

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012204.D
 Acq On : 15 Oct 2017 12:11
 Operator : SJ/JU
 Sample : I5548-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:48:51 PM

Quant Time: Oct 16 02:40:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 16 01:56:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	152260	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	647061	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	412958	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	972482	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	811411	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	748641	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	9305m	2.90	ng/uL	0.00
5) Phenol-d5	6.99	99	196141	15.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	107996	14.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	182310	17.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	160388	15.08	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	85044	17.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	99102	17.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	203623	18.49	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	89270m	8.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	678679	18.59	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	850762	19.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	75270m	13.72	ng/ul	0.01
57) Fluorene-d10	15.46	176	603658	20.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	25713	3.85	ng/ul	0.01
70) Anthracene-d10	17.32	188	931772	19.38	ng/ul	0.00
76) Pyrene-d10	19.61	212	938753	22.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	687573	19.05	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.02	94	20524m	1.607	ng/ul	
44) Dimethylphthalate	13.92	163	289556	7.919	ng/ul	99
69) Phenanthrene	17.26	178	185075	3.345	ng/ul	99
74) Fluoranthene	19.27	202	957512	14.342	ng/ul#	96
77) Pyrene	19.64	202	817110	15.248	ng/ul#	96
80) Benzo(a)anthracene	21.38	228	383464m	7.263	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.29	149	663323	18.532	ng/ul	100
82) Chrysene	21.43	228	680016	13.718	ng/ul	97
85) Benzo(b)fluoranthene	23.02	252	1111377	22.748	ng/ul#	95
86) Benzo(k)fluoranthene	23.05	252	285689m	6.068	ng/ul	
88) Benzo(a)pyrene	23.62	252	551821	11.984	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	511261	10.456	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.08	278	119298	2.902	ng/ul#	71
91) Benzo(g,h,i)perylene	26.82	276	482558	12.049	ng/ul#	93

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

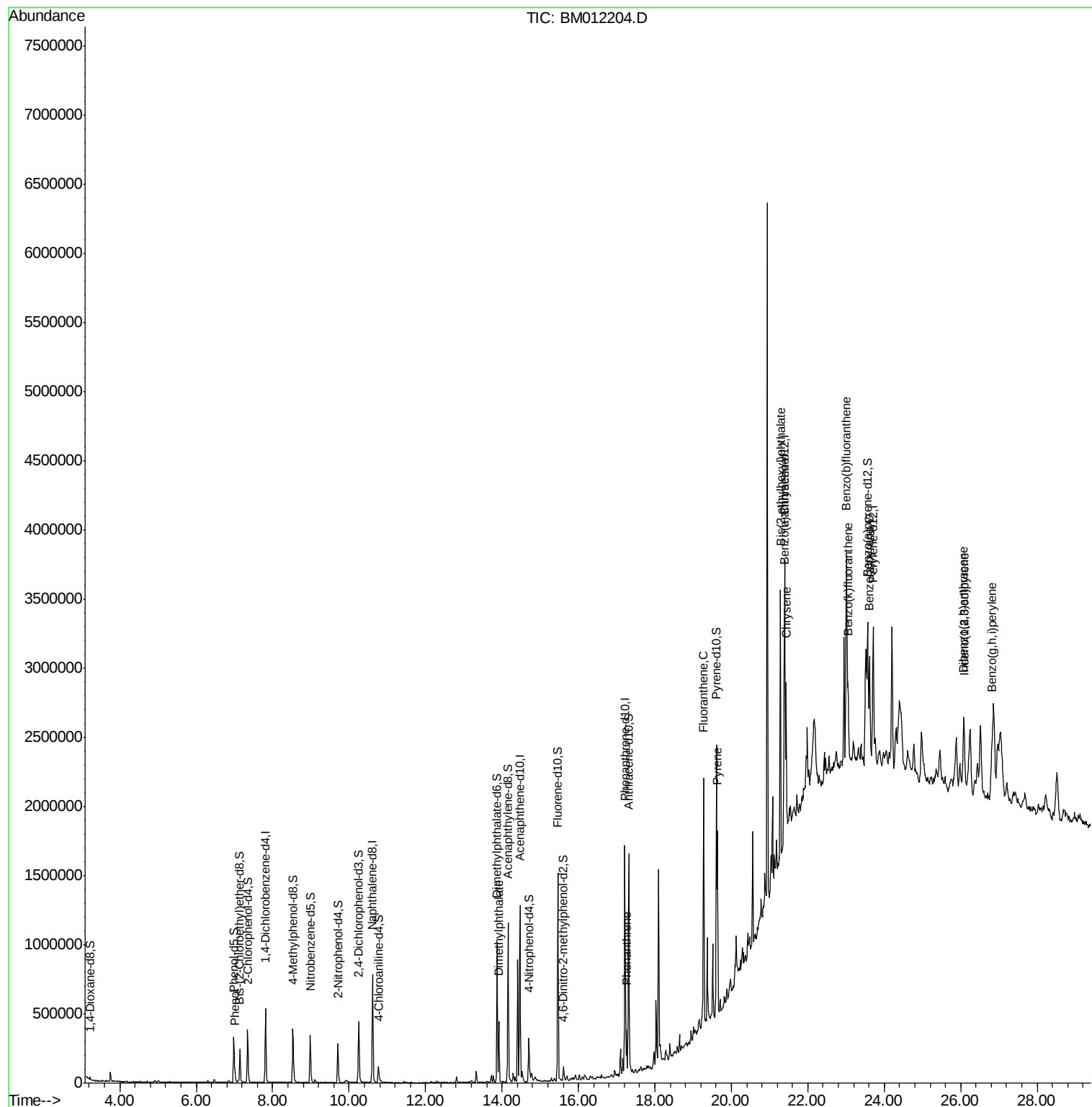
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012204.D
Acq On : 15 Oct 2017 12:11
Operator : SJ/JU
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ALS Vial : 36 Sample Multiplier: 1

