

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020466.D
 Acq On : 21 May 2019 18:54
 Operator : JU/SJ
 Sample : K2923-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4249

Manual Integrations
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 5/23/2019 8:43:04 AM

Quant Time: Jun 05 05:10:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	55394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	187531	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	108120	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	260823	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	315884	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	376819	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	4689	3.12	ng/uL	0.00
5) Phenol-d5	6.89	99	63361	14.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	42046	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	49499	15.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	40054	12.45	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	20787	17.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	22541	16.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	45404	15.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	35373	12.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	131867	16.95	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	163697	16.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	7111	6.30	ng/ul	0.00
57) Fluorene-d10	15.37	176	117666	17.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	12109	8.15	ng/ul	0.00
70) Anthracene-d10	17.23	188	186563	16.68	ng/ul	0.00
78) Pyrene-d10	19.53	212	244136	16.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	289924	16.93	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.83	163	46023	5.981 ng/ul	98
69) Phenanthrene	17.17	178	69491	5.592 ng/ul	98
76) Fluoranthene	19.19	202	200744	12.787 ng/ul	98
79) Pyrene	19.56	202	179799	9.483 ng/ul	99
82) Benzo(a)anthracene	21.31	228	93529	4.919 ng/ul	95
84) Chrysene	21.36	228	102959	5.667 ng/ul	98
87) Benzo(b)fluoranthene	22.91	252	157909	7.343 ng/ul	94
88) Benzo(k)fluoranthene	22.94	252	53515m	2.533 ng/ul	
90) Benzo(a)pyrene	23.49	252	107271	5.300 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	86537	3.752 ng/ul	95
93) Benzo(g,h,i)perylene	26.61	276	81467	4.268 ng/ul	99

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

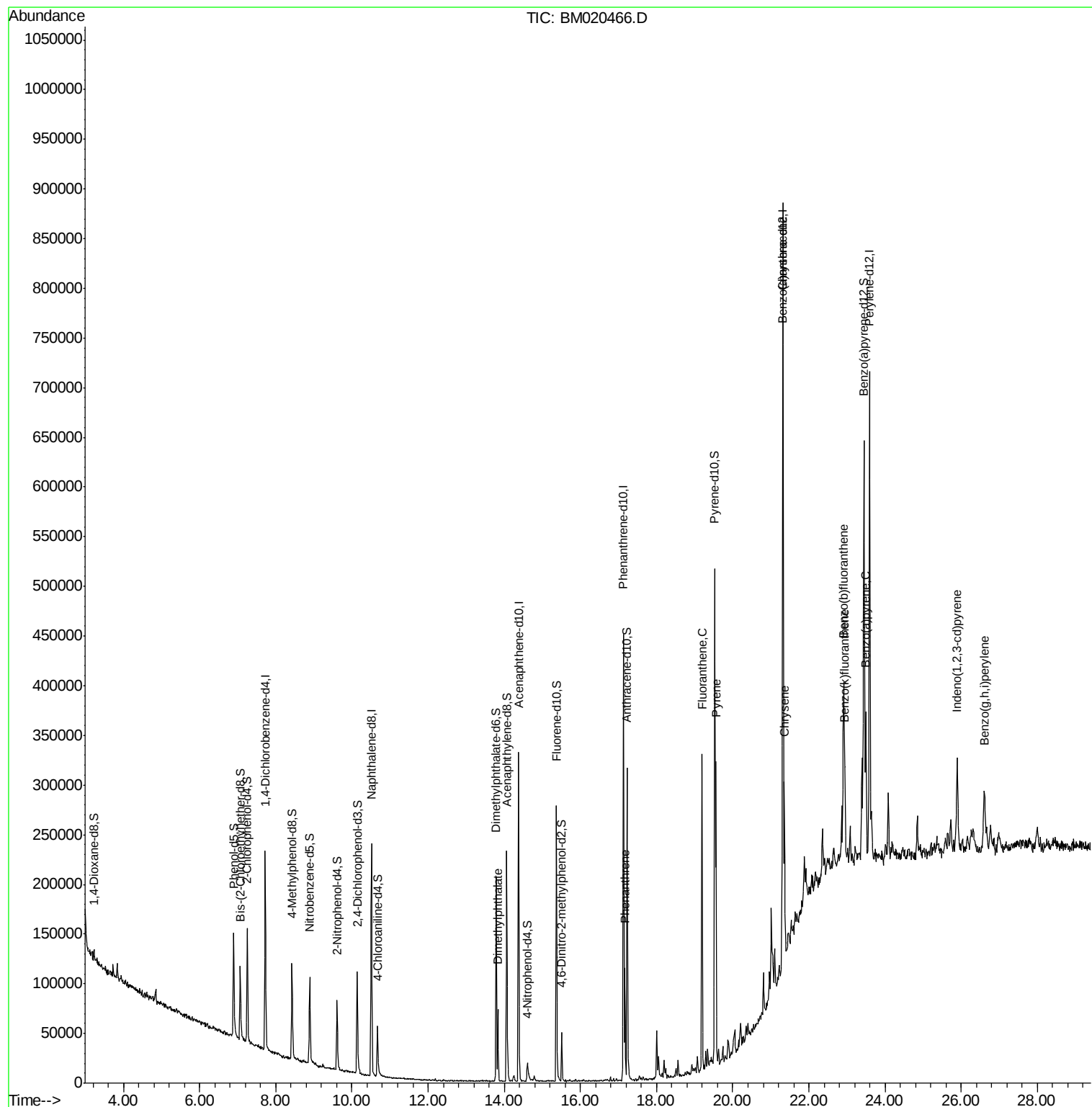
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020466.D
Acq On : 21 May 2019 18:54
Operator : JU/SJ
Sample : K2923-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

