

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
 Data File : BM016136.D
 Acq On : 01 Aug 2018 11:25
 Operator : SJ/JU
 Sample : J4172-05RX
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0D03RX

Manual Integrations
 APPROVED

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Quant Time: Aug 01 17:24:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 31 06:41:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	43466	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	192822	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	105901	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	232812m	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	254929	20.00	ng/ul	0.00
85) Perylene-d12	24.03	264	216705	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	3469	3.51	ng/uL	0.00
5) Phenol-d5	7.36	99	58614	14.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	48018	19.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	46571	14.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	54427	16.00	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	30099	21.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	18223	11.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	39130	12.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	70790	19.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	198727	20.59	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	230359	20.92	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.81	176	167996	20.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	929	0.60	ng/ul	0.03
70) Anthracene-d10	17.65	188	251603	21.11	ng/ul	0.00
78) Pyrene-d10	19.92	212	300350	25.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.88	264	254111	21.32	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.27	163	23904	2.501 ng/ul	99
69) Phenanthrene	17.60	178	29615m	2.152 ng/ul	
76) Fluoranthene	19.59	202	82143	4.755 ng/ul#	93
79) Pyrene	19.94	202	78654	5.234 ng/ul#	94
82) Benzo(a)anthracene	21.66	228	46407	2.816 ng/ul	97
84) Chrysene	21.71	228	42363	2.748 ng/ul	98
87) Benzo(b)fluoranthene	23.32	252	54763	3.940 ng/ul#	92
88) Benzo(k)fluoranthene	23.36	252	15997m	1.204 ng/ul	
90) Benzo(a)pyrene	23.93	252	37147	2.779 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.44	276	24802	1.509 ng/ul#	93
93) Benzo(g,h,i)perylene	27.19	276	20910	1.591 ng/ul	97

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

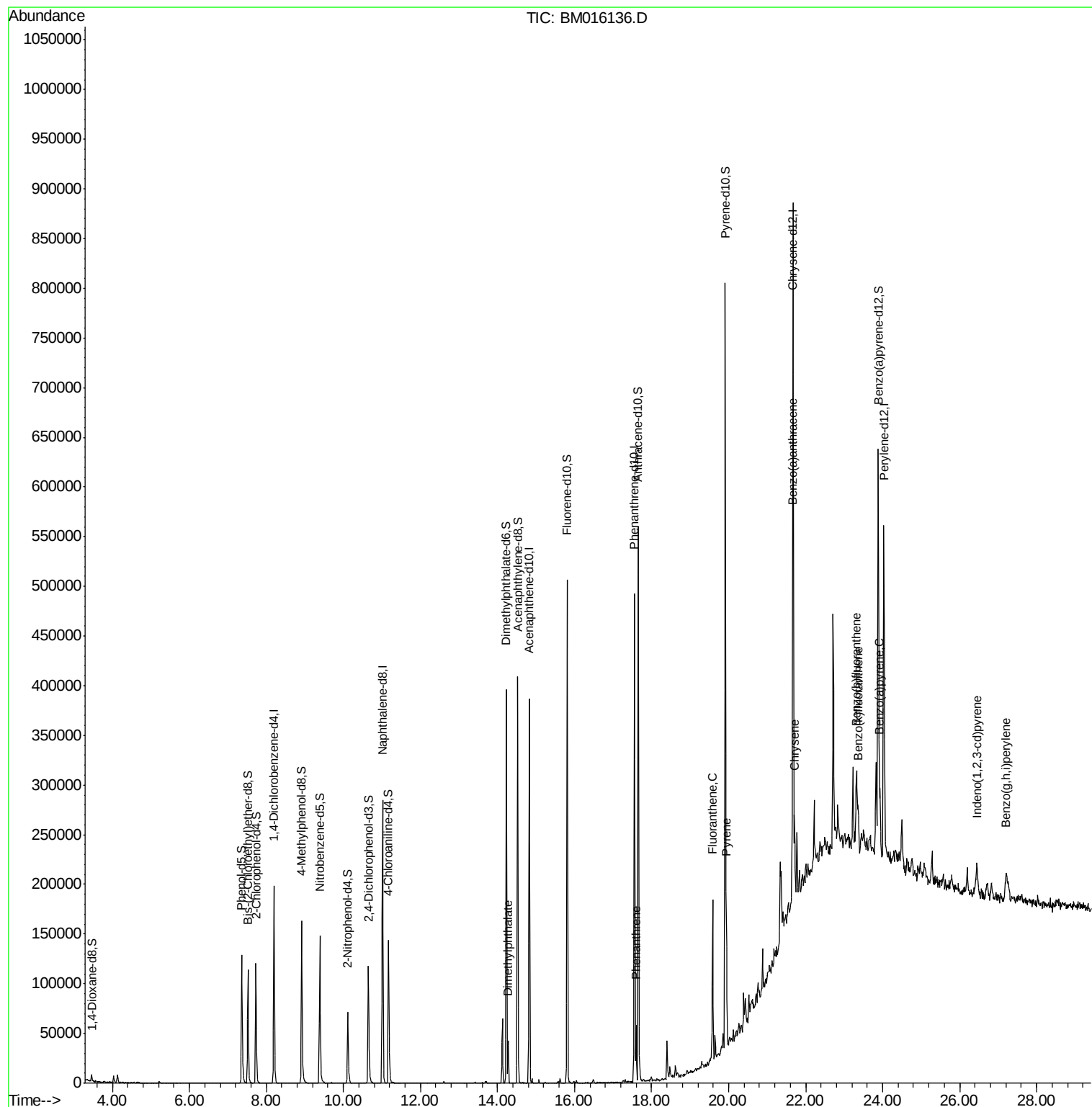
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016136.D
Acq On : 01 Aug 2018 11:25
Operator : SJ/JU
Sample : J4172-05RX
Misc :
ALS Vial : 3 Sample Multiplier: 1