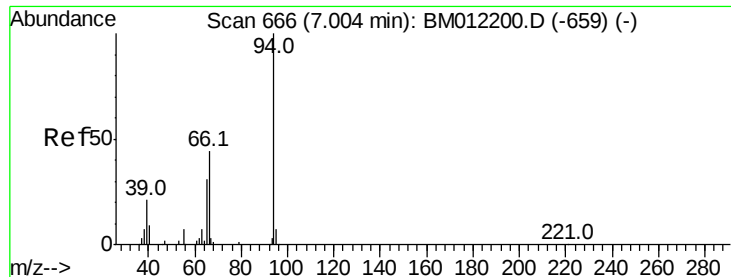
Instrument :
BNA_M
ClientSampleId :
C0AC9

Manual Integrations
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Quant Time: Oct 16 02:40:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.607 ng/ul m

RT: 7.02 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Instrument :

BNA_M

ClientSampled :

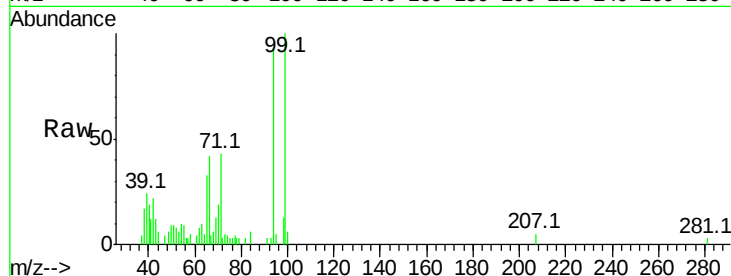
C0AC9

Tot Ion: 94 Resp: 20524

Ion	Ratio	Lower	Upper
94	100		
65	35.3	28.2	42.4
66	45.7	47.2	70.8#

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Abundance Ion 94.00 (93.70 to 94.70): BM012200.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM012200.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM012200.D (-659) (-)

7.02

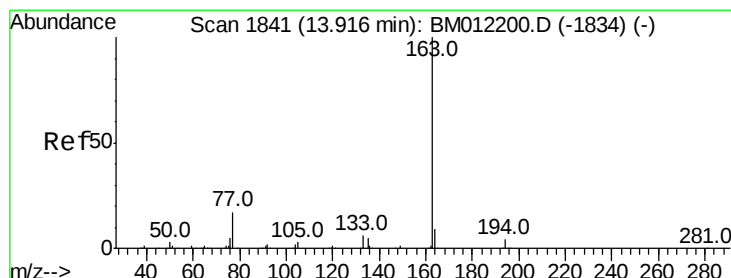
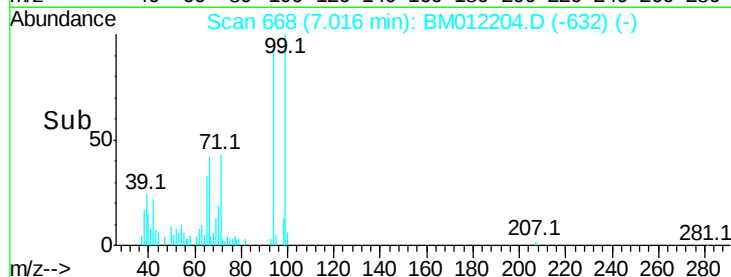
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5000

0

6.95 7.00 7.05 7.10

Time-->



#44

Dimethylphthalate

Concen: 7.919 ng/ul

RT: 13.92 min Scan# 1841

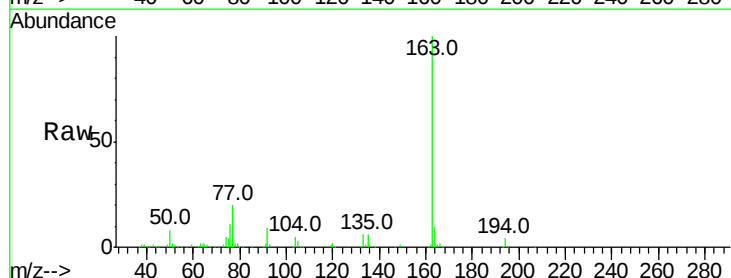
Delta R.T. 0.00 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Tgt Ion: 163 Resp: 289556

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.6	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): BM012200.D (-1834) (-)

Ion 194.00 (193.70 to 194.70): BM012200.D (-1834) (-)

Ion 164.00 (163.70 to 164.70): BM012200.D (-1834) (-)

13.92

250000

200000

150000

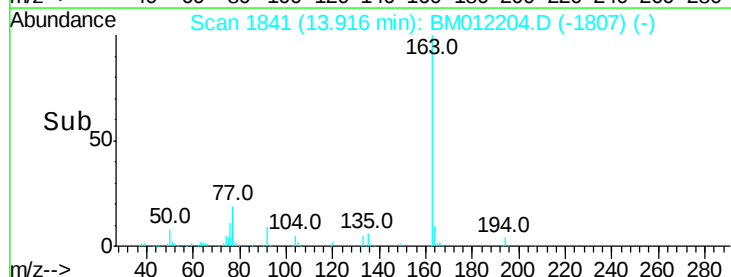
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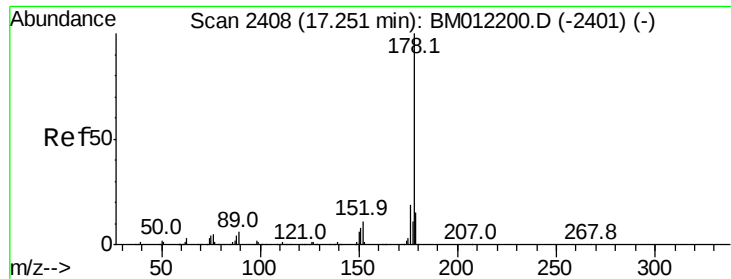
50000