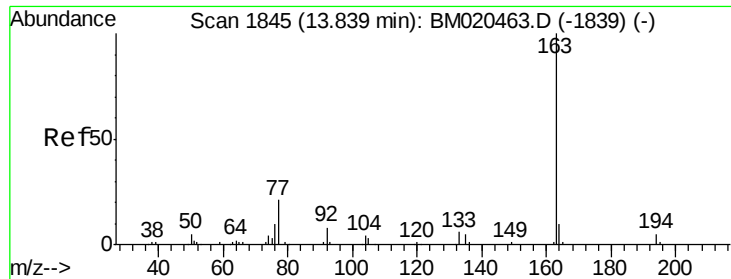
Instrument :
BNA_M
ClientSampleId :
A4249

Quant Time: Jun 05 05:10:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration

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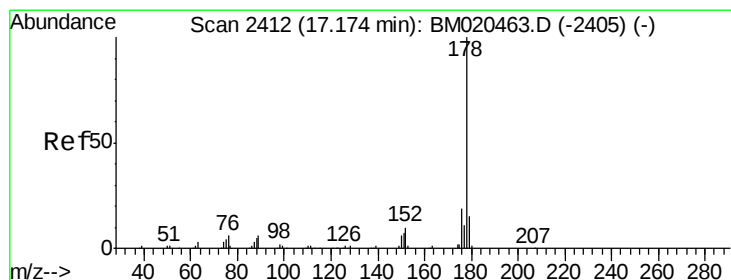
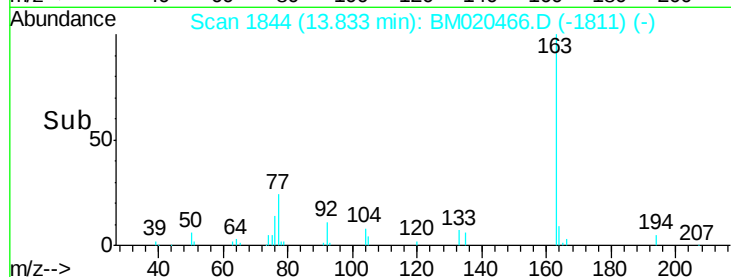
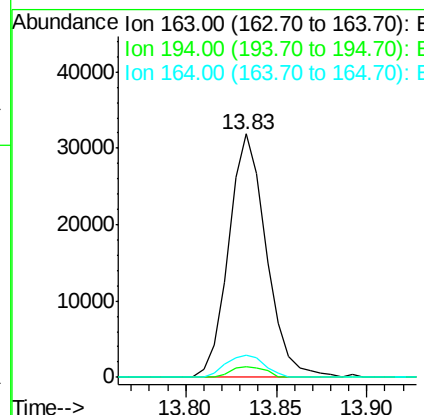
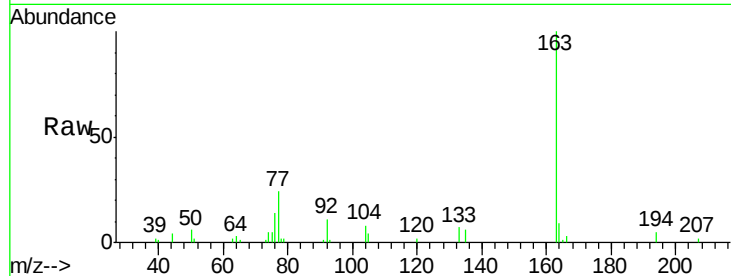
#44
Dimethylphthalate
Concen: 5.981 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM020466.D
Acq: 21 May 2019 18:54

