

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012580.D
 Acq On : 30 Oct 2017 19:15
 Operator : SJ/JU
 Sample : I5886-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNE1

Manual Integrations
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Quant Time: Oct 31 04:23:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 03:00:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	300390	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1134681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	638560	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1438648	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1696651	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1887265	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	29231	4.97	ng/uL	0.00
5) Phenol-d5	7.02	99	503239	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	331679	22.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	427124	22.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	326070	15.20	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	203056	28.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	227171	31.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	416950	21.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	432899	21.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1261276	22.61	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1544283	23.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	154064	18.58	ng/ul	0.00
57) Fluorene-d10	15.48	176	1072030	22.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	151764	21.80	ng/ul	0.00
70) Anthracene-d10	17.33	188	1568726	22.88	ng/ul	0.00
76) Pyrene-d10	19.62	212	1817035	23.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2010468	22.42	ng/ul	-0.01

Target Compounds

					Ovalue	
6) Phenol	7.05	94	79639	3.048	ng/ul#	86
44) Dimethylphthalate	13.94	163	76036	1.378	ng/ul	99
69) Phenanthrene	17.27	178	187559	2.411	ng/ul	99
74) Fluoranthene	19.29	202	704884	7.996	ng/ul#	93
77) Pyrene	19.64	202	587312	6.087	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	432684	4.259	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.31	149	66748	1.154	ng/ul	99
82) Chrysene	21.44	228	403388	4.466	ng/ul	99
85) Benzo(b)fluoranthene	23.01	252	501955	4.303	ng/ul#	96
86) Benzo(k)fluoranthene	23.05	252	162021m	1.476	ng/ul	
88) Benzo(a)pyrene	23.60	252	312567	2.810	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.03	276	211400	1.615	ng/ul#	96
91) Benzo(g,h,i)perylene	26.74	276	149011	1.404	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

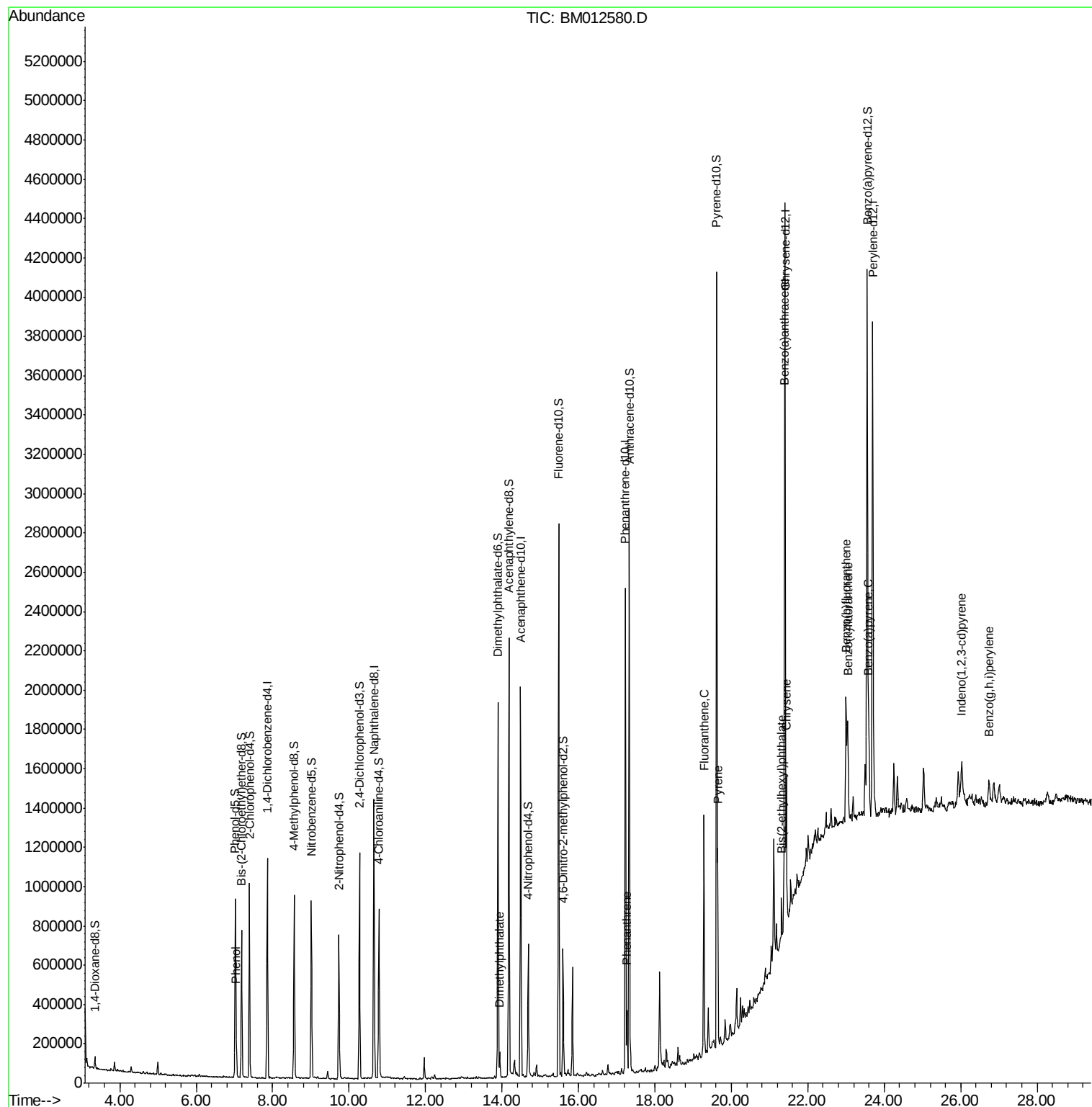
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012580.D
Acq On : 30 Oct 2017 19:15
Operator : SJ/JU
Sample : I5886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