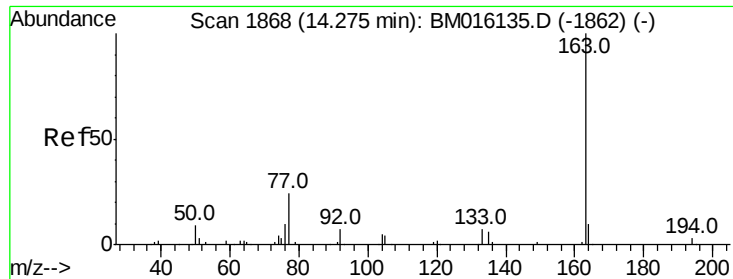
Instrument :
BNA_M
ClientSampleId :
C0D03RX

Quant Time: Aug 01 17:24:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
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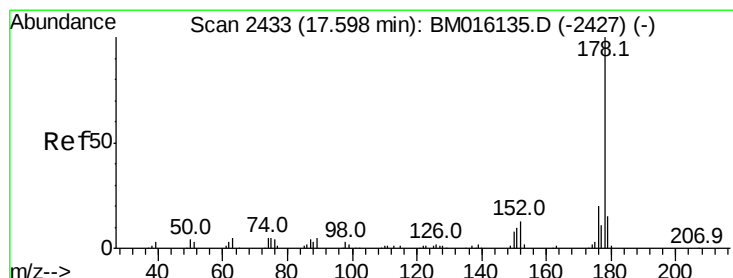
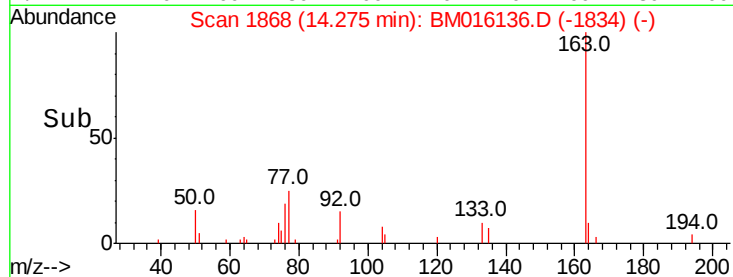
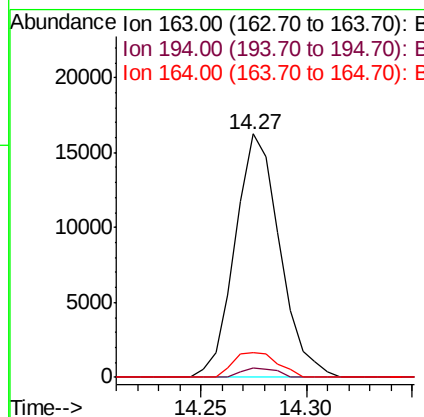
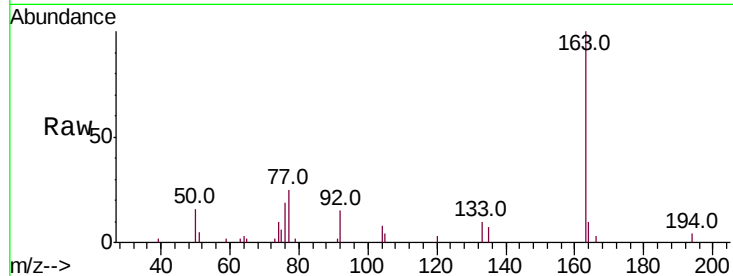
#44
Dimethylphthalate
Concen: 2.501 ng/ul
RT: 14.27 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BM016136.D
Acq: 01 Aug 2018 11:25