Instrument :
BNA_M
ClientSampleId :
A4249

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	46023		
194	4.6		3.3	4.9
164	9.4		8.0	12.0

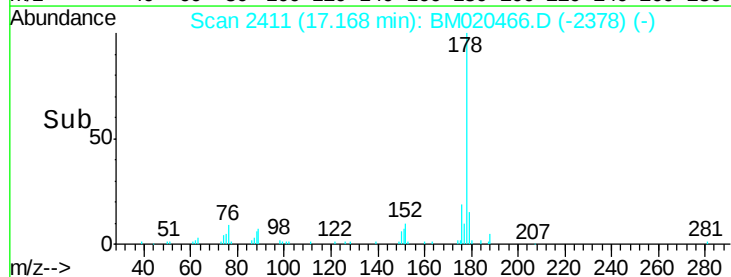
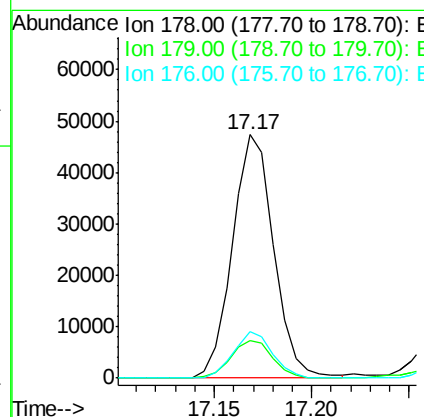
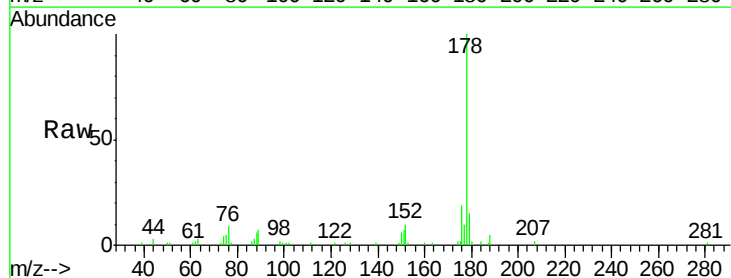
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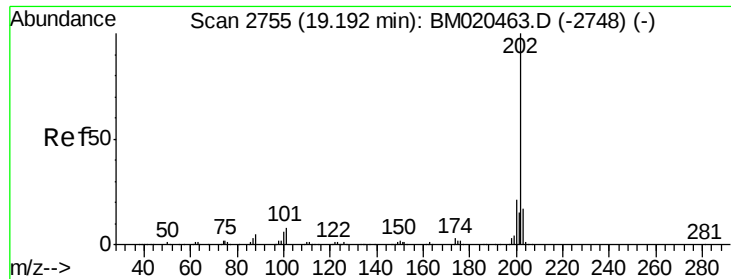
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#69
Phenanthrene
Concen: 5.592 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020466.D
Acq: 21 May 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	69491		
179	15.4		11.9	17.9
176	19.3		14.6	22.0





#76

Fluoranthene

Concen: 12.787 ng/ul

RT: 19.19 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

Instrument :

BNA_M

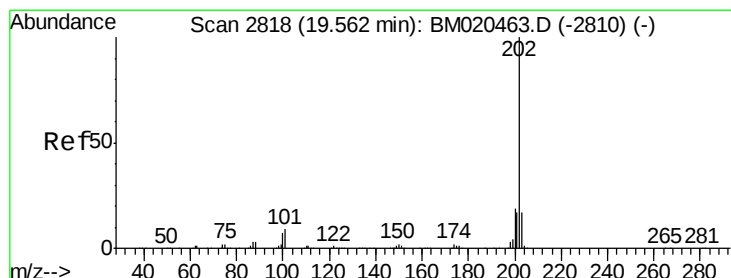
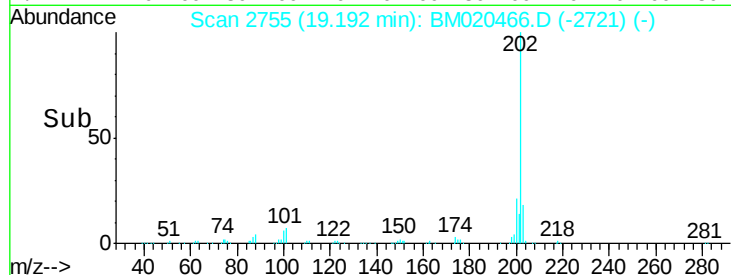
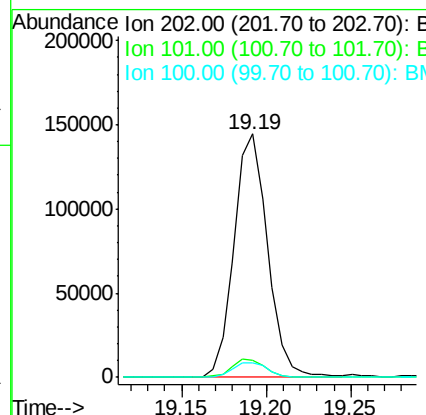
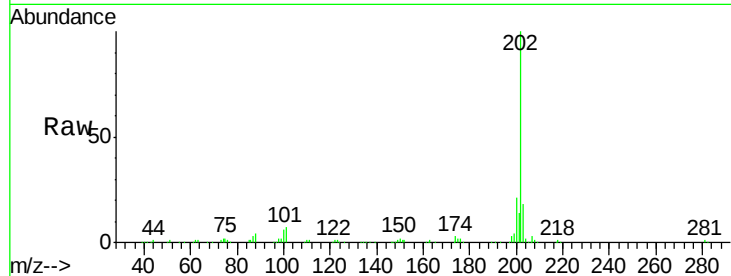
ClientSampleId :