0

13.90 14.00

Time-->





#69

Phenanthrene

Concen: 3.345 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Instrument :

BNA_M

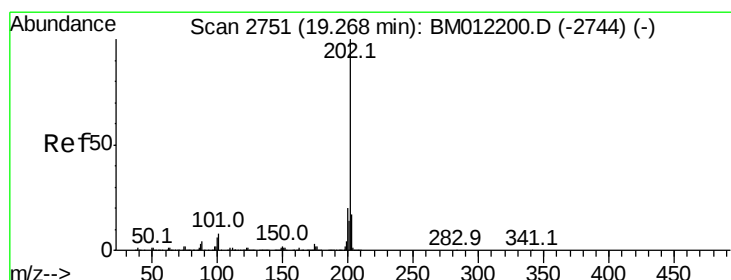
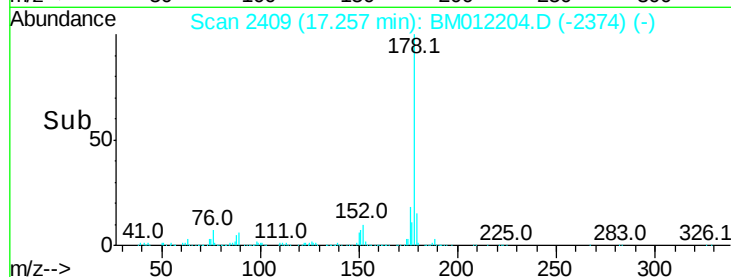
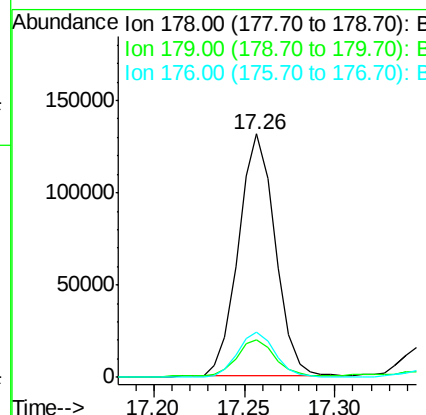
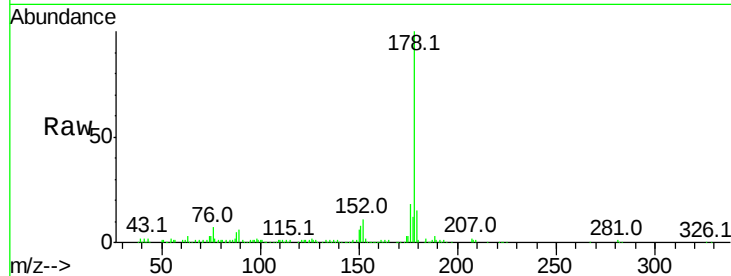
ClientSampleId :

C0AC9

Tot Ion:	178	Resp:	185075
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	19.0
176	18.4	14.9	22.3

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#74

Fluoranthene

Concen: 14.342 ng/ul

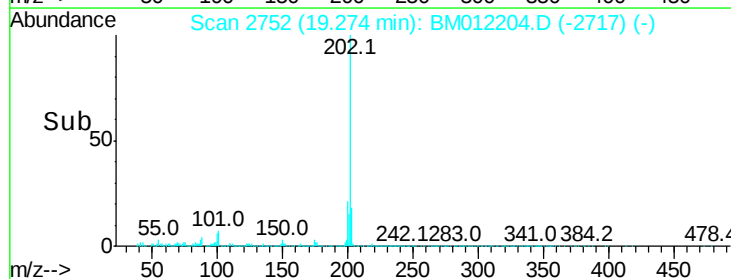
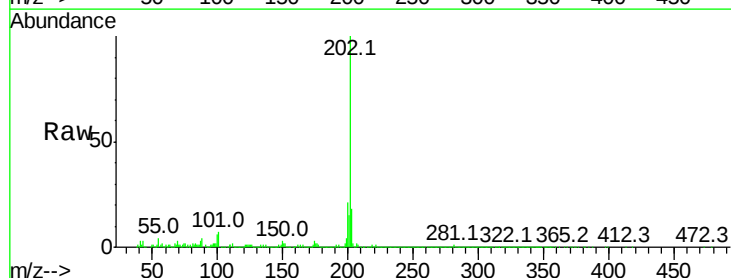
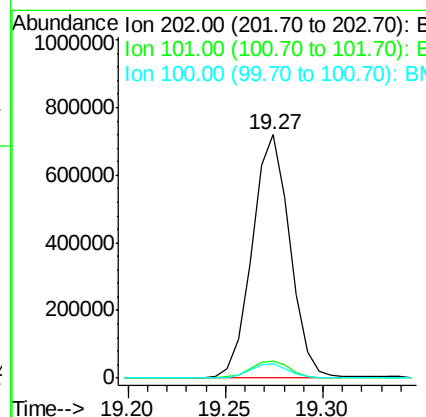
RT: 19.27 min Scan# 2752