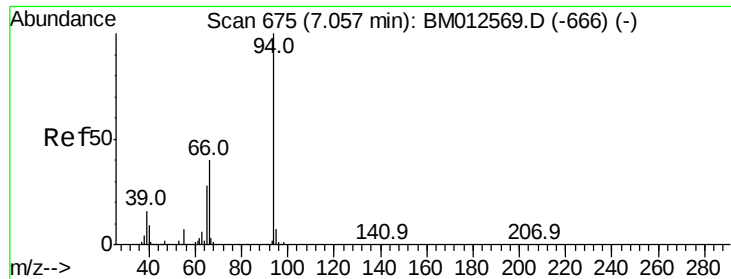
Instrument :
BNA_M
ClientSampleId :
ESNE1

Quant Time: Oct 31 04:23:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 03:00:36 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 3.048 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

Instrument :

BNA_M

ClientSampleId :

ESNE1

Tot Ion: 94 Resp: 79639

Ion Ratio Lower Upper

94 100

65 31.4 28.2 42.4

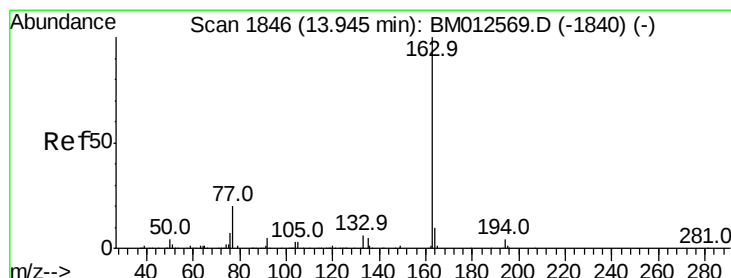
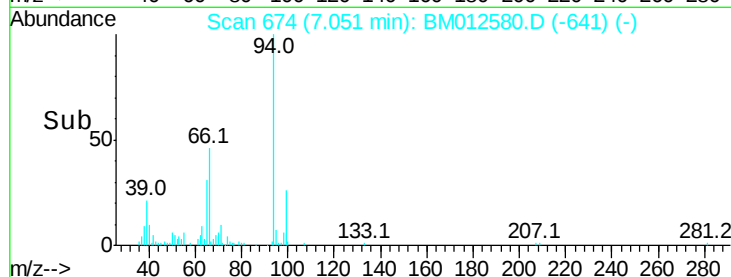
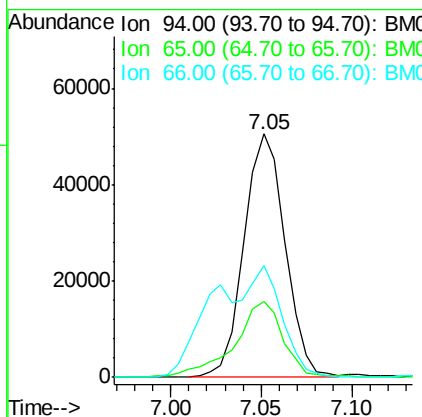
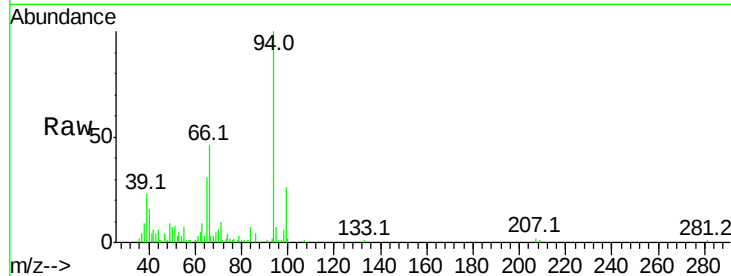
66 45.7 47.2 70.8#