A4249

Tgt Ion:	202	Resp:	200744
Ion Ratio	Lower	Upper	
202	100		
101	7.2	6.4	9.6
100	6.1	5.2	7.8

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#79

Pyrene

Concen: 9.483 ng/ul

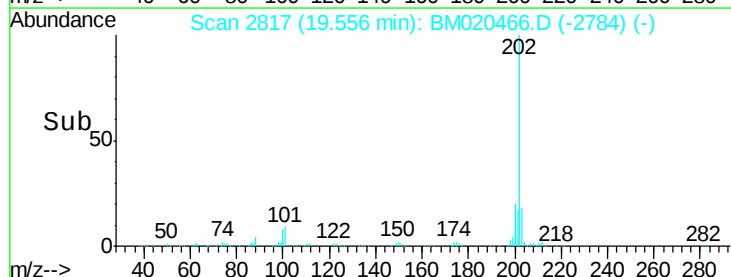
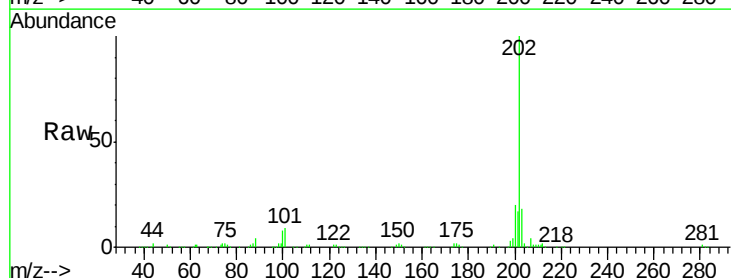
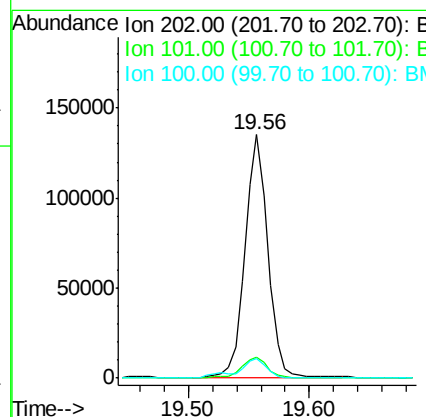
RT: 19.56 min Scan# 2817

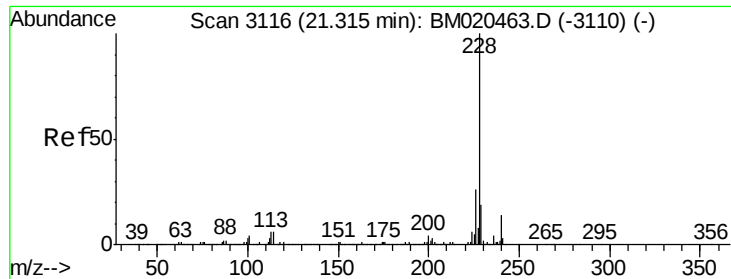
Delta R.T. -0.01 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

Tgt Ion:	202	Resp:	179799
Ion Ratio	Lower	Upper	
202	100		
101	8.8	7.1	10.7
100	7.8	5.9	8.9





#82

Benzo(a)anthracene

Concen: 4.919 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

Instrument :