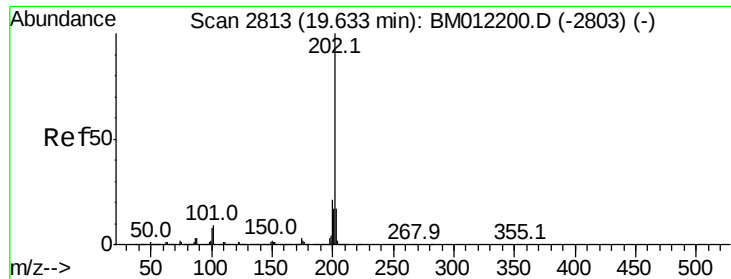
Delta R.T. 0.01 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Tgt Ion:	202	Resp:	957512
Ion Ratio	Lower	Upper	
202	100		
101	7.2	4.6	7.0#
100	5.7	3.4	5.2#





#77

Pvrene

Concen: 15.248 ng/ul

RT: 19.64 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Instrument :

BNA_M

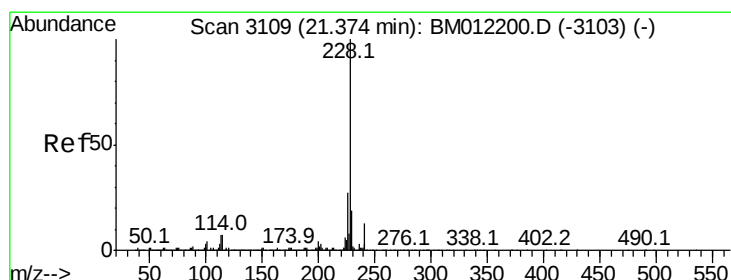
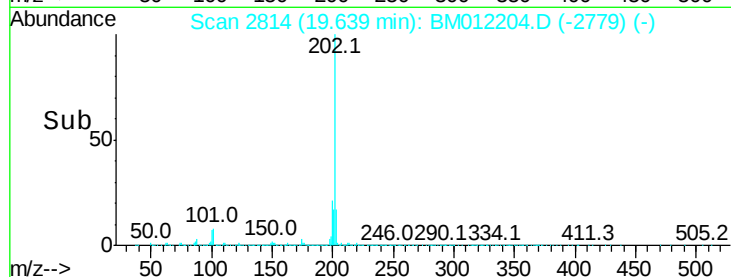
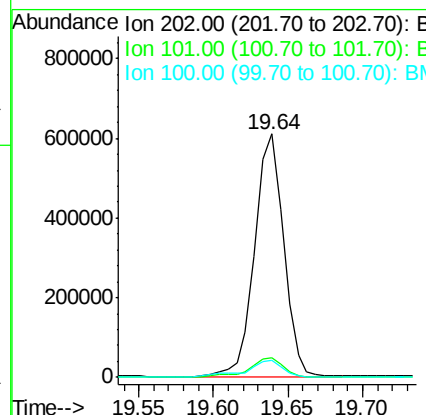
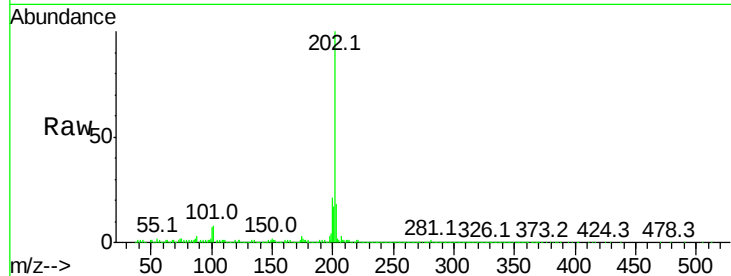
ClientSampleId :

C0AC9

Tot Ion:	202	Resp:	817110
Ion Ratio	Lower	Upper	
202	100		
101	8.0	5.1	7.7#
100	7.1	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 7.263 ng/ul m

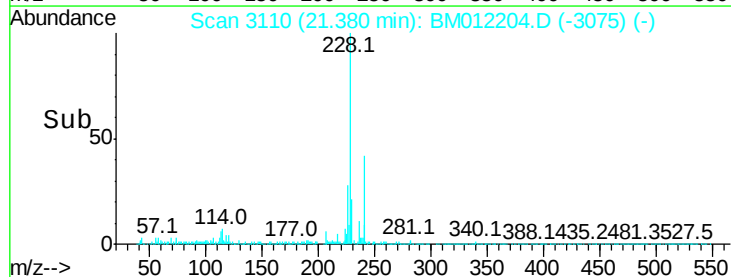
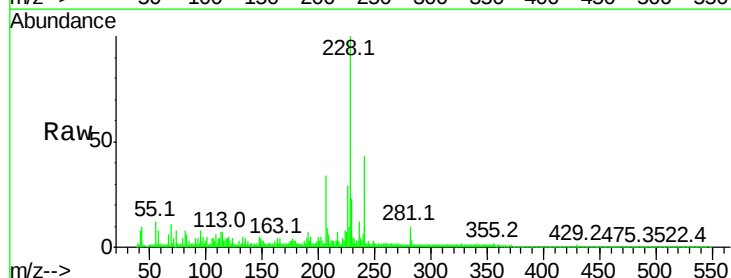
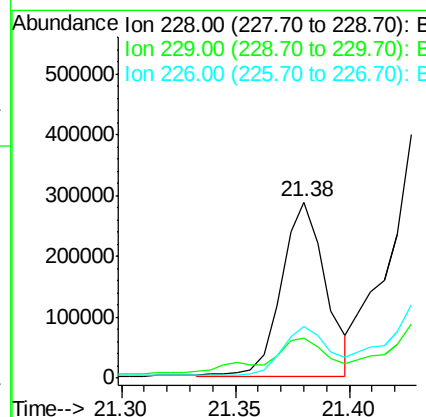
RT: 21.38 min Scan# 3110

