LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

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-BF062119.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	4.454	423	428	434	rVB	154139	177167	2.66%	0.299%
2	5.213	551	557	560	rBV	5020347	5206988	78.21%	8.802%
3	6.254	727	734	736	rBV	4670438	5455273	81.94%	9.222%
4	6.278	736	738	747	rVB	153862	139540	2.10%	0.236%
5	6.378	750	755	759	rBV	5394955	5647777	84.83%	9.547%
6	6.607	791	794	798	rBV	1652616	1417011	21.28%	2.395%
7	6.766	817	821	824	rBV	4980716	4378101	65.76%	7.401%
8	7.172	884	890	893	rBV	3694036	3538411	53.15%	5.982%
9	7.413	927	931	938	rVB	77986	71725	1.08%	0.121%
10	7.889	1008	1012	1015	rBV	2224565	1799921	27.03%	3.043%
11	8.966	1190	1195	1206	rBV	6046526	6143915	92.28%	10.386%
12	9.360	1258	1262	1275	rBV	1051886	980446	14.73%	1.657%
13	9.636	1304	1309	1323	rBV	2300087	2118309	31.82%	3.581%
14	10.419	1437	1442	1445	rBV	4258807	4177310	62.74%	7.062%
15	11.107	1555	1559	1562	rBV	2817654	2325618	34.93%	3.931%
16	11.654	1646	1652	1660	rBV	349863	441785	6.64%	0.747%
17	12.436	1781	1785	1796	rBV	124679	197889	2.97%	0.335%
18	12.530	1797	1801	1804	rVB	84872	89568	1.35%	0.151%
19	12.695	1824	1829	1832	rBV	6723352	6657818	100.00%	11.255%
20	13.612	1982	1985	1987	rBV	98666	91361	1.37%	0.154%
21	13.659	1987	1993	2000	rVV2	149602	452948	6.80%	0.766%
22	13.724	2000	2004	2007	rVV	2487325	2201031	33.06%	3.721%
23	13.930	2035	2039	2045	rVB	163854	148855	2.24%	0.252%
24	14.230	2086	2090	2094	rBV	233582	226187	3.40%	0.382%
25	14.495	2132	2135	2138	rBV	807247	846190	12.71%	1.430%
26	14.524	2138	2140	2149	rVB	402453	434220	6.52%	0.734%
27	14.824	2186	2191	2198	rVB	424118	474336	7.12%	0.802%