BNA_M

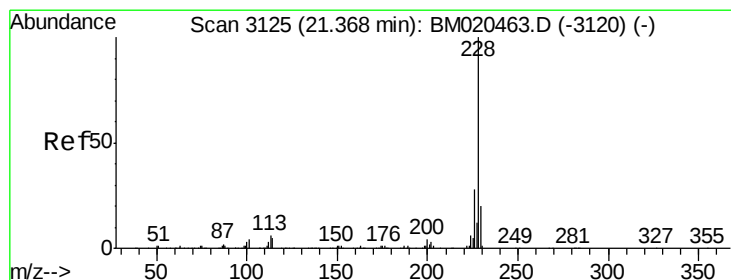
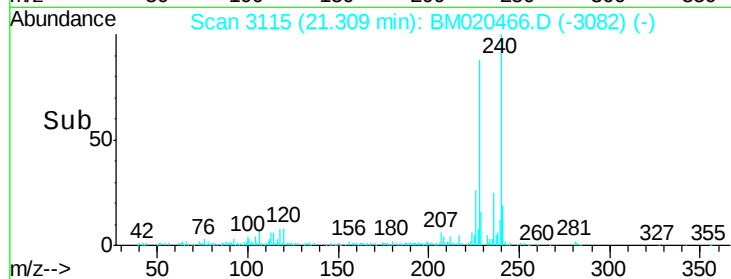
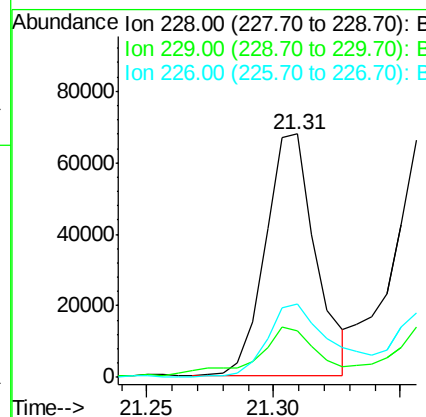
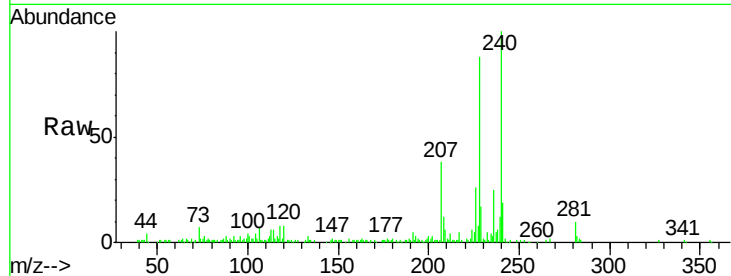
ClientSampleId :

A4249

Tgt Ion:	228	Resp:	93529
Ion Ratio	Lower	Upper	
228	100		
229	19.2	15.8	23.8
226	29.9	20.6	30.8

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#84

Chrysene

Concen: 5.667 ng/ul

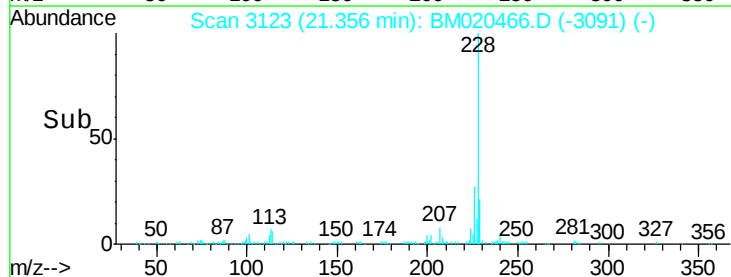
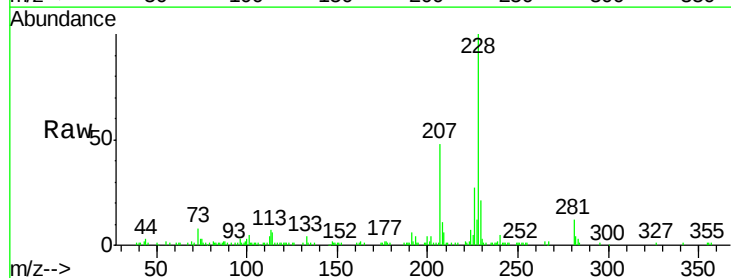
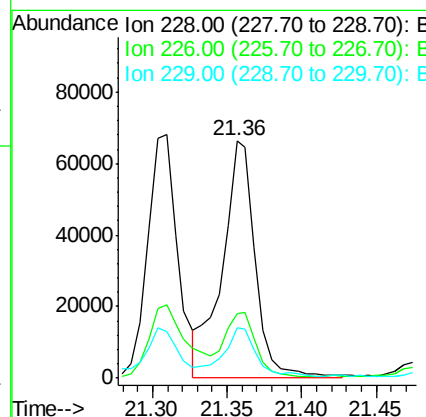
RT: 21.36 min Scan# 3123