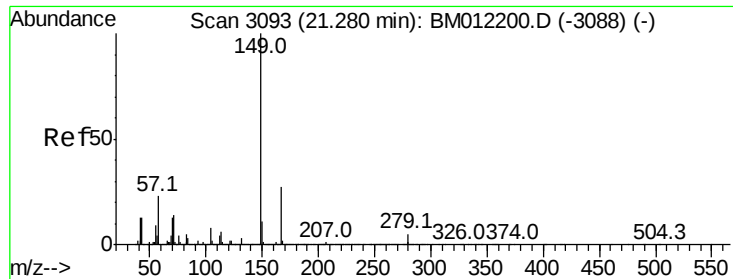
Delta R.T. 0.01 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Tgt Ion:	228	Resp:	383464
Ion Ratio	Lower	Upper	
228	100		
229	23.2	15.4	23.0#
226	29.3	21.4	32.0





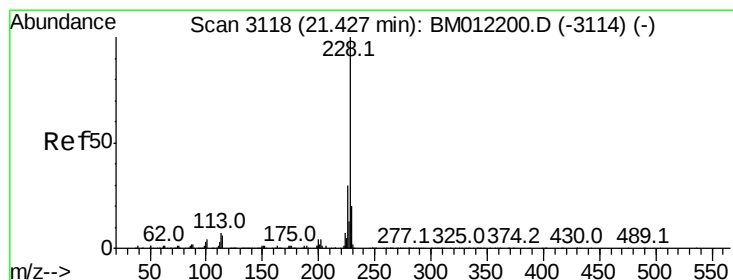
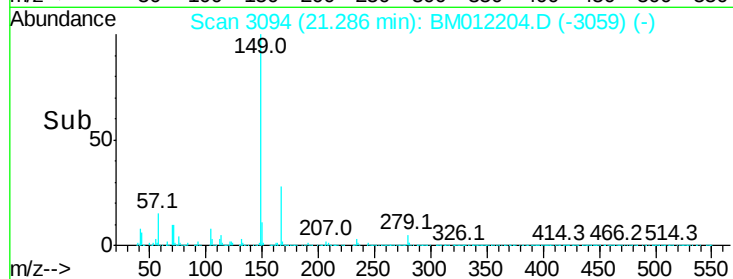
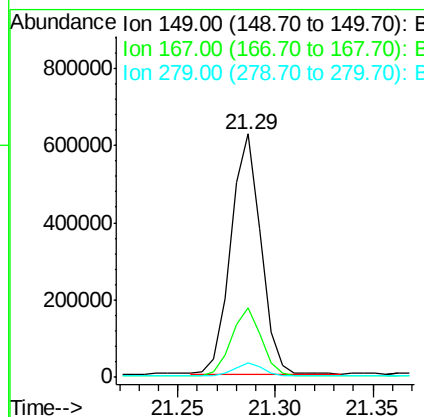
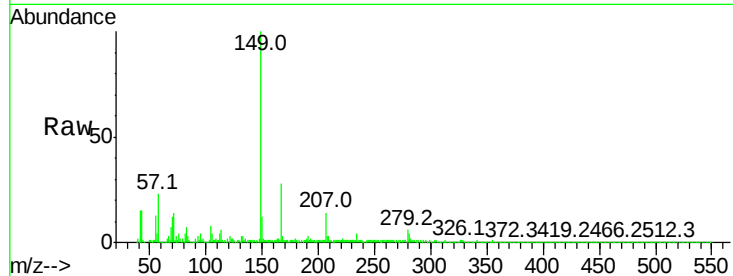
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 18.532 ng/ul
 RT: 21.29 min Scan# 3094
 Delta R.T. 0.01 min
 Lab File: BM012204.D
 Acq: 15 Oct 2017 12:11

