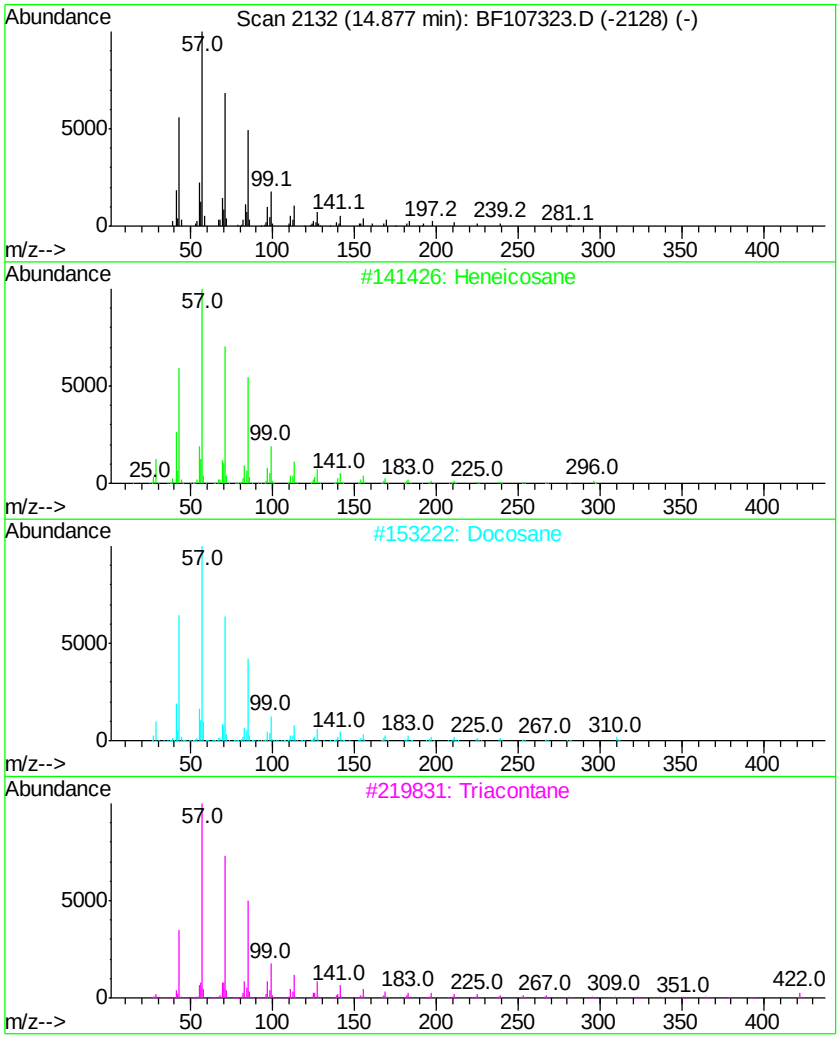
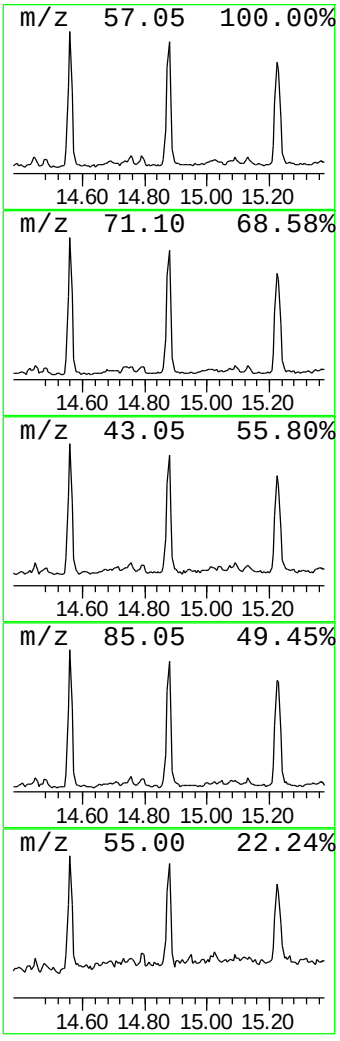
Peak Number 10 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.30 ng	141532	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Docosane	310	C22H46	000629-97-0	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