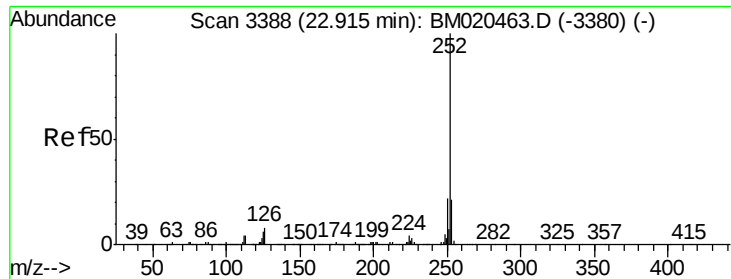
Delta R.T. -0.01 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

Tgt Ion:	228	Resp:	102959
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.2	33.4
229	21.2	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 7.343 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. -0.01 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

Instrument :

BNA_M

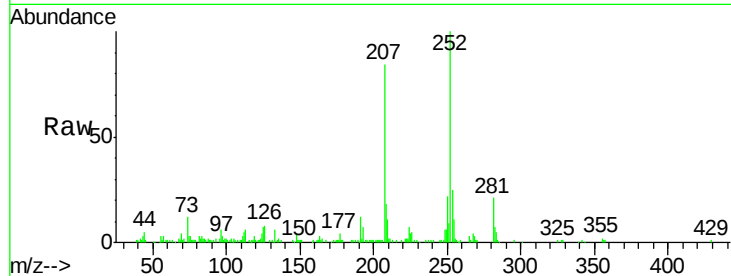
ClientSampleId :

A4249

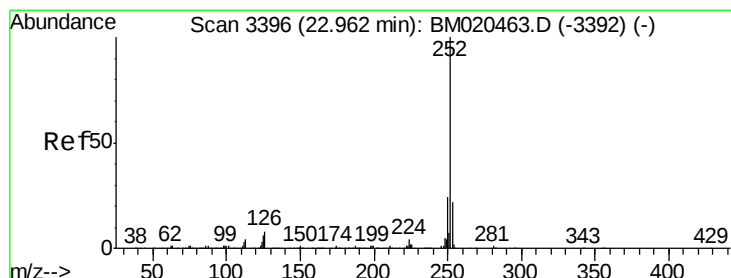
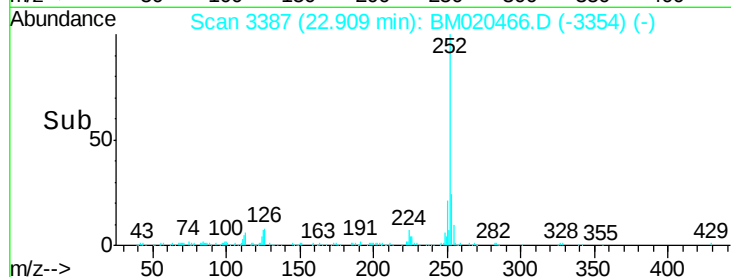
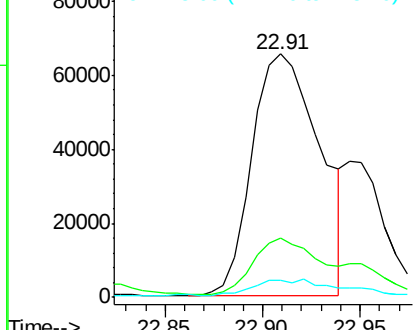
Tgt Ion:	252	Resp:	157909
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.0	25.6
125	7.2	5.0	7.4

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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