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.8	34.2
279	5.7	4.9	7.3

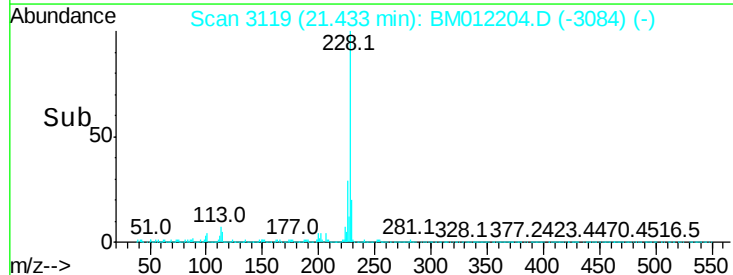
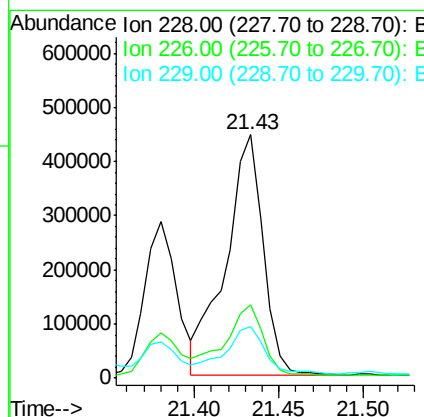
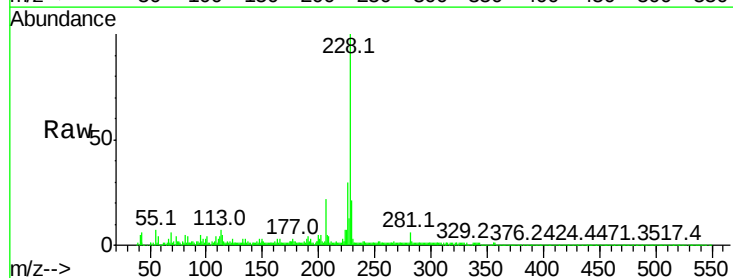
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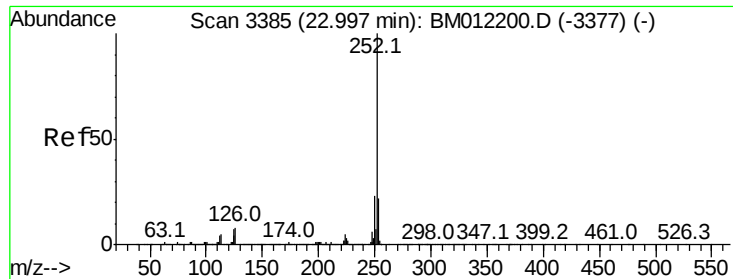
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#82
 Chrysene
 Concen: 13.718 ng/ul
 RT: 21.43 min Scan# 3119
 Delta R.T. 0.01 min
 Lab File: BM012204.D
 Acq: 15 Oct 2017 12:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	21.3	15.5	23.3





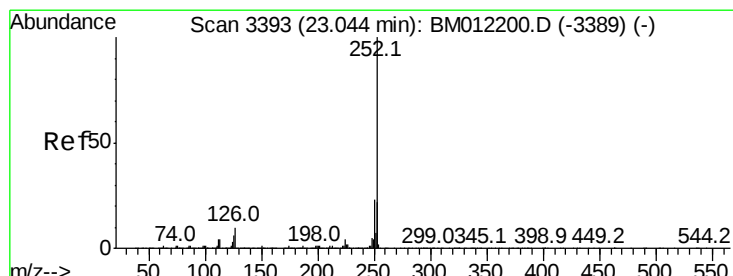
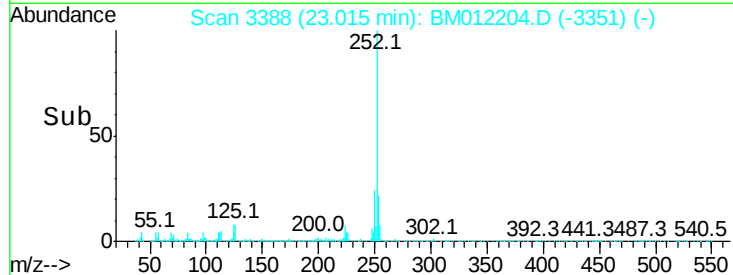
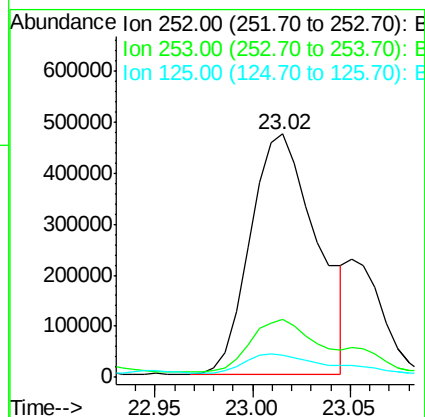
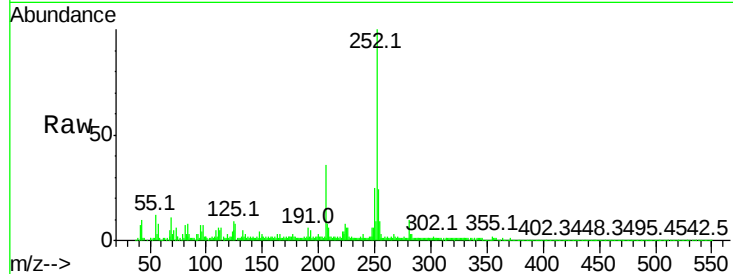
#85
Benzo(b)fluoranthene
Concen: 22.748 ng/ul
RT: 23.02 min Scan# 3388
Delta R.T. 0.02 min
Lab File: BM012204.D
Acq: 15 Oct 2017 12:11

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tot Ion:252 Resp: 1111377
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 9.3 3.6 5.4#