28	15.089	2231	2236	2244	rBV	1660512	1896962	28.49%	3.207%
29	15.159	2244	2248	2255	rVB	406564	534469	8.03%	0.904%
30	15.542	2307	2313	2319	rBV	291921	458994	6.89%	0.776%
31	15.983	2382	2388	2399	rVB3	160834	309307	4.65%	0.523%
32	16.500	2470	2476	2485	rVB	57226	115095	1.73%	0.195%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 59154527

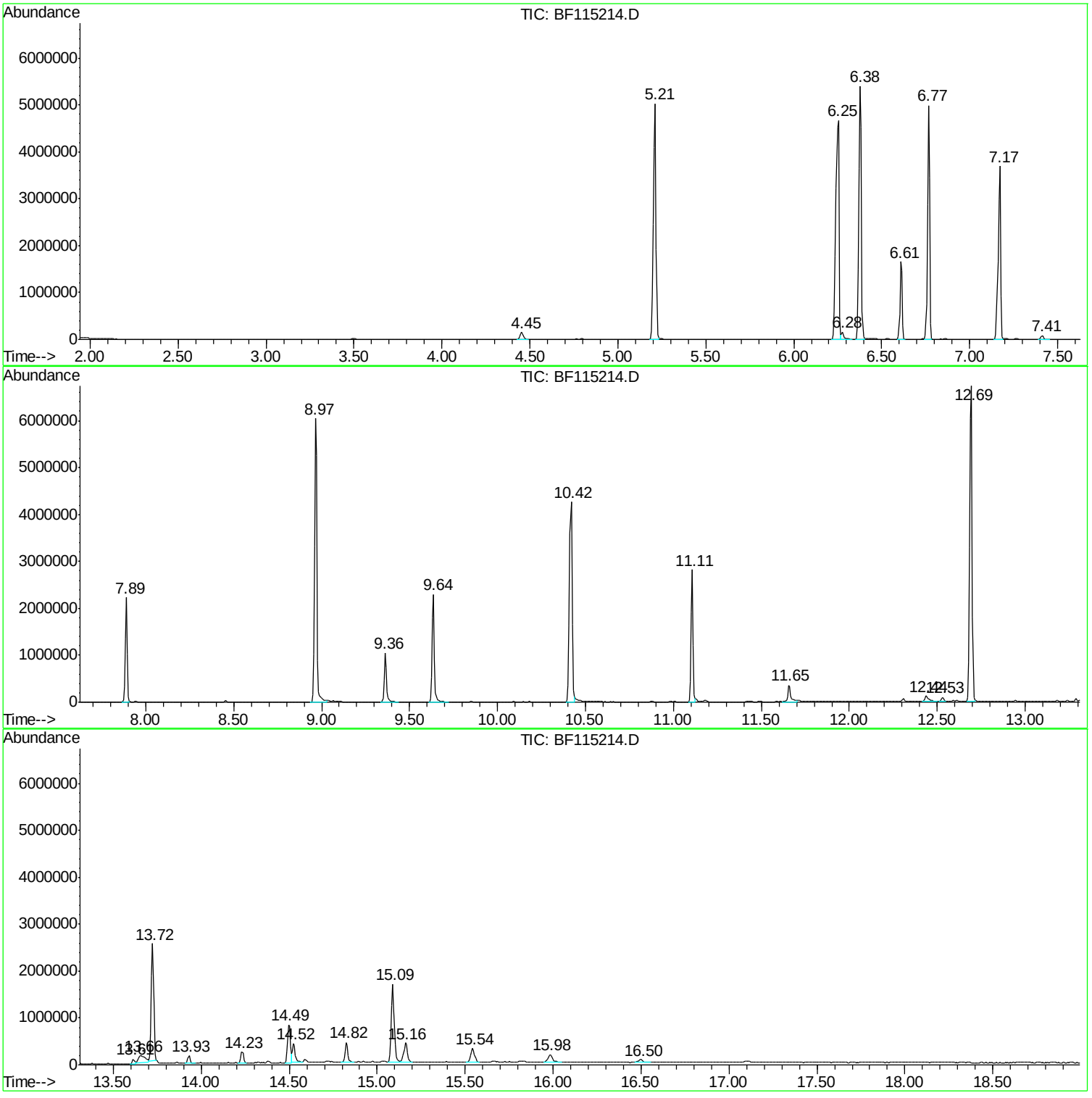
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

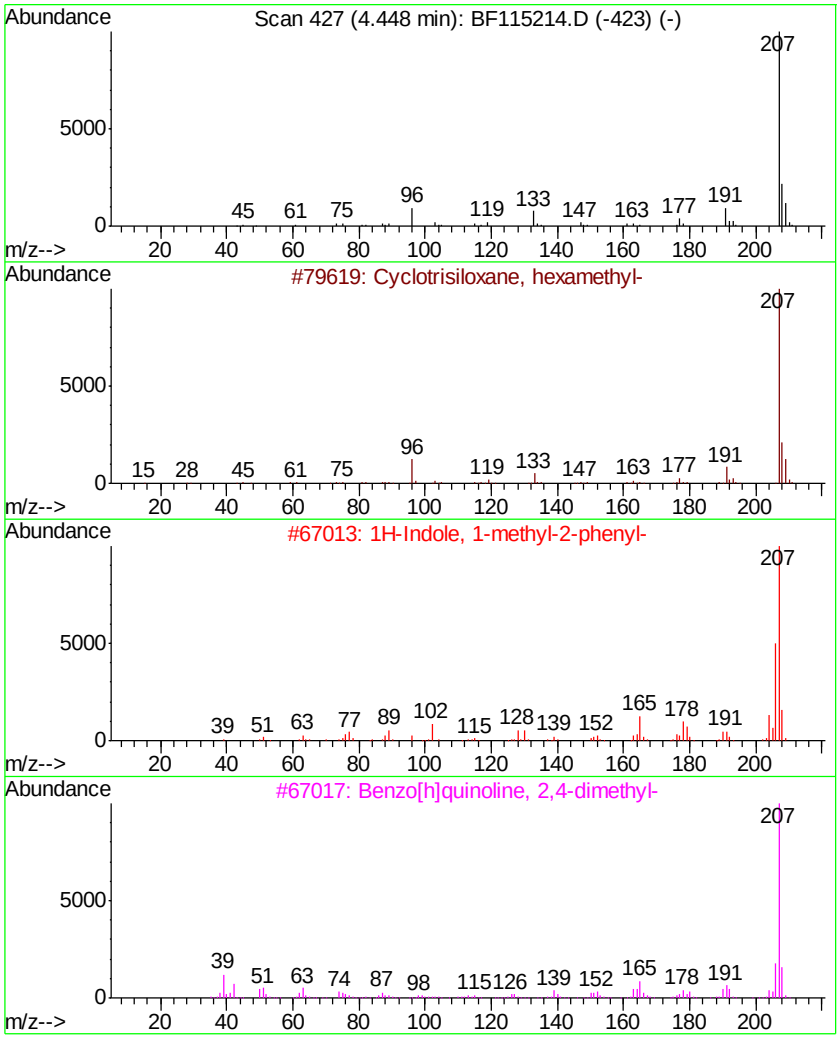
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

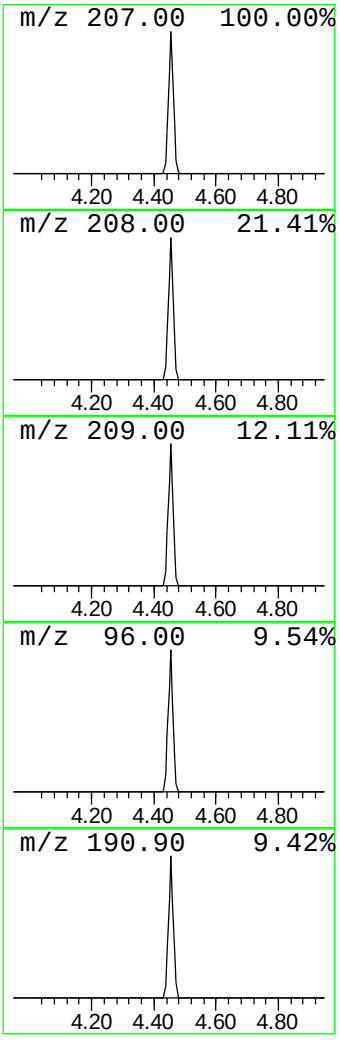
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	2.50 ng	177167	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
3	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	38
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	9