#88

Benzo(k)fluoranthene

Concen: 2.533 ng/ul m

RT: 22.94 min Scan# 3393

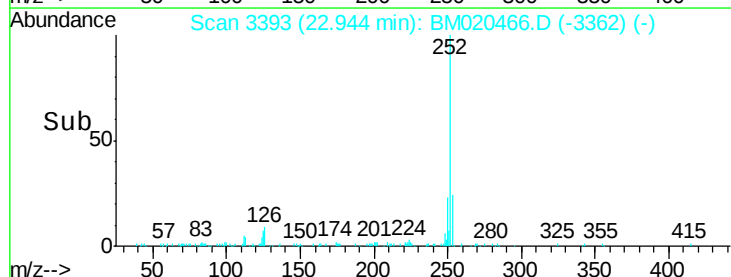
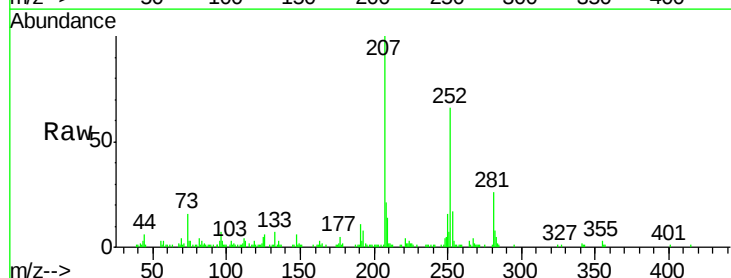
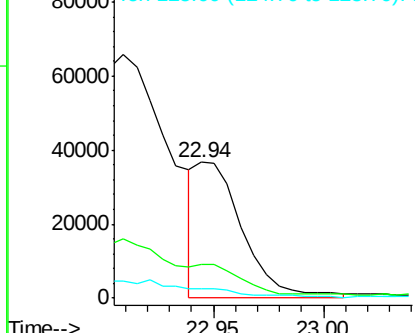
Delta R.T. -0.02 min

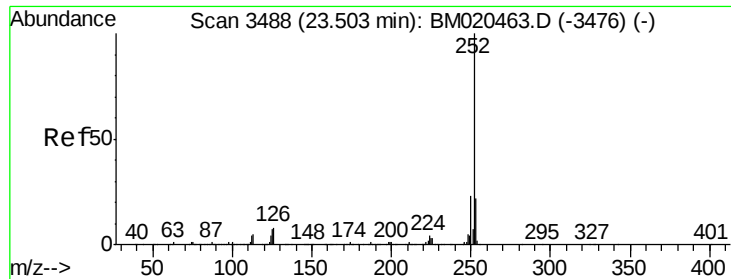
Lab File: BM020466.D

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Tgt Ion:	252	Resp:	53515
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.6	26.4
125	7.1	5.0	7.6

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





#90

Benzo(a)pyrene

Concen: 5.300 ng/ul

RT: 23.49 min Scan# 3486

Delta R.T. -0.01 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

Instrument :

BNA_M

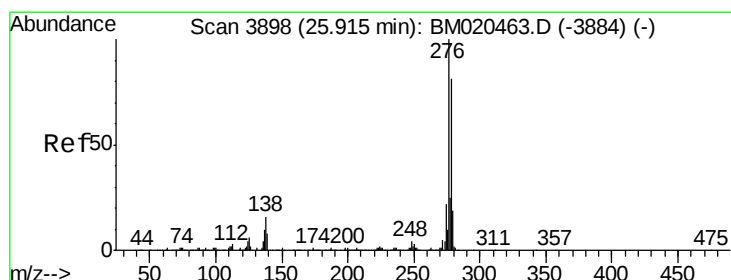
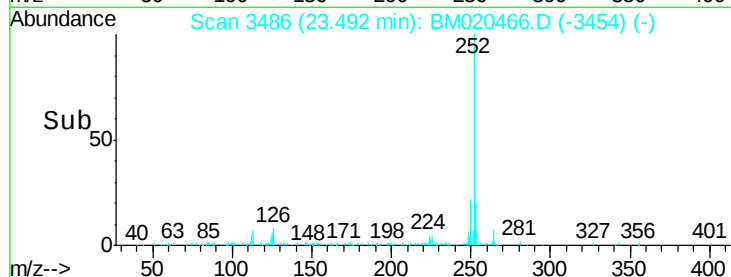
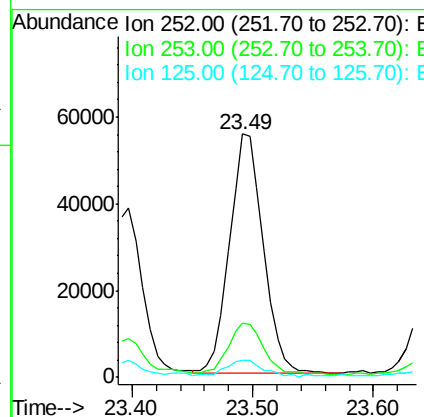
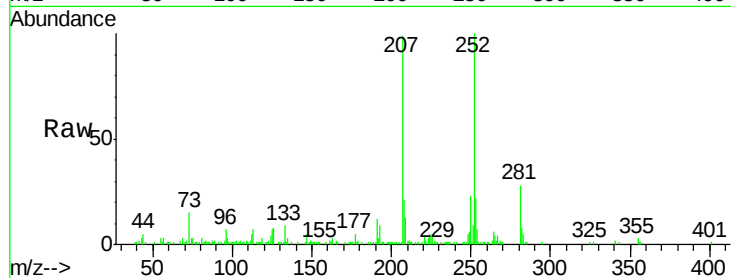
ClientSampleId :