Instrument :
BNA_M
ClientSampleId :
C0D03RX

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.4	7.8	11.8

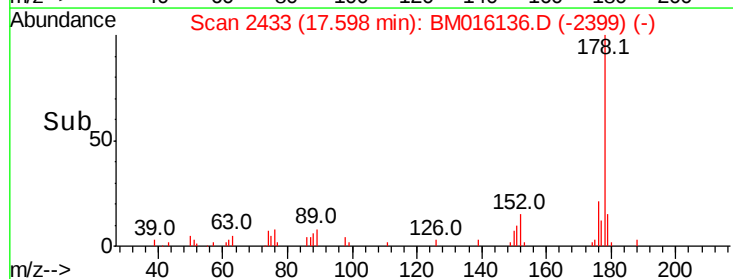
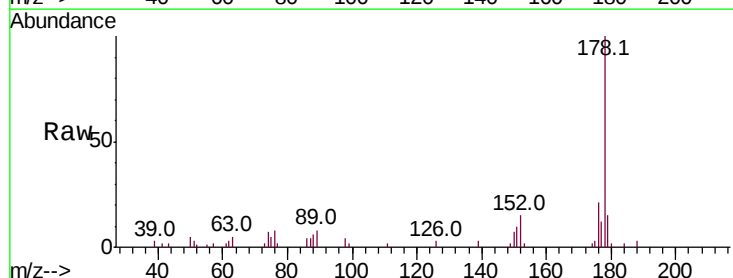
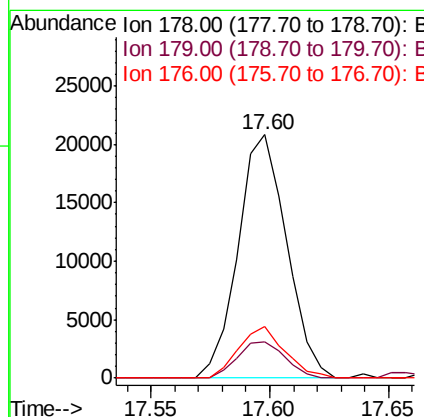
Manual Integrations
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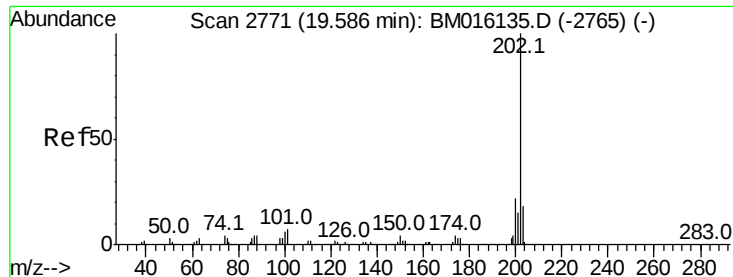
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#69
Phenanthrene
Concen: 2.152 ng/ul m
RT: 17.60 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BM016136.D
Acq: 01 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.4
176	21.2	15.6	23.4





#76

Fluoranthene

Concen: 4.755 ng/ul

RT: 19.59 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BM016136.D

Acq: 01 Aug 2018 11:25

Instrument :