5	1H-Indole, 6-methyl-2-phenyl-	207	C15H13N	066354-87-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

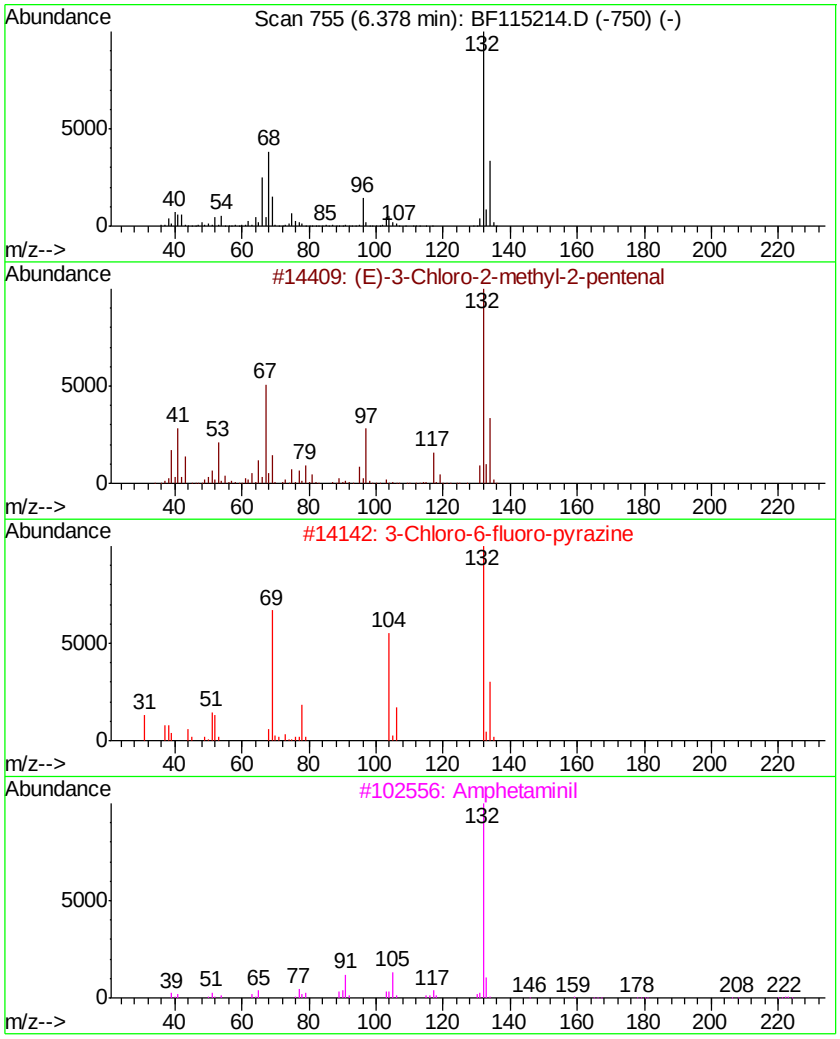
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

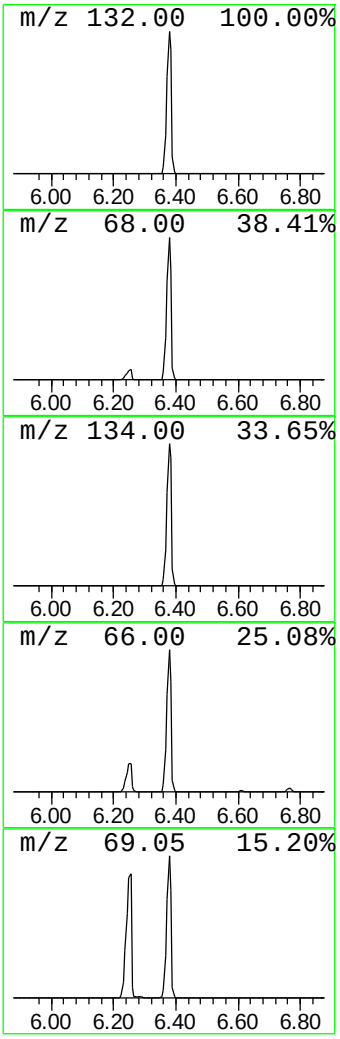
****

Peak Number 2 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	79.71 ng	5647780	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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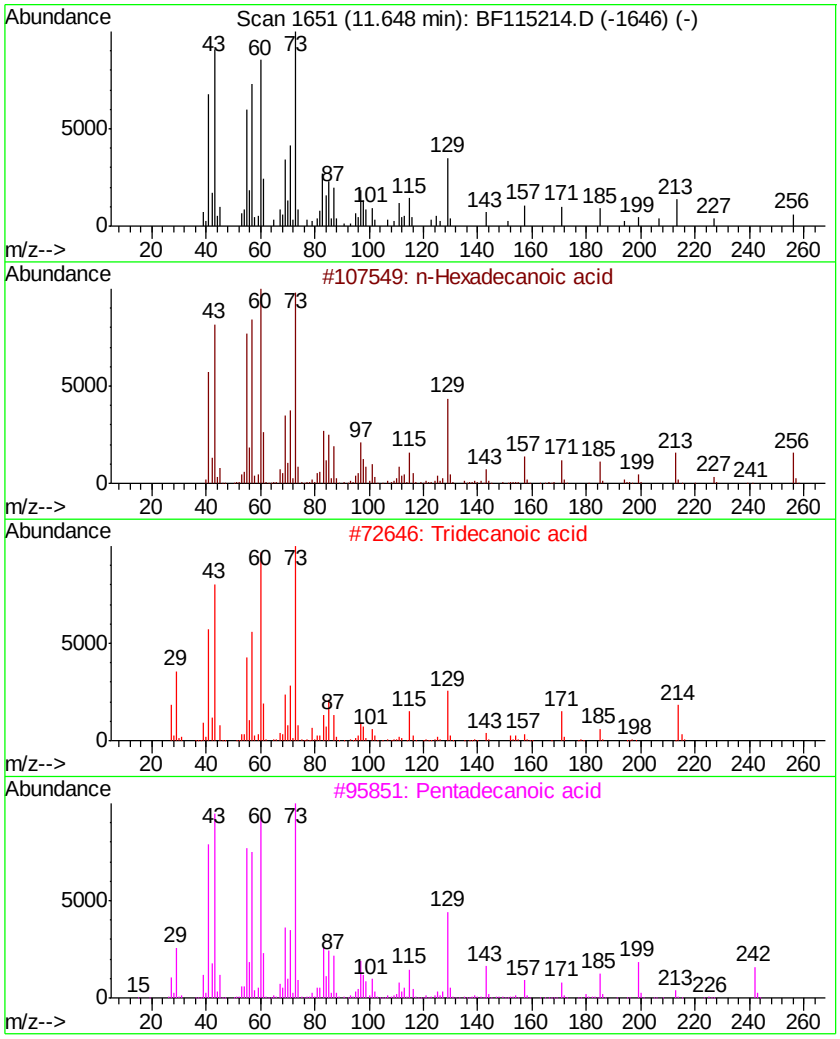
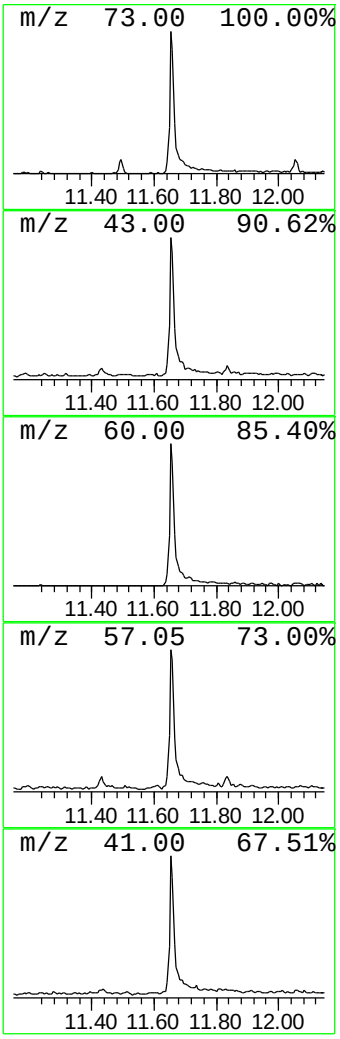
Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	3.80 ng	441785	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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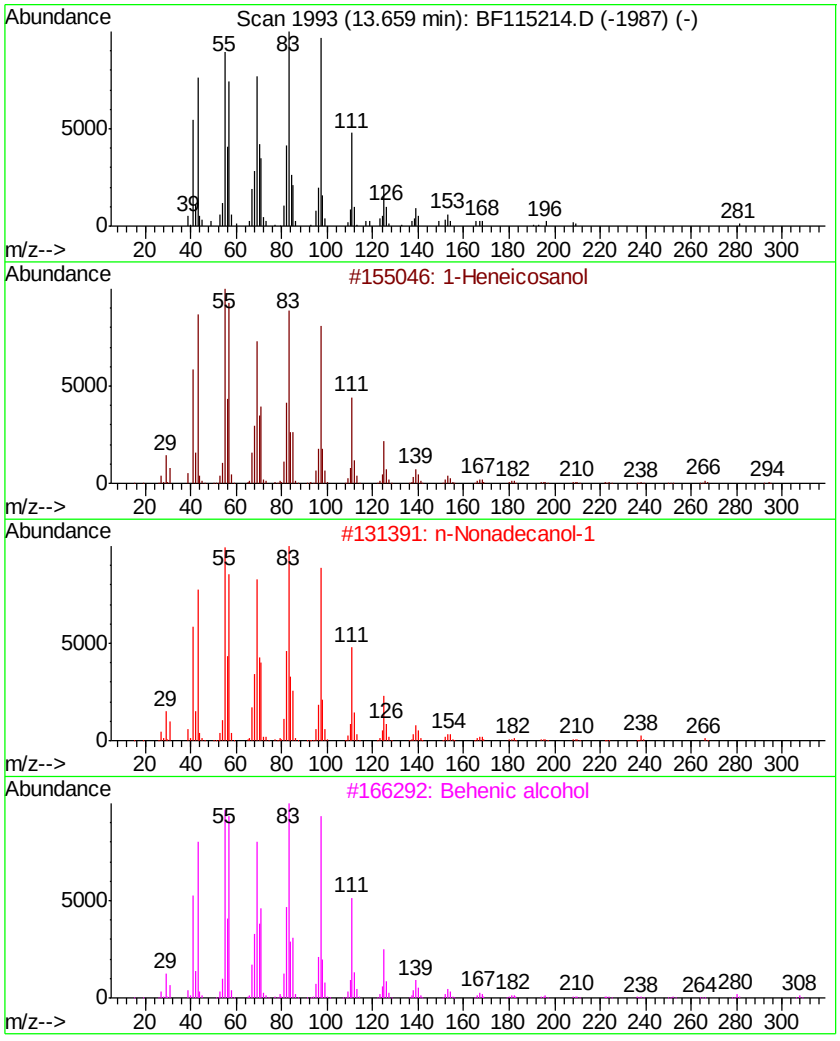
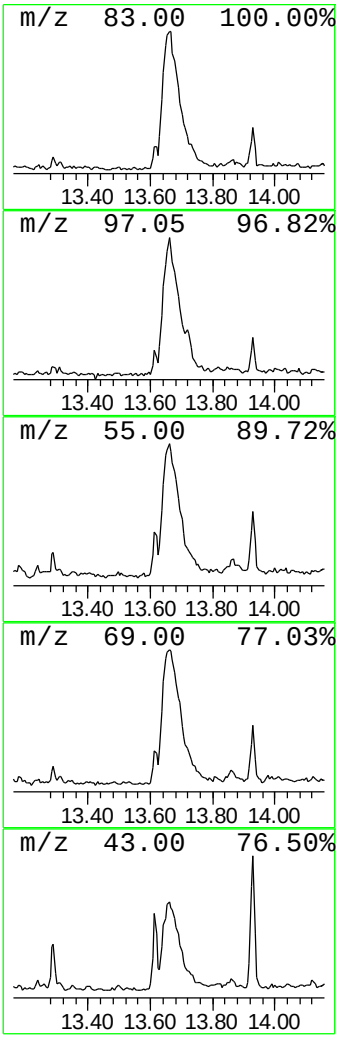