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Tgt Ion:	252	Resp:	107271
Ion Ratio		Lower	Upper
252	100		
253	22.4	17.4	26.2
125	7.0	5.4	8.2

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#91

Indeno(1,2,3-cd)pyrene

Concen: 3.752 ng/ul

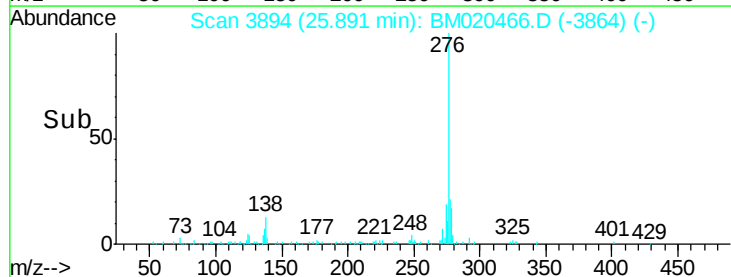
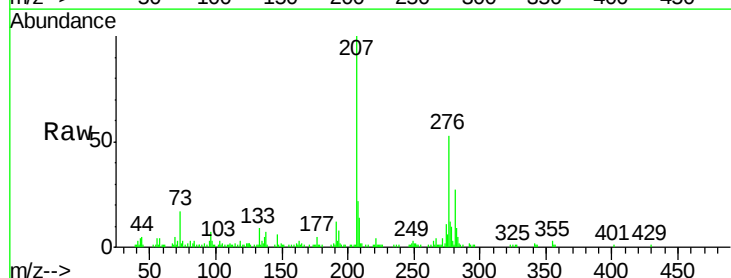
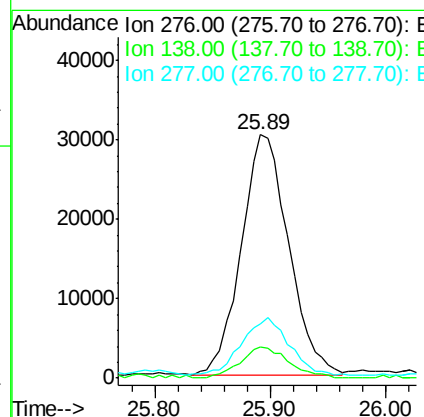
RT: 25.89 min Scan# 3894

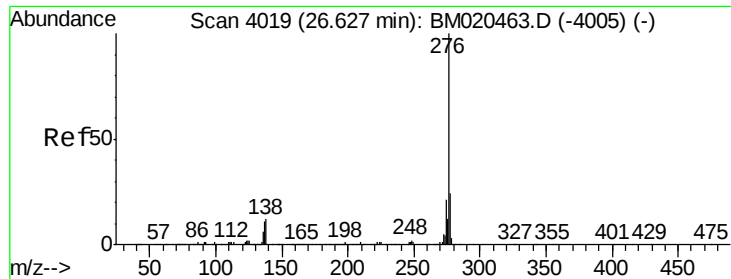
Delta R.T. -0.02 min

Lab File: BM020466.D

Acq: 21 May 2019 18:54

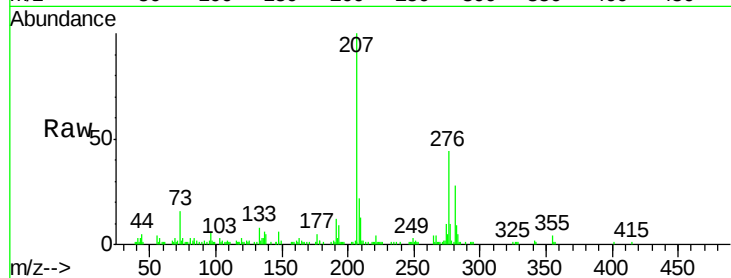
Tgt Ion:	276	Resp:	86537
Ion Ratio		Lower	Upper
276	100		
138	12.9	12.3	18.5
277	22.4	20.0	30.0





#93
 Benzo(g,h,i)perylene
 Concen: 4.268 ng/ul
 RT: 26.61 min Scan# 4016
 Delta R.T. -0.02 min
 Lab File: BM020466.D
 Acq: 21 May 2019 18:54

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:	276	Resp:	81467
Ion Ratio	Lower	Upper	
276	100		
138	11.3	10.0	15.0
277	22.6	18.2	27.4

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