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#44

Dimethylphthalate

Concen: 1.378 ng/ul

RT: 13.94 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

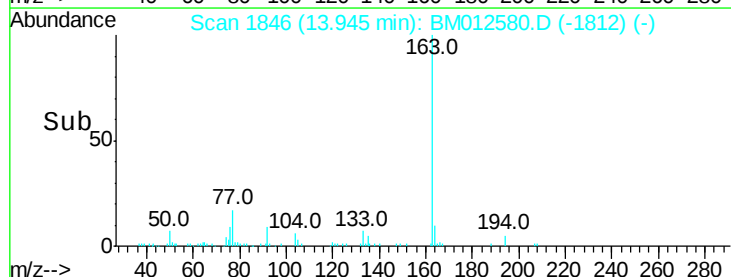
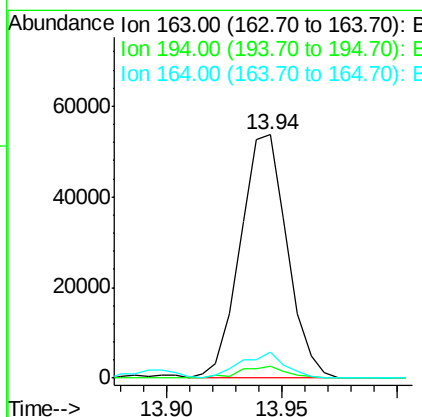
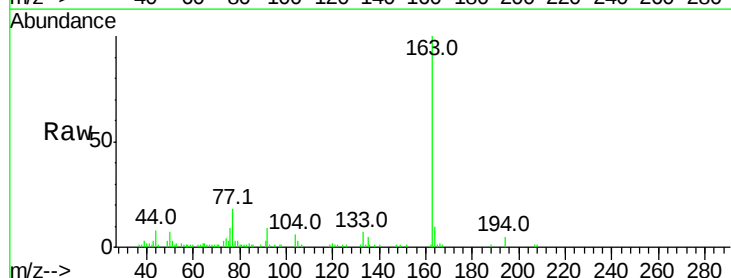
Tgt Ion: 163 Resp: 76036

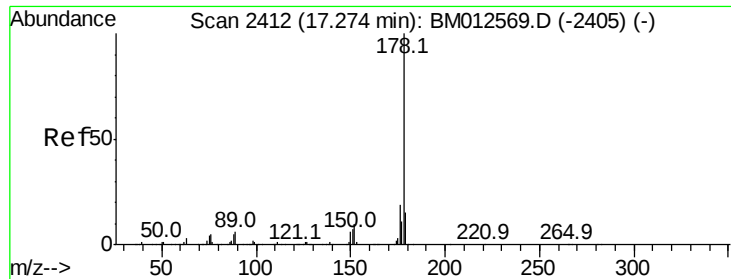
Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

164 10.5 8.2 12.4





#69

Phenanthrene

Concen: 2.411 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

Instrument :

BNA_M

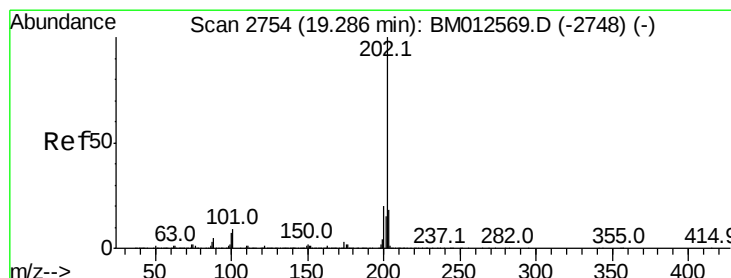
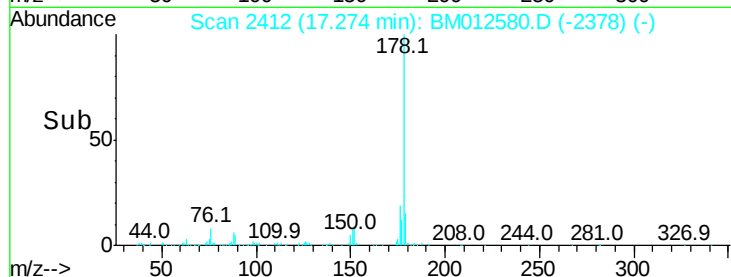
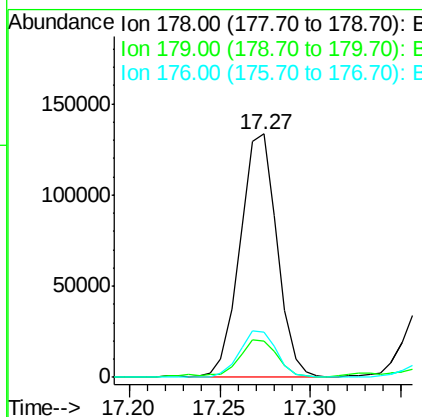
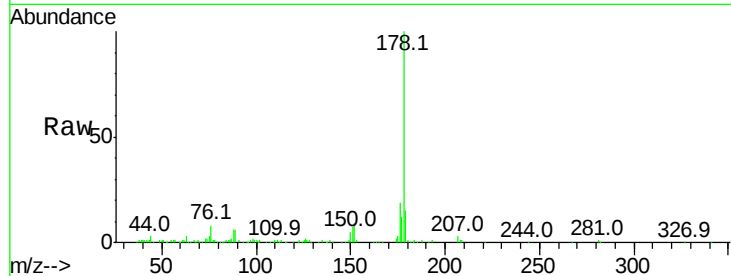
ClientSampleId :

ESNE1

Tot Ion:178	Resp:	187559
Ion Ratio	Lower	Upper
178	100	
179	14.9	12.6 19.0
176	18.6	14.9 22.3