BNA_M

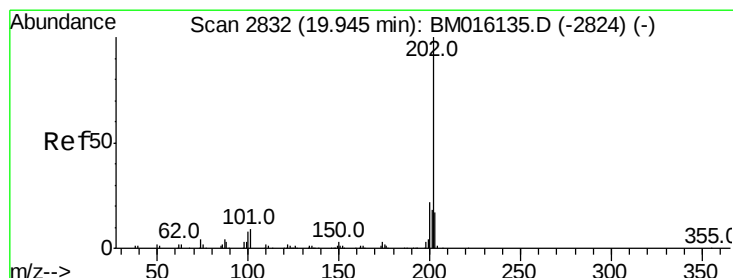
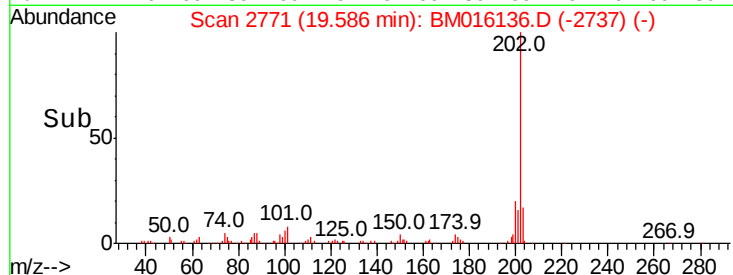
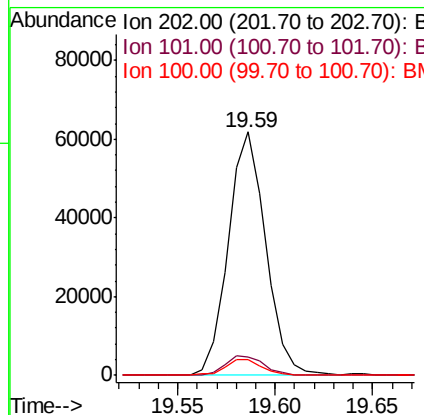
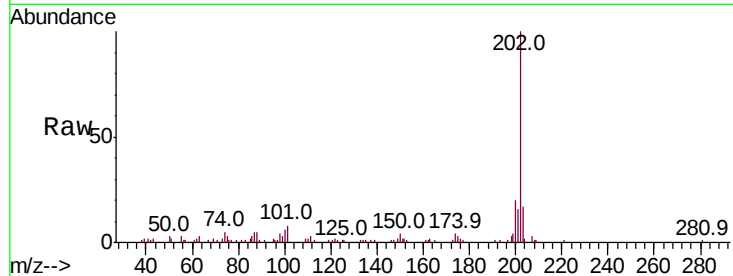
ClientSampleId :

C0D03RX

Tot Ion:	202	Resp:	82143
Ion Ratio	Lower	Upper	
202	100		
101	7.7	8.8	13.2#
100	6.3	6.6	9.8#

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#79

Pyrene

Concen: 5.234 ng/ul

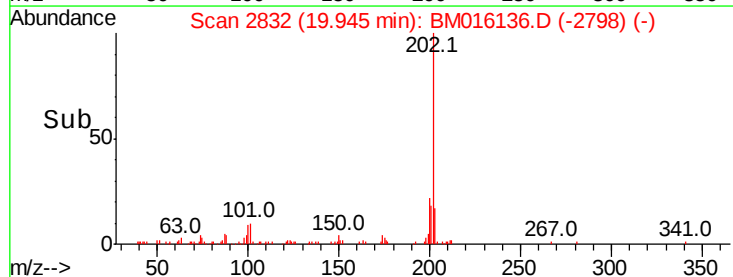
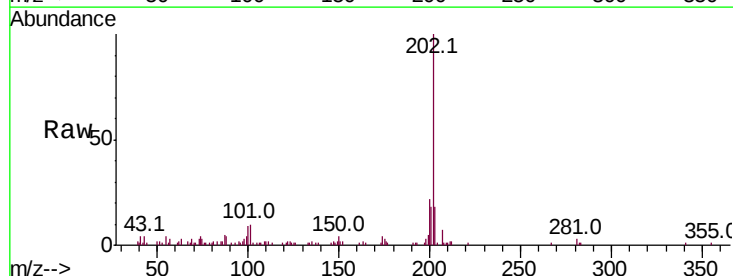
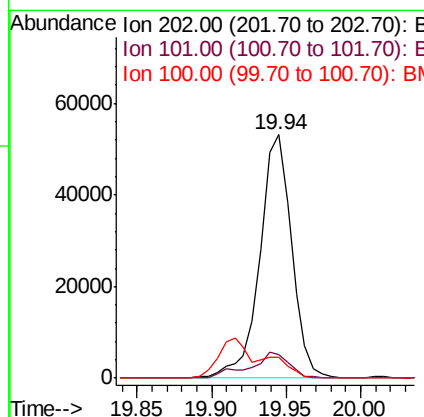
RT: 19.94 min Scan# 2832

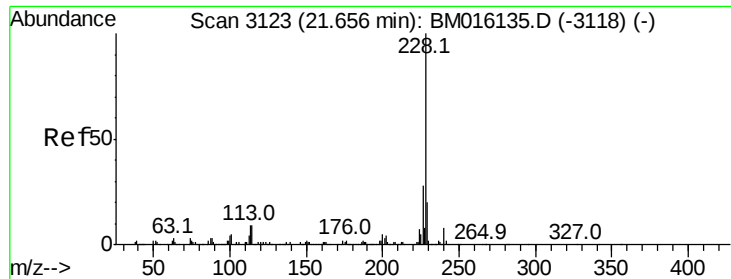
Delta R.T. 0.00 min

Lab File: BM016136.D

Acq: 01 Aug 2018 11:25

Tgt Ion:	202	Resp:	78654
Ion Ratio	Lower	Upper	
202	100		
101	9.6	10.2	15.2#
100	8.8	8.5	12.7