Peak Number 5 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	4.12 ng	452948	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	87
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

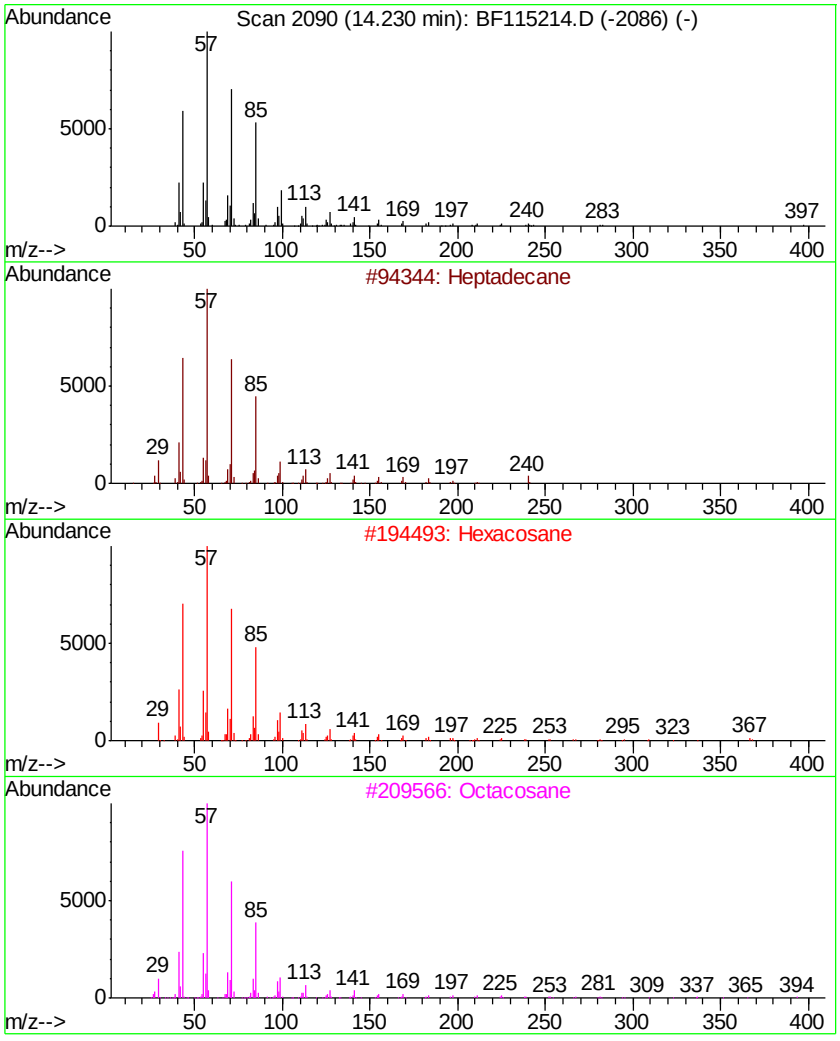
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

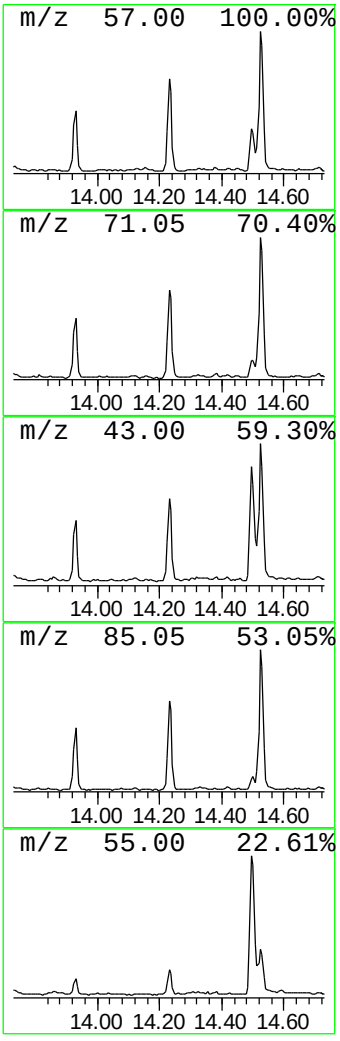
****

Peak Number 6 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.06 ng	226187	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane	310	C22H46	000629-97-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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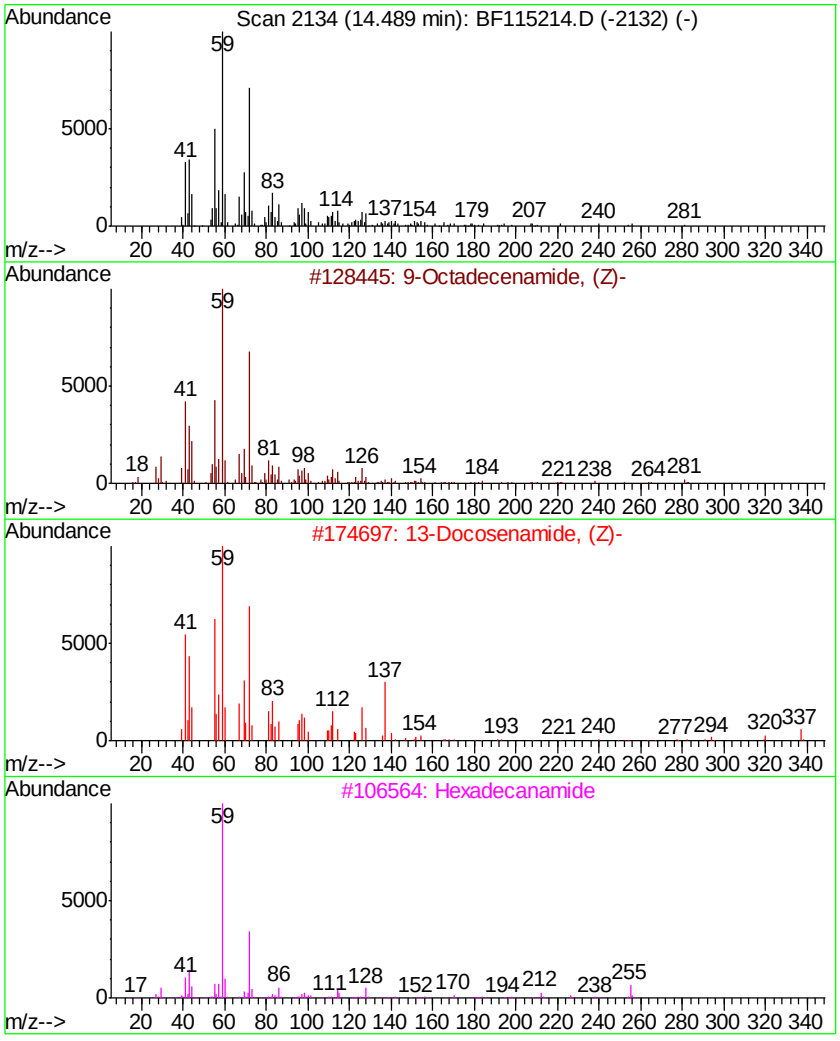
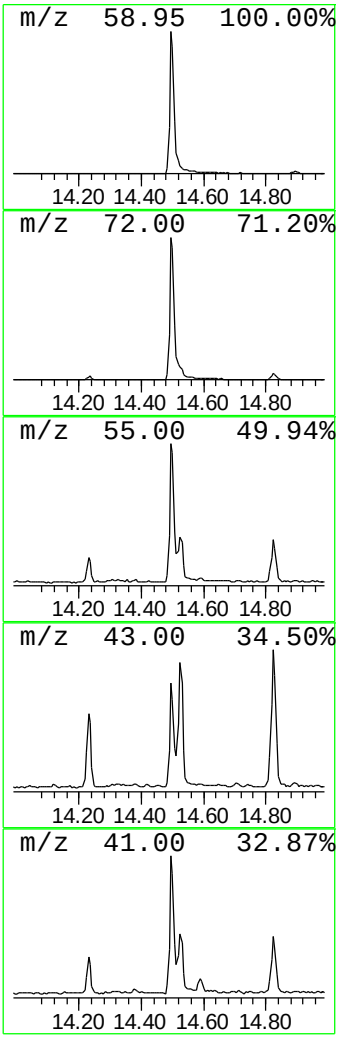
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	8.92 ng	846190	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
3	Hexadecanamide	255	C16H33NO	000629-54-9	59
4	Decanamide-	171	C10H21NO	002319-29-1	59