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#74

Fluoranthene

Concen: 7.996 ng/ul

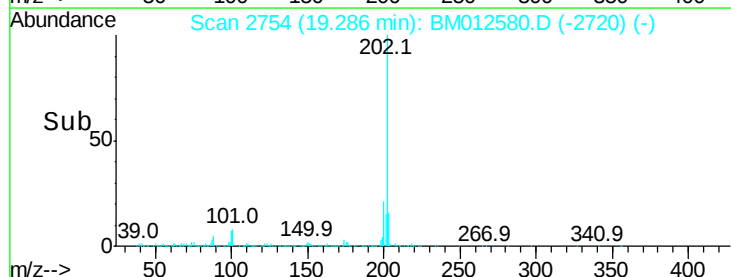
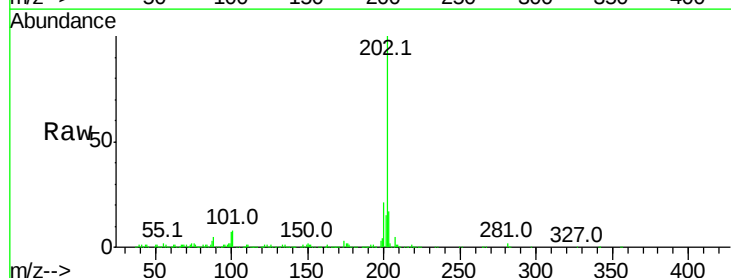
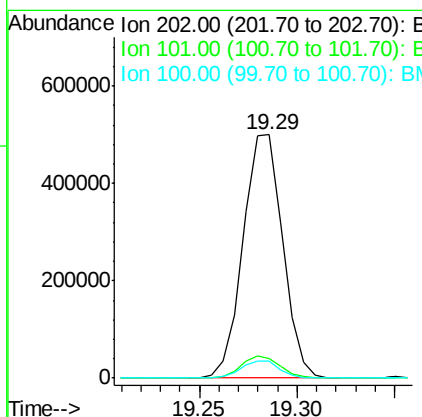
RT: 19.29 min Scan# 2754

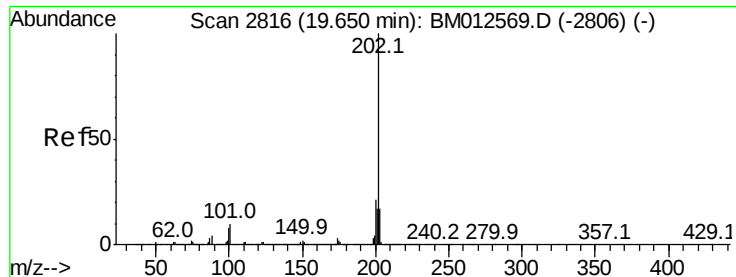
Delta R.T. -0.00 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

Tgt Ion:202	Resp:	704884
Ion Ratio	Lower	Upper
202	100	
101	8.1	4.6 7.0#
100	6.7	3.4 5.2#





#77

Pvrene

Concen: 6.087 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

Instrument :

BNA_M

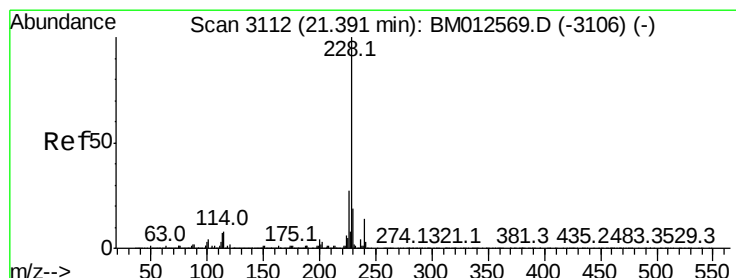
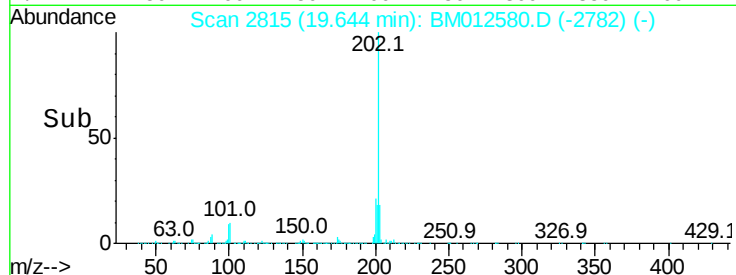
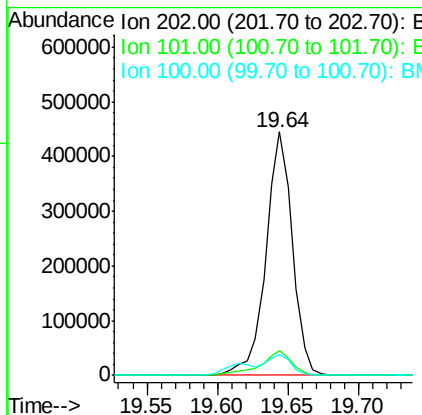
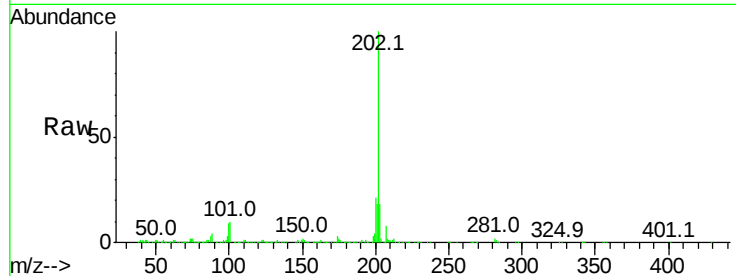
ClientSampleId :