#82

Benzo(a)anthracene

Concen: 2.816 ng/ul

RT: 21.66 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM016136.D

Acq: 01 Aug 2018 11:25

Instrument :

BNA_M

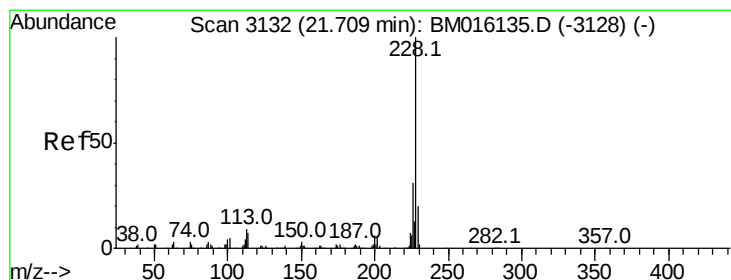
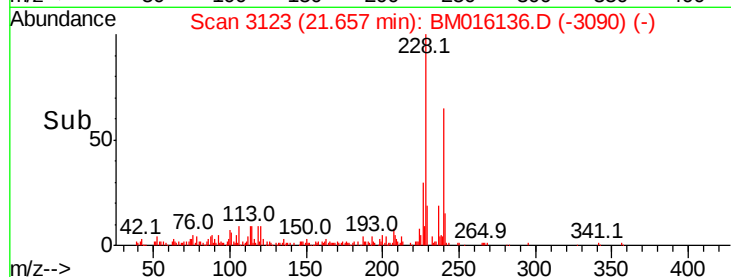
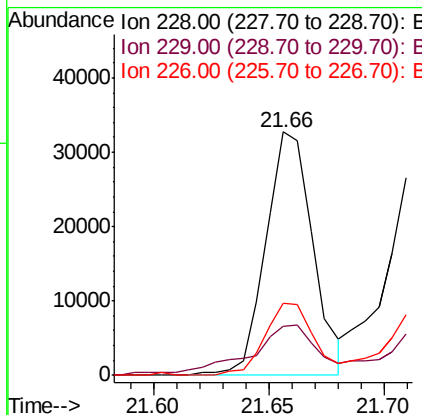
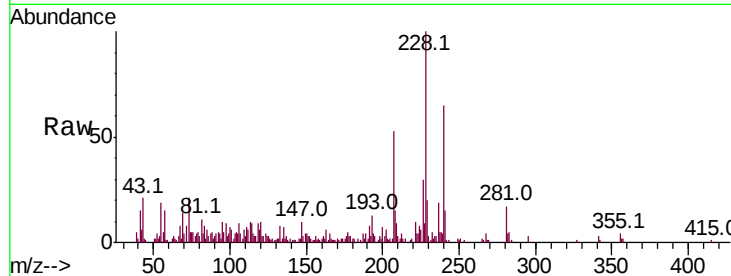
ClientSampleId :

C0D03RX

Tot Ion:	228	Resp:	46407
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.7	23.5
226	29.8	21.8	32.6

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#84

Chrysene

Concen: 2.748 ng/ul

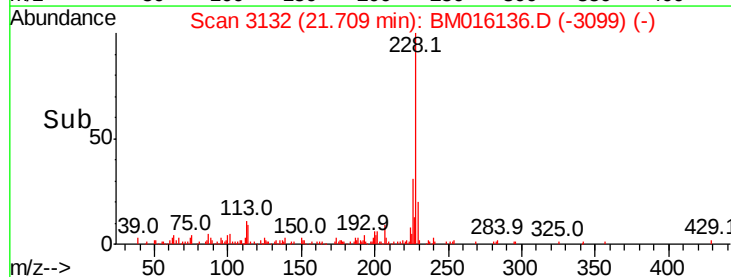
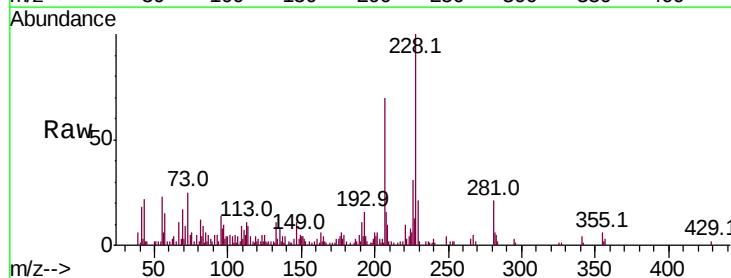
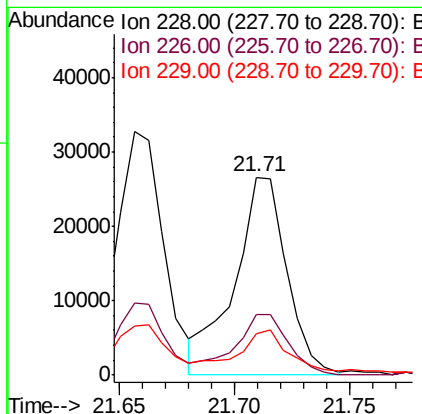
RT: 21.71 min Scan# 3132