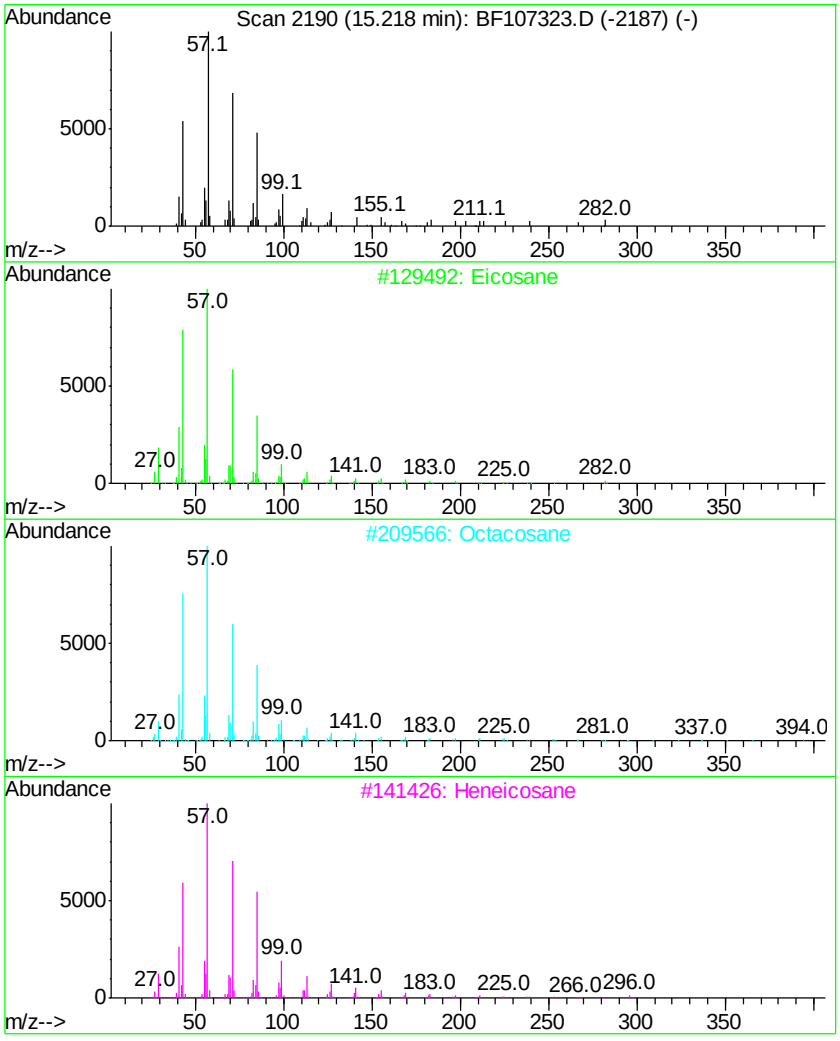
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

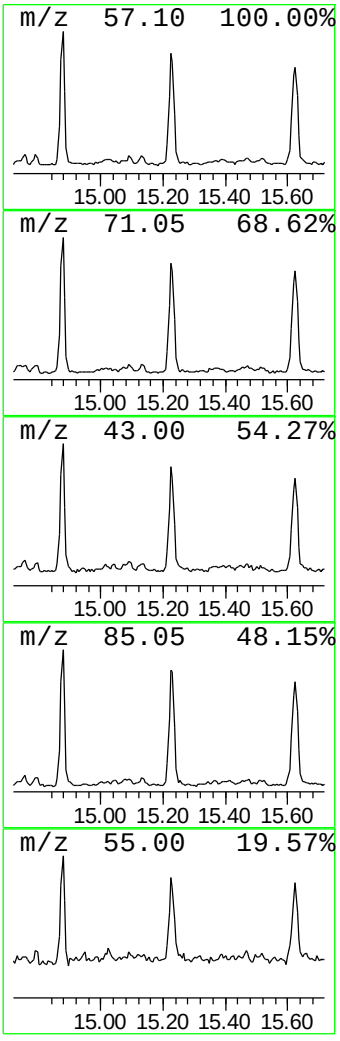
****

Peak Number 11 Hentriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	8.03 ng	139638	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107323.D
Acq On : 12 Jul 2018 2:13
Operator : JU/SJ
Sample : J3931-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
unknown6.71	6.71	56.9	ng	919033	1	6.93	322968	20.0
2,4,7,9-Tetrameth...	9.40	7.0	ng	156813	3	9.98	447199	20.0
Triethyl citrate	10.64	5.4	ng	120713	3	9.98	447199	20.0
Triacontane	13.27	2.8	ng	54067	5	14.14	387667	20.0
Hexacosane	13.61	4.8	ng	92650	5	14.14	387667	20.0
Heneicosane	13.94	5.8	ng	112724	5	14.14	387667	20.0
Docosane	14.25	6.5	ng	125143	5	14.14	387667	20.0
Eicosane	14.56	7.1	ng	137526	5	14.14	387667	20.0
Octacosane	14.88	7.3	ng	141532	5	14.14	387667	20.0
Hentriacontane	15.22	8.0	ng	139638	6	15.67	347674	20.0