ESNE1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	5.1	7.7#
100	8.6	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 4.259 ng/ul

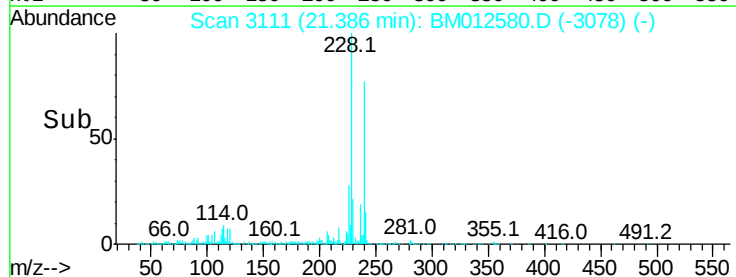
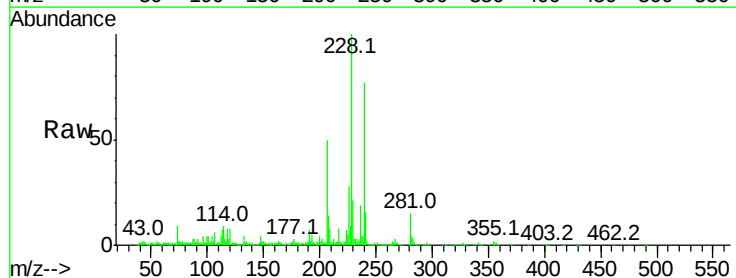
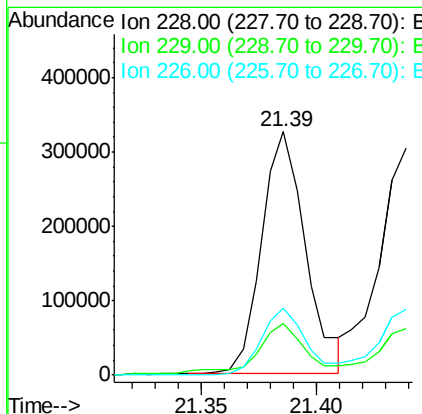
RT: 21.39 min Scan# 3111

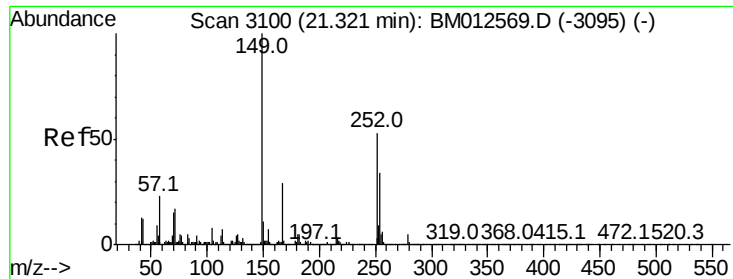
Delta R.T. -0.01 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.2	15.4	23.0
226	27.6	21.4	32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.154 ng/ul

RT: 21.31 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

Instrument :

BNA_M

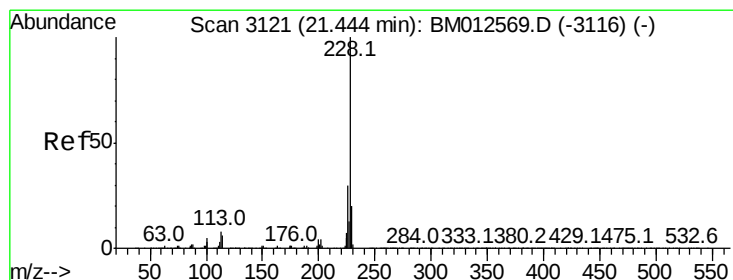
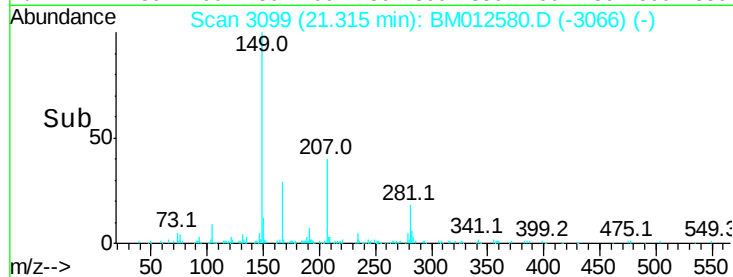
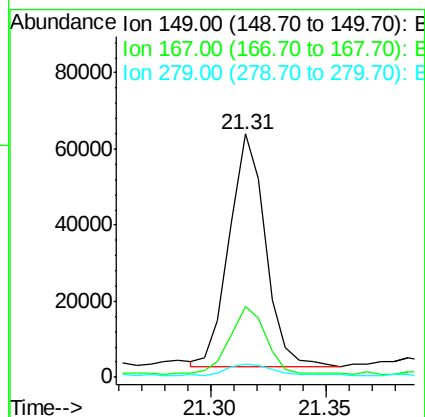
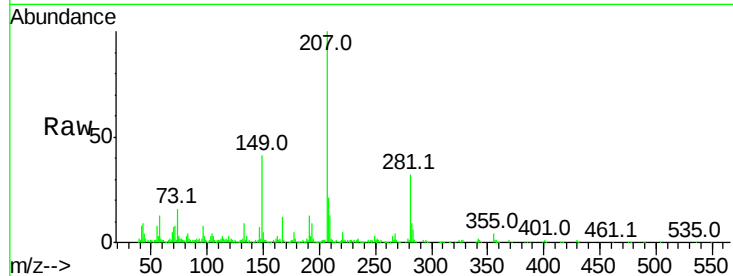
ClientSampleId :