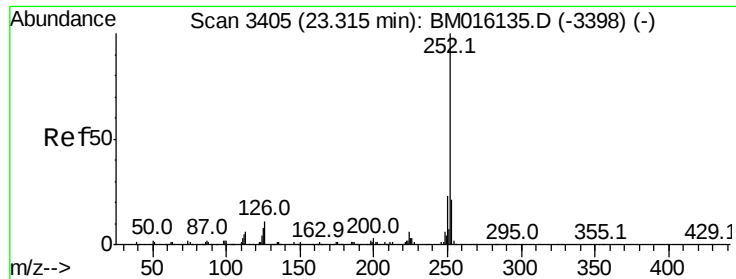
Delta R.T. -0.01 min

Lab File: BM016136.D

Acq: 01 Aug 2018 11:25

Tgt Ion:	228	Resp:	42363
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.0	36.0
229	20.9	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 3.940 ng/ul

RT: 23.32 min Scan# 3406

Delta R.T. 0.00 min

Lab File: BM016136.D

Acq: 01 Aug 2018 11:25

Instrument :

BNA_M

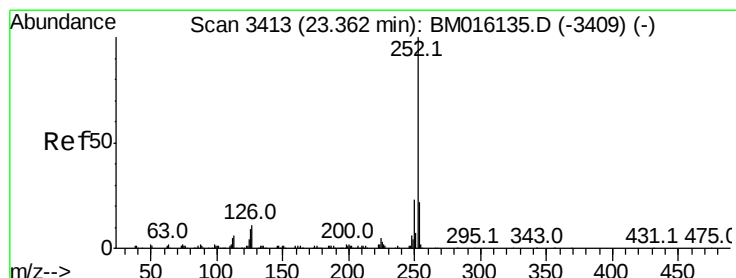
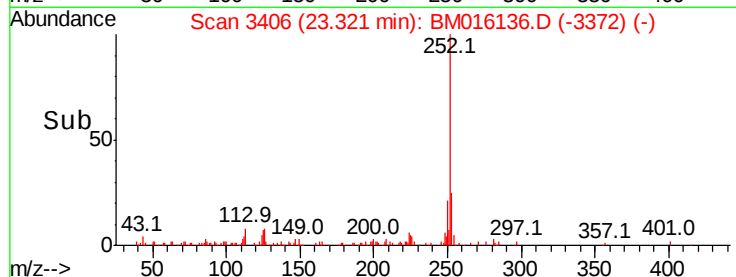
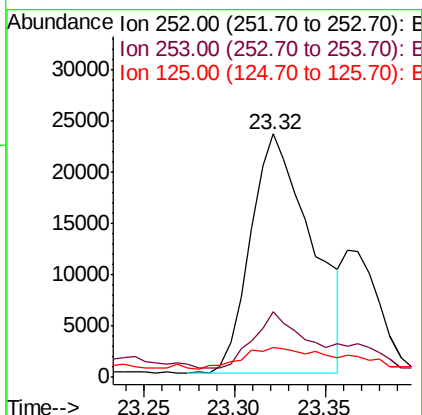
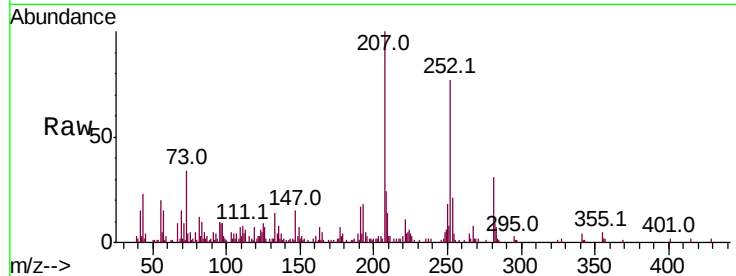
ClientSampleId :