5	Dodecanamide	199	C12H25NO	001120-16-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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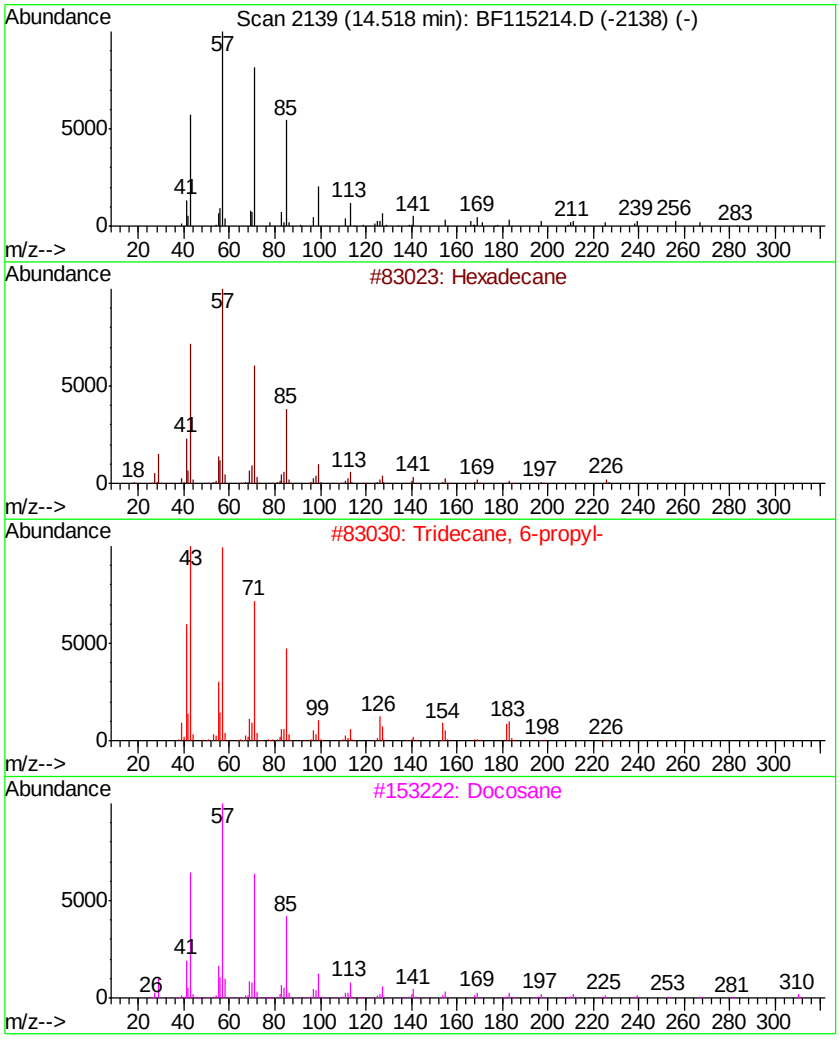
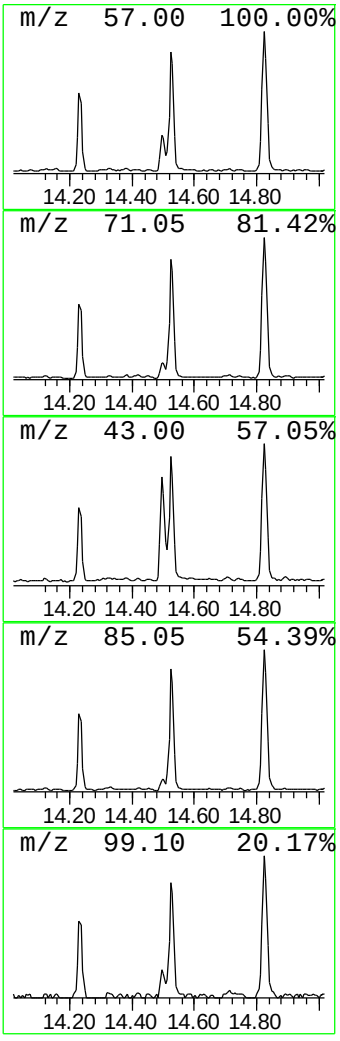
Peak Number 8 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	4.58 ng	434220	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
3	Docosane	310	C22H46	000629-97-0	83
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	83
5	Heptacosane	380	C27H56	000593-49-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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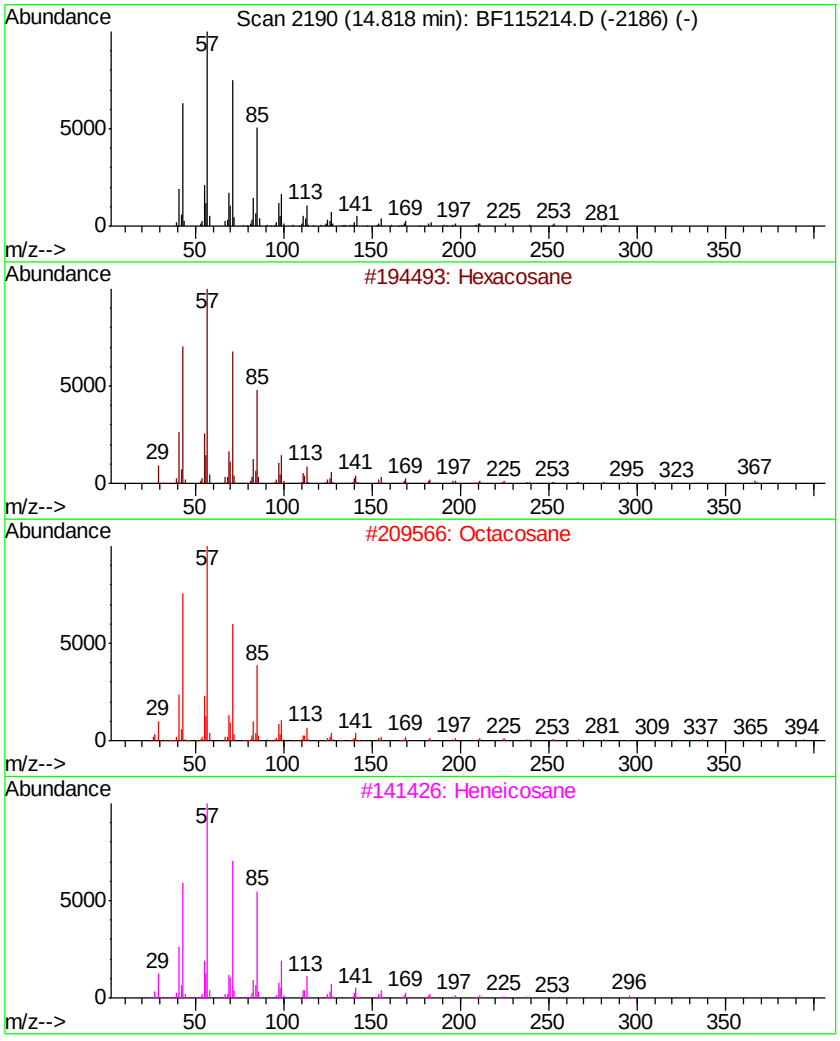
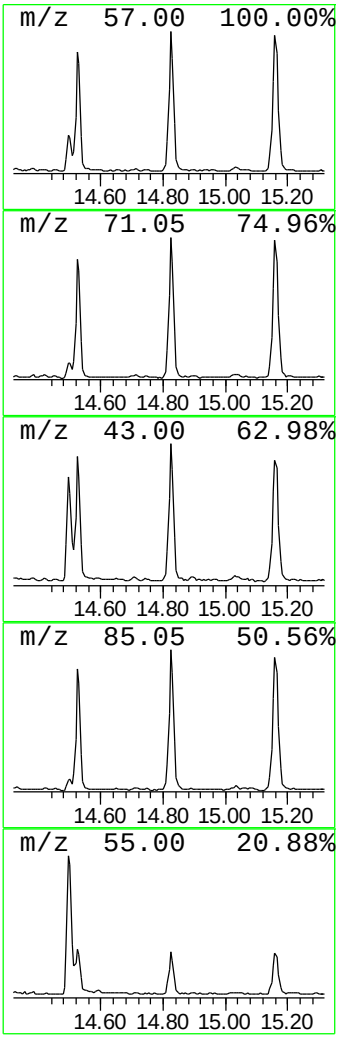
Peak Number 9 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	5.00 ng	474336	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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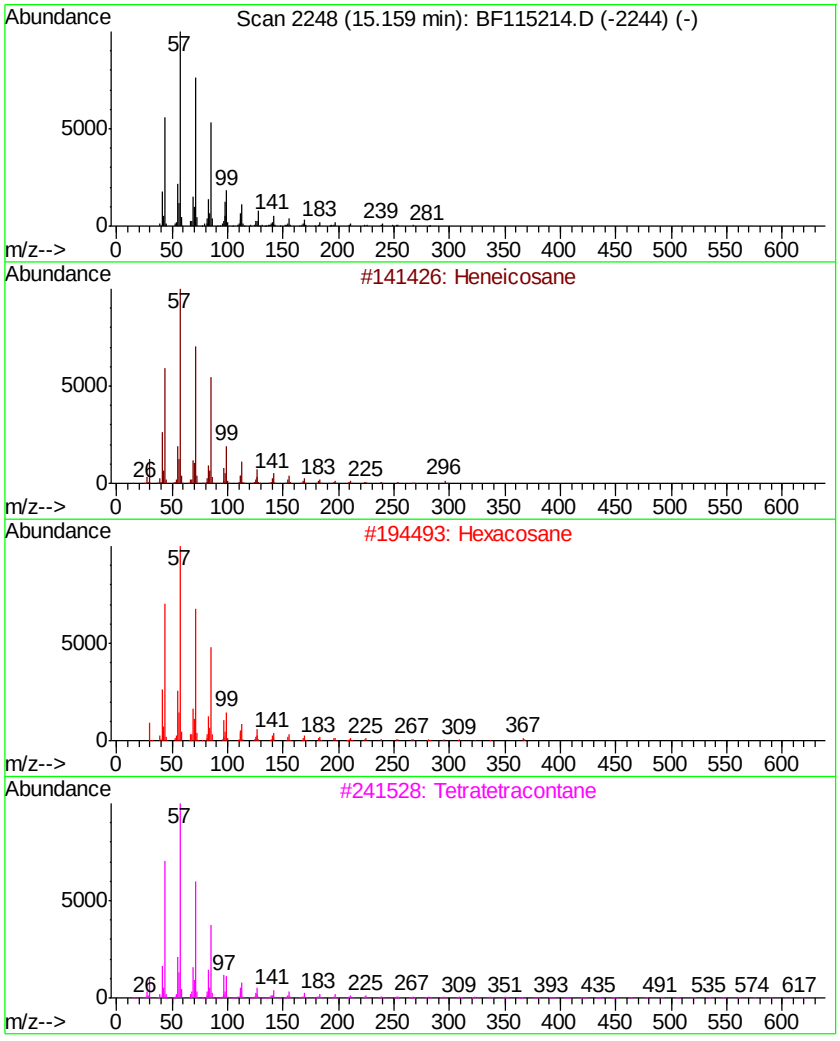