ESNE1

Tot Ion:	149	Resp:	66748
Ion Ratio	Lower	Upper	
149	100		
167	29.2	22.8	34.2
279	5.5	4.9	7.3

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#82

Chrysene

Concen: 4.466 ng/ul

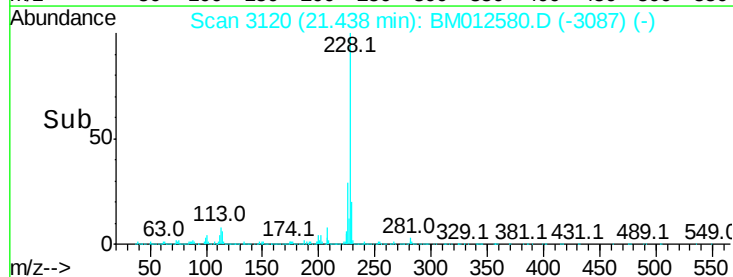
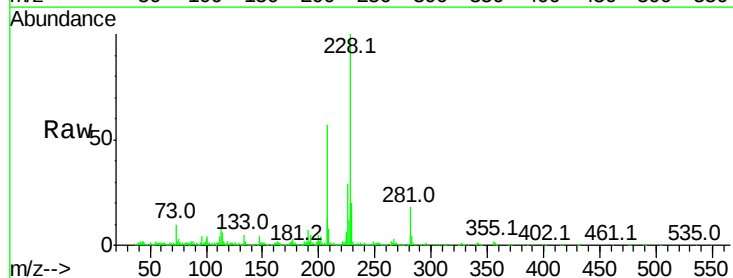
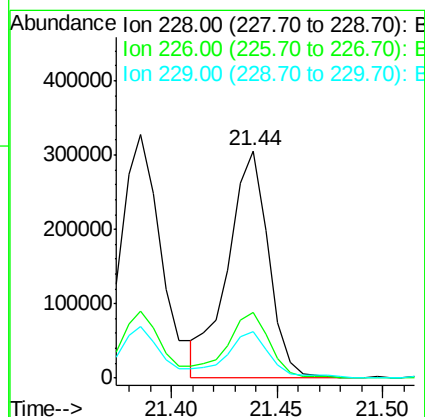
RT: 21.44 min Scan# 3120

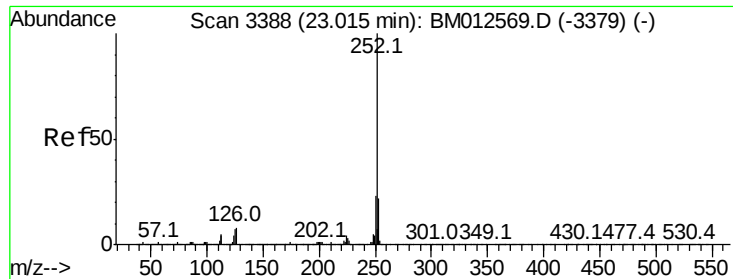
Delta R.T. -0.01 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

Tgt Ion:	228	Resp:	403388
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.4	35.2
229	20.2	15.5	23.3





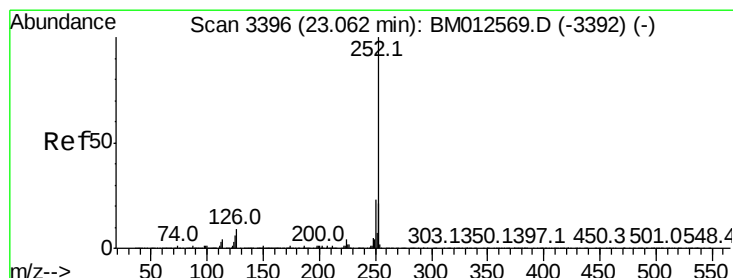
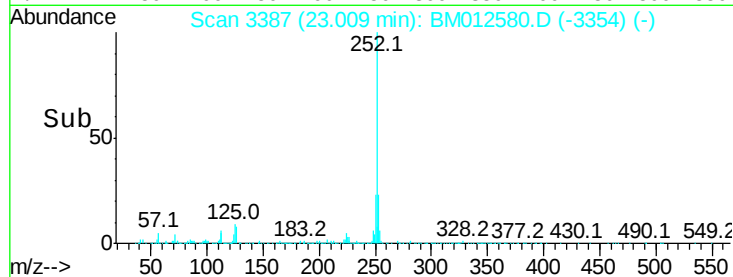
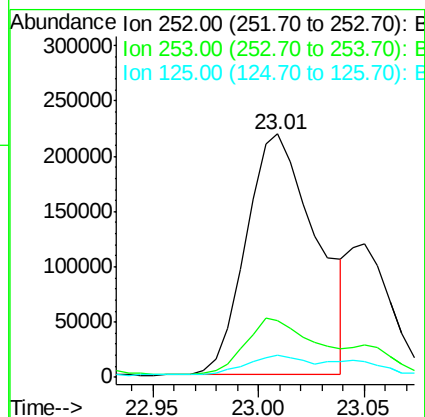
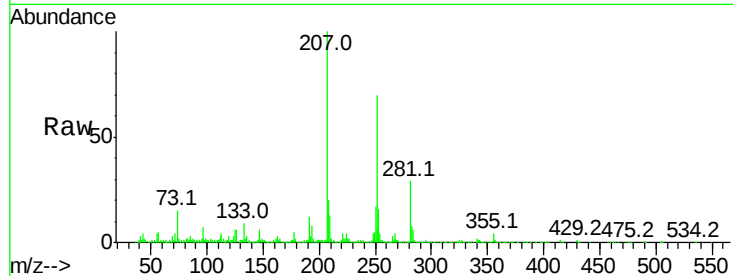
#85
Benzo(b)fluoranthene
Concen: 4.303 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. -0.01 min
Lab File: BM012580.D
Acq: 30 Oct 2017 19:15