C0D03RX

Tot Ion:	252	Resp:	54763
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.5	26.3#
125	12.1	8.5	12.7

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 1.204 ng/ul m

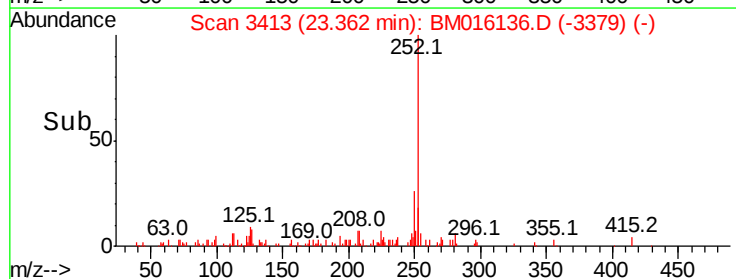
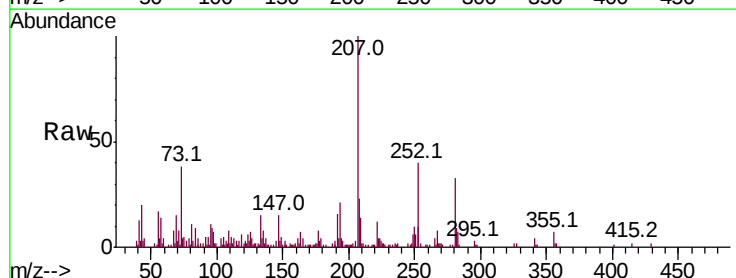
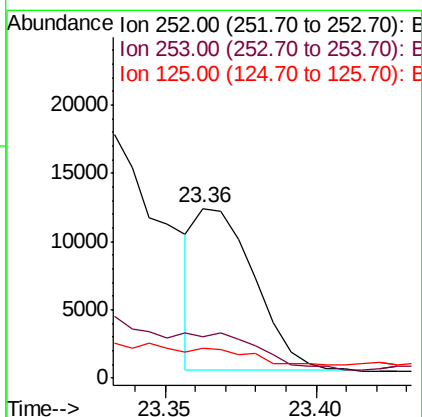
RT: 23.36 min Scan# 3413

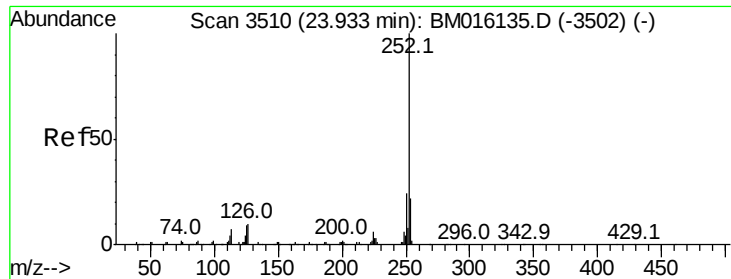
Delta R.T. 0.00 min

Lab File: BM016136.D

Acq: 01 Aug 2018 11:25

Tgt Ion:	252	Resp:	15997
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.3	25.9
125	17.2	8.2	12.2#





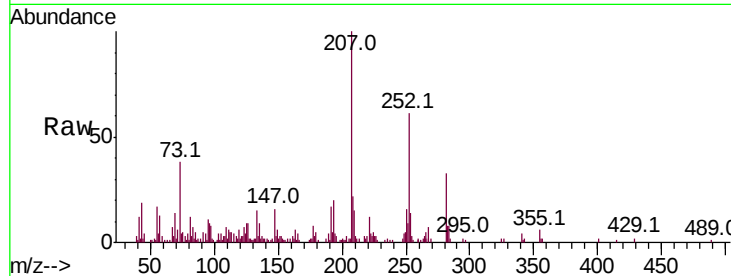
#90
Benzo(a)pyrene
Concen: 2.779 ng/ul
RT: 23.93 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BM016136.D
Acq: 01 Aug 2018 11:25

Instrument :
BNA_M
ClientSampled :
C0D03RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	14.2	9.0	13.6