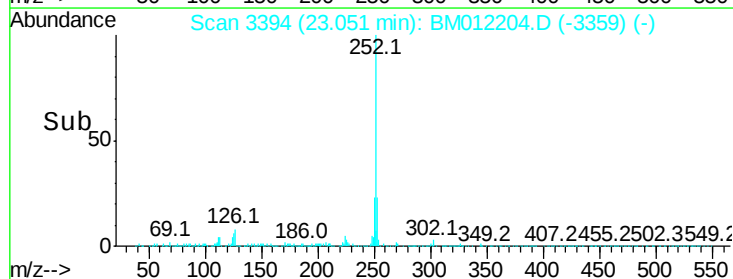
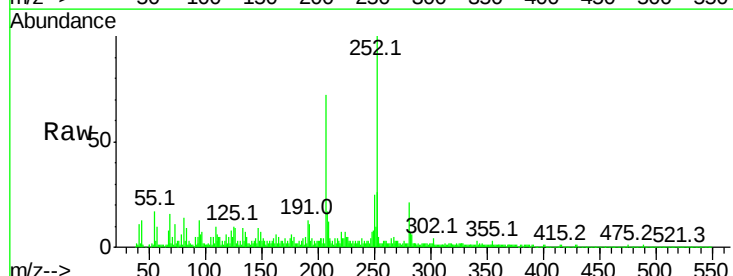
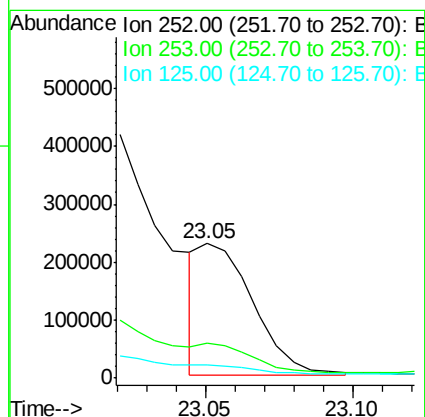
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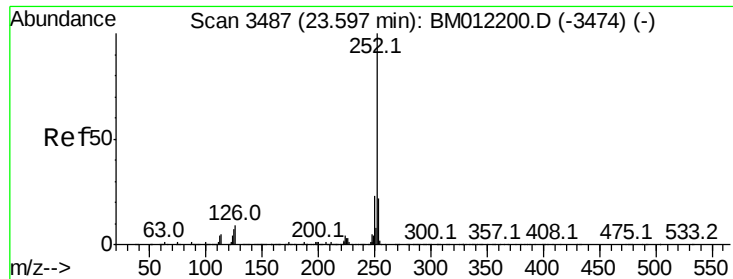
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#86
Benzo(k)fluoranthene
Concen: 6.068 ng/ul m
RT: 23.05 min Scan# 3394
Delta R.T. 0.01 min
Lab File: BM012204.D
Acq: 15 Oct 2017 12:11

Tgt Ion:252 Resp: 285689
Ion Ratio Lower Upper
252 100
253 25.6 17.1 25.7
125 9.7 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 11.984 ng/ul

RT: 23.62 min Scan# 3490

Delta R.T. 0.02 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Instrument :

BNA_M

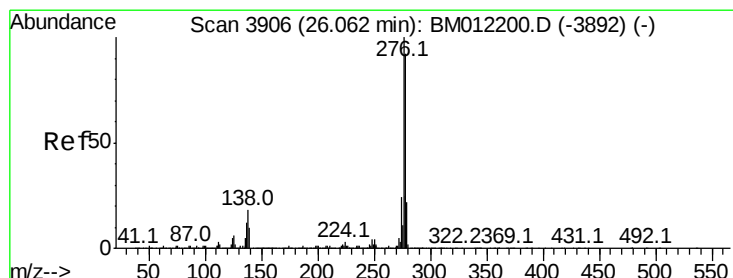
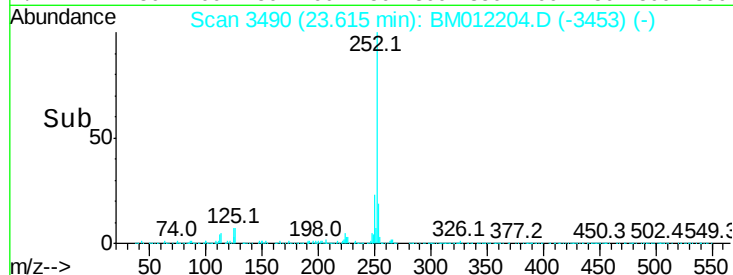
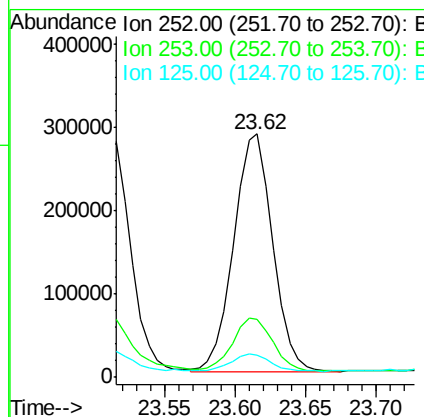
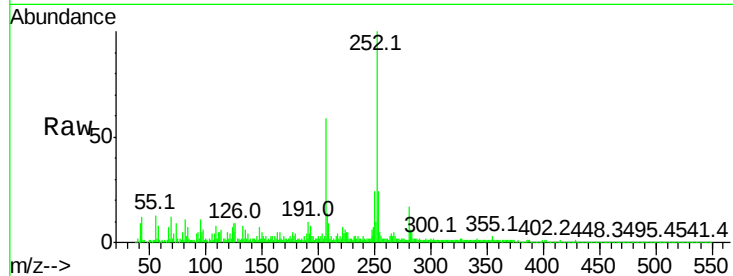
ClientSampleId :

C0AC9

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	18.2	27.2
125	9.2	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 10.456 ng/ul