Instrument :
BNA_M
ClientSampled :
ESNE1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	9.3	3.6	5.4

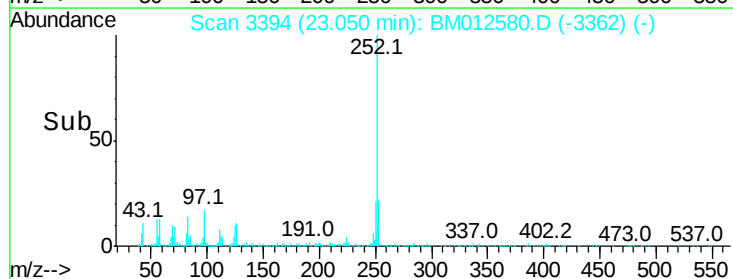
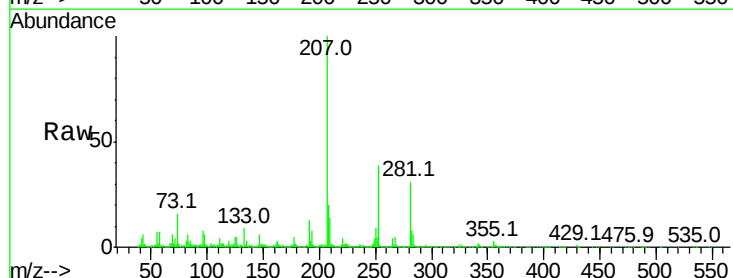
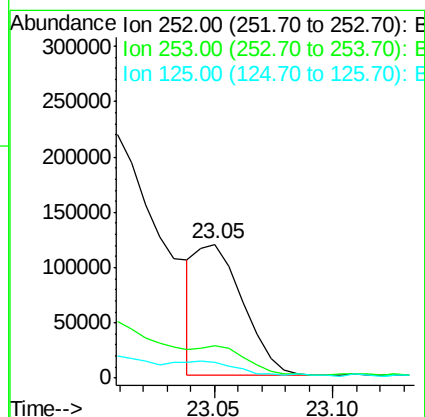
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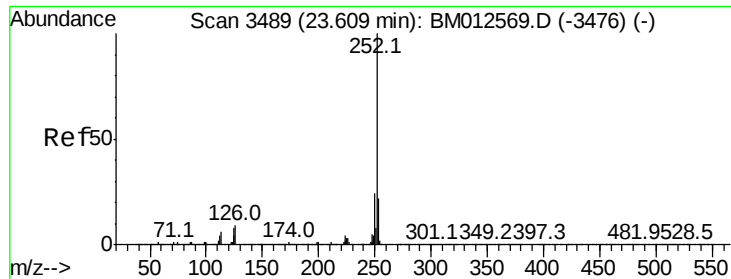
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#86
Benzo(k)fluoranthene
Concen: 1.476 ng/ul m
RT: 23.05 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BM012580.D
Acq: 30 Oct 2017 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	12.0	3.4	5.2