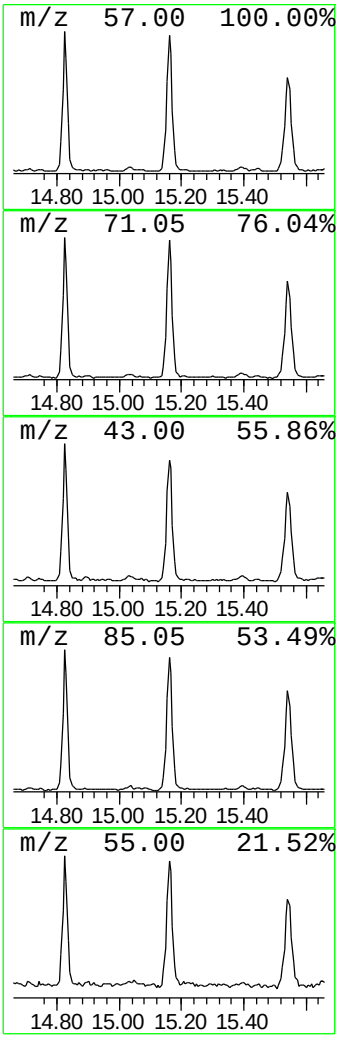
Peak Number 10 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	5.64 ng	534469	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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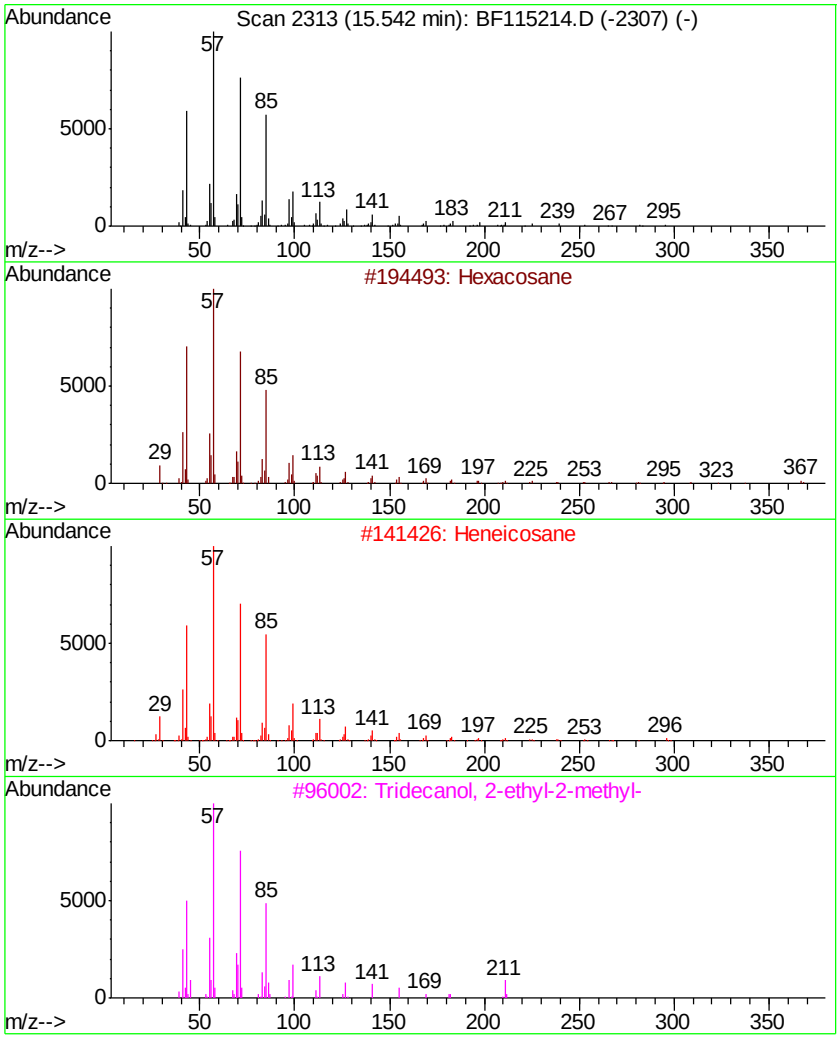
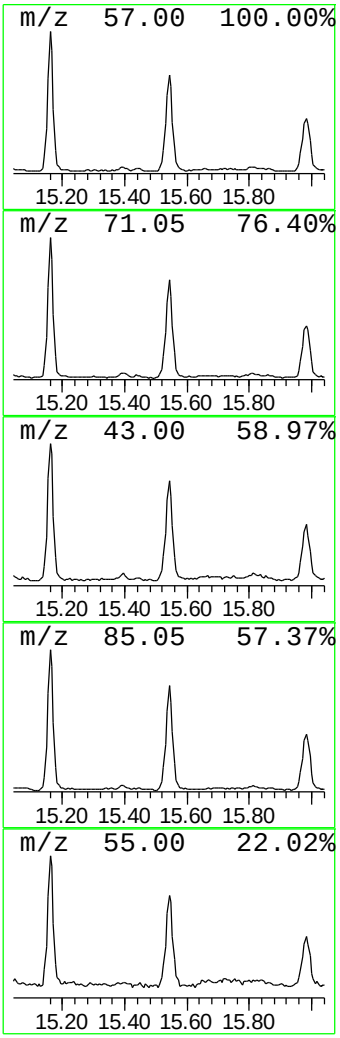
Peak Number 11 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	4.84 ng	458994	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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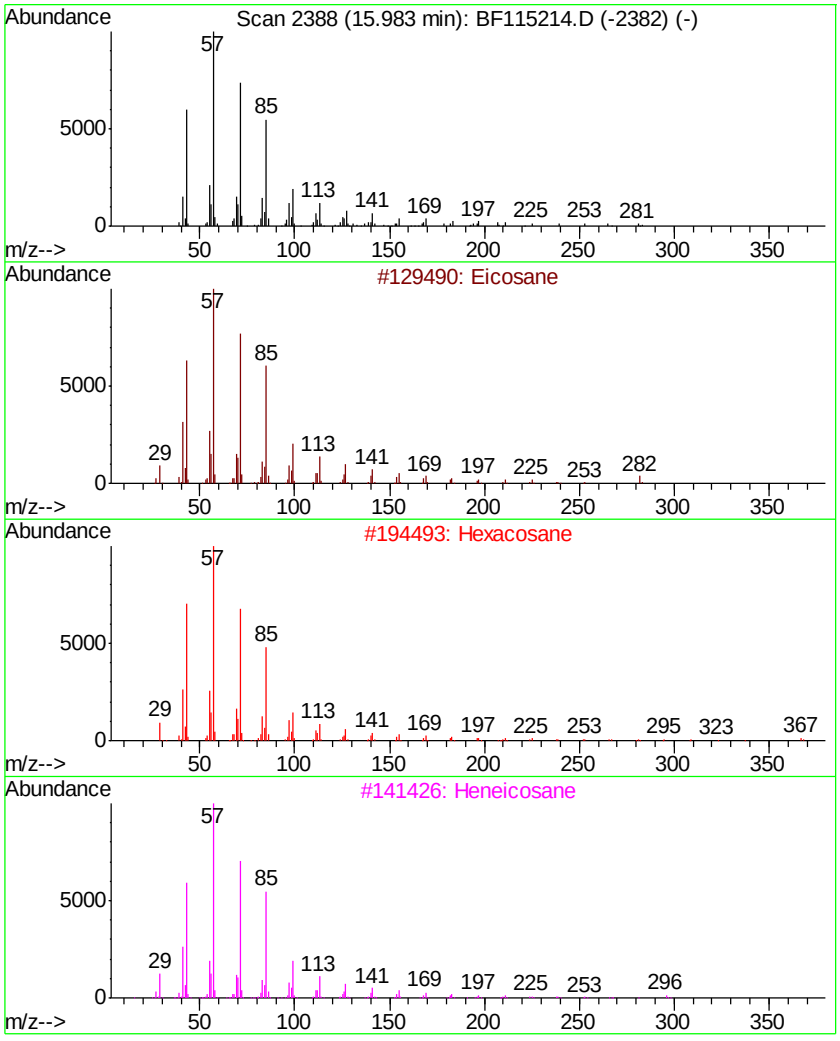
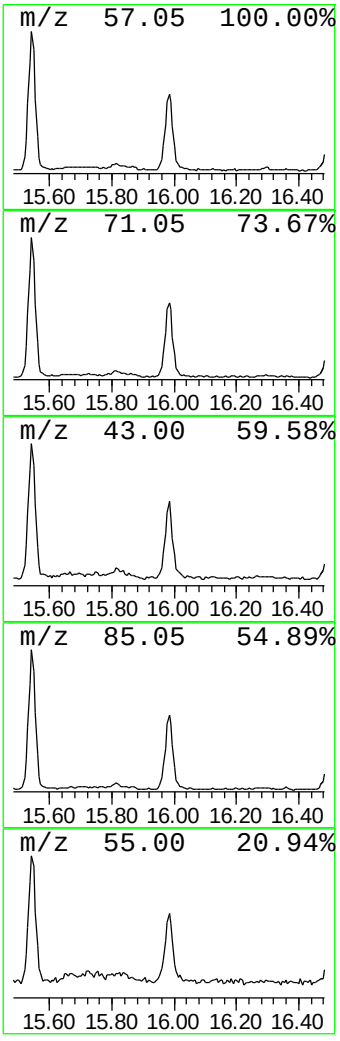
Peak Number 12 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.26 ng	309307	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Pentacosane	352	C25H52	000629-99-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062619\
Data File : BF115214.D
Acq On : 26 Jun 2019 13:04
Operator : HP/JU
Sample : K3164-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
Cyclotrisiloxane,...	4.45	2.5	ng	177167	1	6.61	1417010	20.0
unknown6.38	6.38	79.7	ng	5647780	1	6.61	1417010	20.0
n-Hexadecanoic acid	11.65	3.8	ng	441785	4	11.11	2325620	20.0
1-Heneicosanol	13.66	4.1	ng	452948	5	13.72	2201030	20.0
Heptadecane	14.23	2.1	ng	226187	5	13.72	2201030	20.0
9-Octadecenamide,...	14.49	8.9	ng	846190	6	15.09	1896960	20.0
Hexadecane	14.52	4.6	ng	434220	6	15.09	1896960	20.0
Hexacosane	14.82	5.0	ng	474336	6	15.09	1896960	20.0
Heneicosane	15.16	5.6	ng	534469	6	15.09	1896960	20.0
Tridecanol, 2-eth...	15.54	4.8	ng	458994	6	15.09	1896960	20.0
Eicosane	15.98	3.3	ng	309307	6	15.09	1896960	20.0