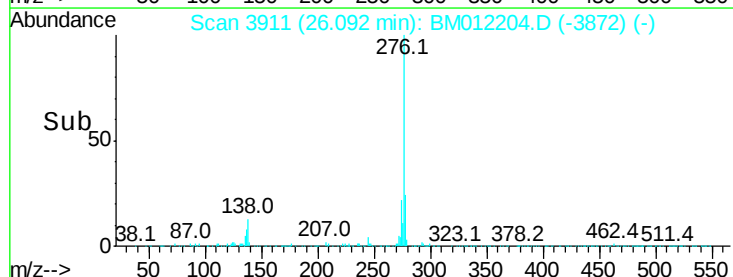
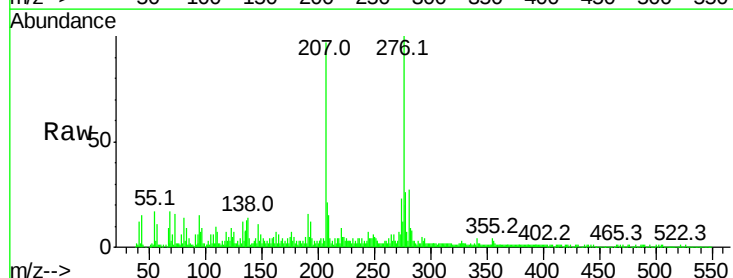
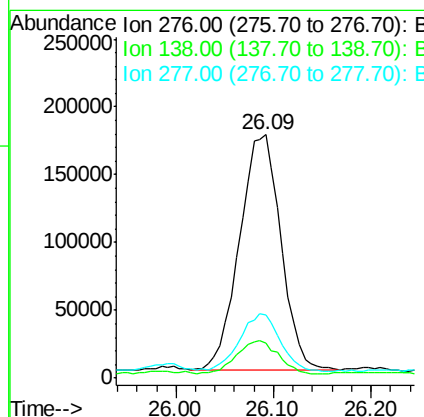
RT: 26.09 min Scan# 3911

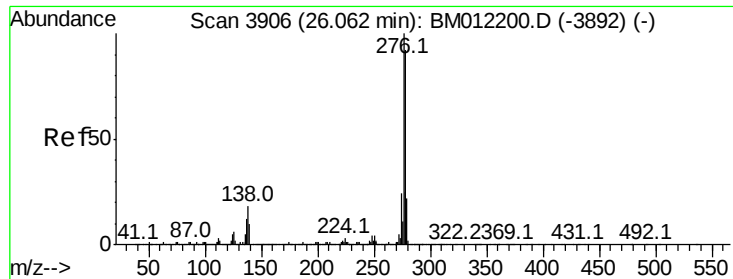
Delta R.T. 0.03 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.3	9.3	13.9#
277	26.1	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 2.902 ng/ul

RT: 26.08 min Scan# 3909

Delta R.T. 0.02 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Instrument :

BNA_M

ClientSampleId :

C0AC9

Tot Ion:278 Resp: 119298

Ion Ratio Lower Upper

278 100

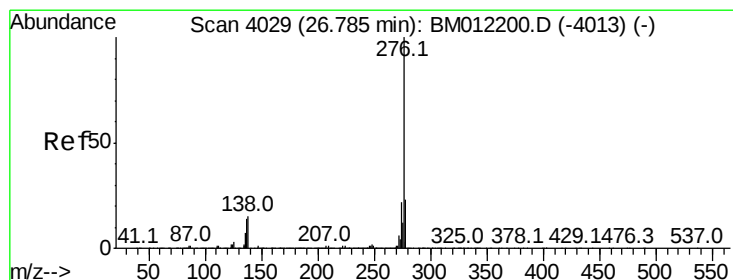
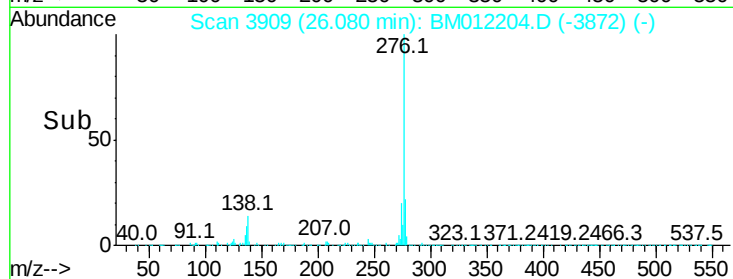
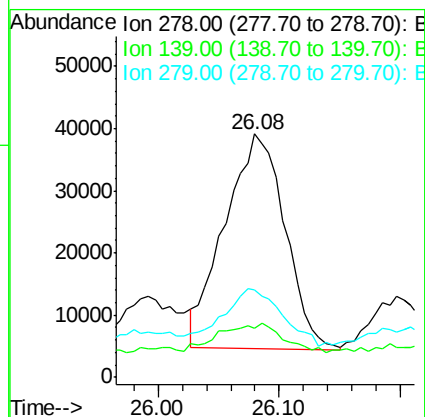
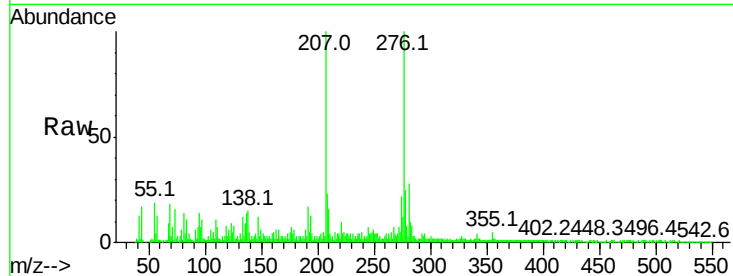
139 20.2 5.8 8.8#

279 36.1 18.6 27.8#

Manual Integrations
APPROVED

Sohil

10/16/2017 7:48:51 PM



#91

Benzo(g,h,i)perylene

Concen: 12.049 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. 0.04 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Tgt Ion:276 Resp: 482558

Ion Ratio Lower Upper

276 100

138 15.0 8.5 12.7#

277 26.0 18.6 28.0