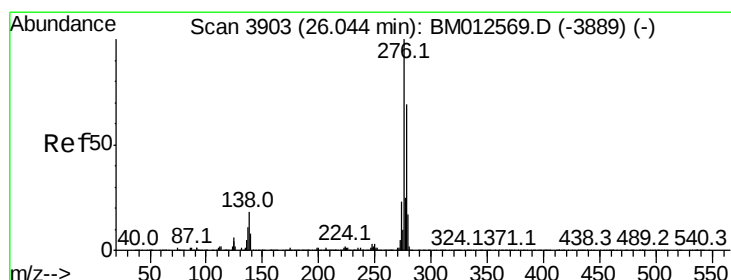
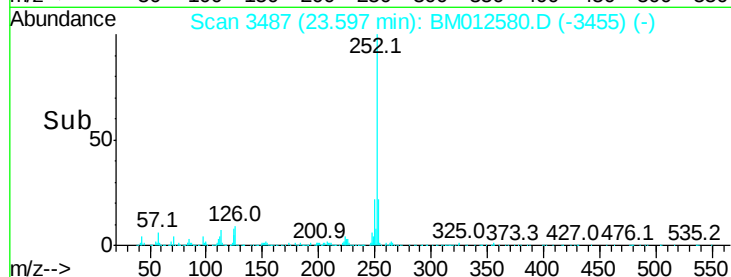
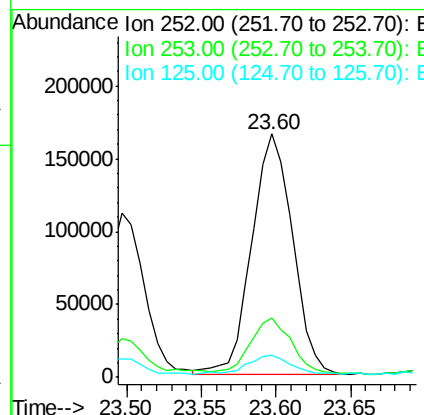
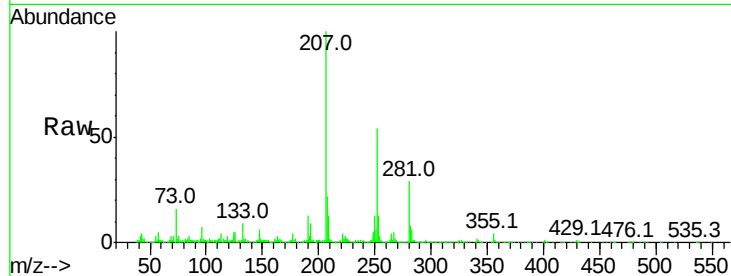
#88
Benzo(a)pyrene
Concen: 2.810 ng/ul
RT: 23.60 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM012580.D
Acq: 30 Oct 2017 19:15

Instrument :
BNA_M
ClientSampleId :
ESNE1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.4	18.2	27.2
125	9.2	4.0	6.0#

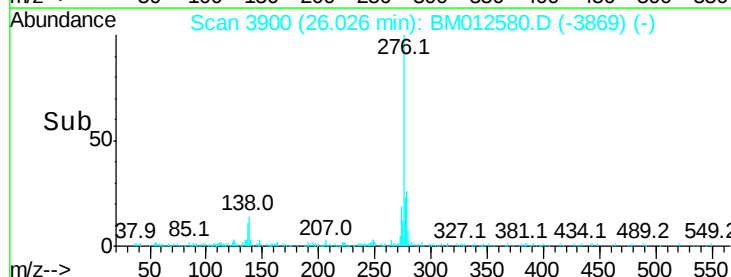
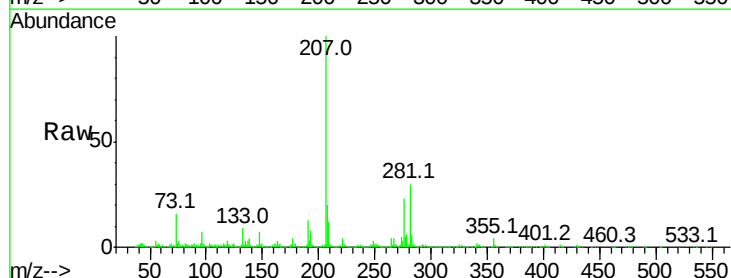
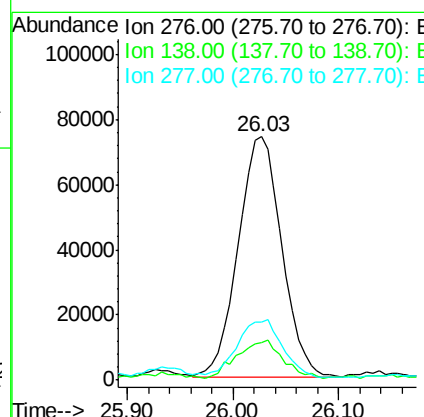
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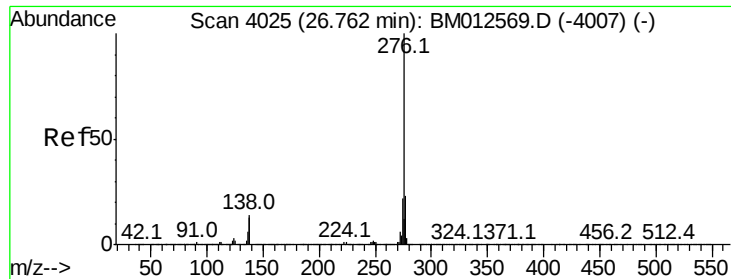
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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.615 ng/ul
RT: 26.03 min Scan# 3900
Delta R.T. -0.02 min
Lab File: BM012580.D
Acq: 30 Oct 2017 19:15

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	15.5	9.3	13.9#
277	24.1	19.9	29.9





#91
 Benzo(a,h,i)perylene
 Concen: 1.404 ng/ul
 RT: 26.74 min Scan# 4022
 Delta R.T. -0.02 min
 Lab File: BM012580.D
 Acq: 30 Oct 2017 19:15

Instrument :
 BNA_M
 ClientSampleId :
 ESNE1

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	8.5	12.7#
277	22.7	18.6	28.0

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