Manual Integrations
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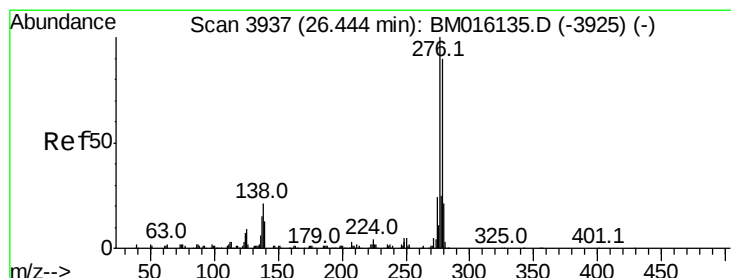
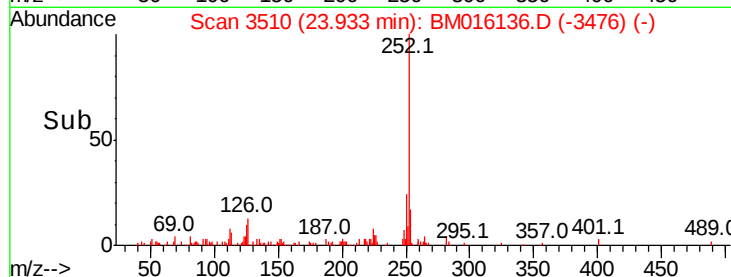
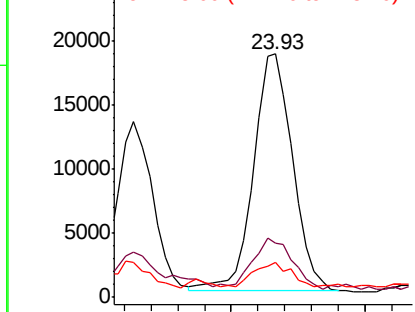


Abundance

Ion 252.00 (251.70 to 252.70): E

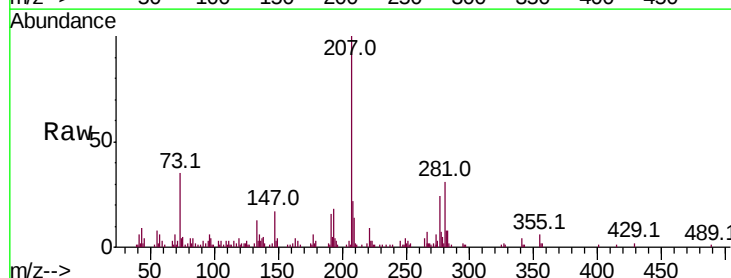
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Indeno(1,2,3-cd)pyrene
Concen: 1.509 ng/ul
RT: 26.44 min Scan# 3937
Delta R.T. -0.01 min
Lab File: BM016136.D
Acq: 01 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	22.3	33.5
277	27.1	20.2	30.2

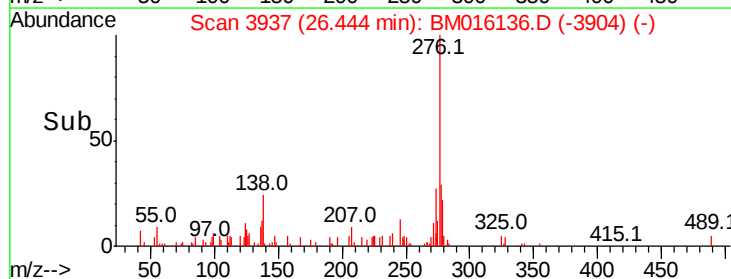
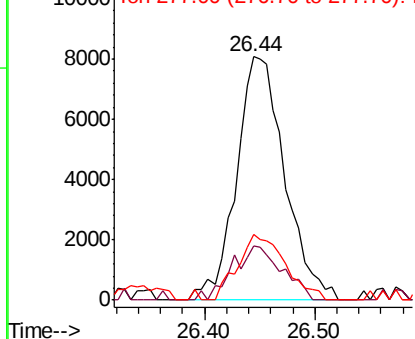


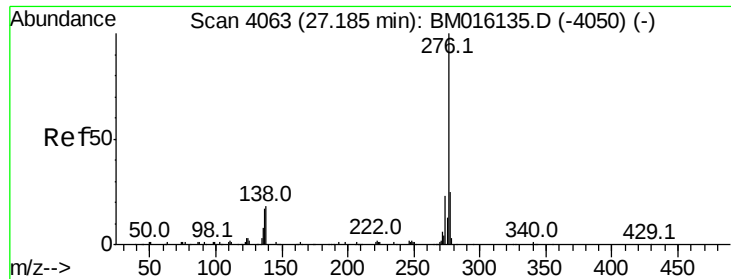
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.591 ng/ul

RT: 27.19 min Scan# 4064

Delta R.T. 0.00 min

Lab File: BM016136.D

Acq: 01 Aug 2018 11:25

Instrument :

BNA_M

ClientSampleId :

C0D03RX

Tot Ion:	276	Resp:	20910
Ion Ratio	Lower	Upper	
276	100		
138	21.4	18.9	28.3
277	22.9	19.2	28.8

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