

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
 Data File : BM019779.D
 Acq On : 06 Apr 2019 09:11
 Operator : JU/SJ
 Sample : K2218-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5Z9

Manual Integrations
 APPROVED

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Quant Time: Apr 08 03:31:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 06 00:13:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	159648	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	754744	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	453408	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	1053104	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1132462	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	1020369	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	30671	7.52	ng/uL	0.00
5) Phenol-d5	6.75	99	550445	38.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	350855	36.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	440101	40.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	429844	40.28	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	221369	41.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	258463	43.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	452110	39.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	471456	34.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	1444763	39.49	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	1930347	42.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	188392	32.85	ng/ul	0.00
58) Fluorene-d10	15.22	176	1344339	42.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	192667	27.67	ng/ul	0.00
71) Anthracene-d10	17.08	188	2168277	42.91	ng/ul	0.00
79) Pyrene-d10	19.39	212	2414083	46.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	2097055	38.77	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.77	94	19600	1.321	ng/ul#	77
45) Dimethylphthalate	13.69	163	174625	4.757	ng/ul	98
50) Acenaphthene	14.29	153	38620	1.209	ng/ul	98
70) Phenanthrene	17.02	178	526340	8.815	ng/ul	100
72) Anthracene	17.12	178	71203	1.169	ng/ul	98
77) Fluoranthene	19.05	202	668148	9.765	ng/ul#	87
80) Pyrene	19.42	202	511959	7.514	ng/ul#	85
83) Benzo(a)anthracene	21.17	228	305170	4.477	ng/ul	99
85) Chrysene	21.23	228	275032	4.205	ng/ul	99
88) Benzo(b)fluoranthene	22.73	252	286197	4.605	ng/ul#	92
89) Benzo(k)fluoranthene	22.77	252	95980m	1.608	ng/ul	
91) Benzo(a)pyrene	23.30	252	159032	2.677	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.60	276	96762	1.300	ng/ul#	92
94) Benzo(g,h,i)perylene	26.29	276	63539	1.022	ng/ul#	92

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

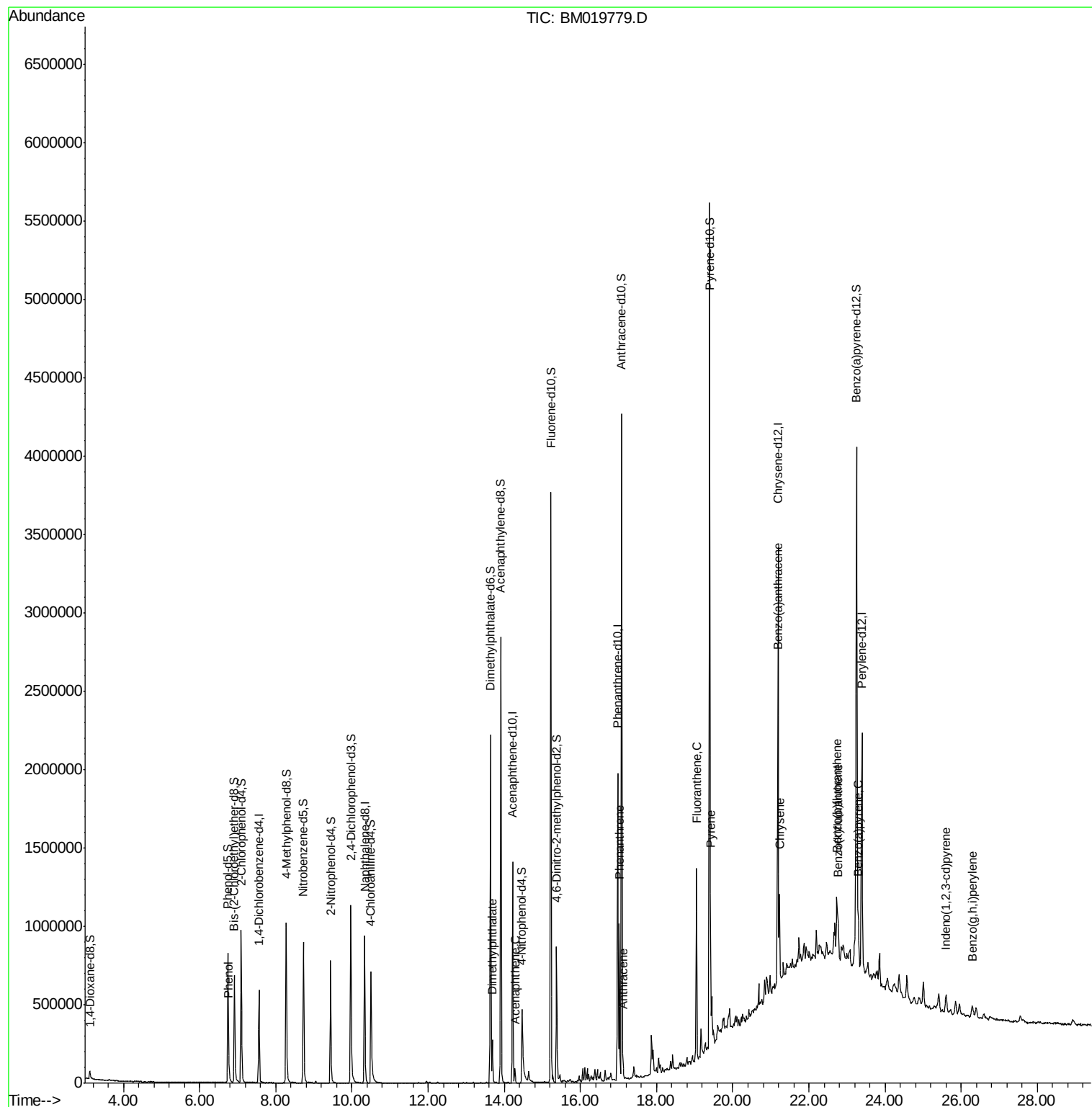
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019779.D
Acq On : 06 Apr 2019 09:11
Operator : JU/SJ
Sample : K2218-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

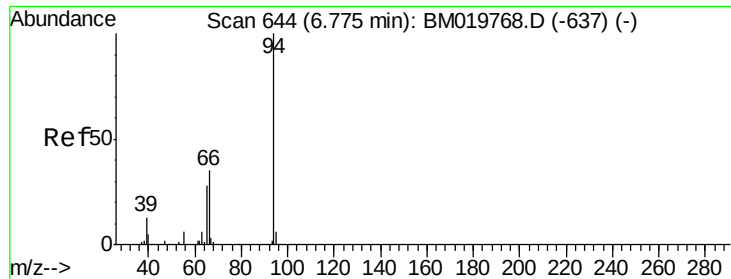
Instrument :
BNA_M
ClientSampleId :
BF5Z9

Quant Time: Apr 08 03:31:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 06 00:13:11 2019
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#6

Phenol

Concen: 1.321 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM019779.D

Acq: 06 Apr 2019 09:11

Instrument :

BNA_M

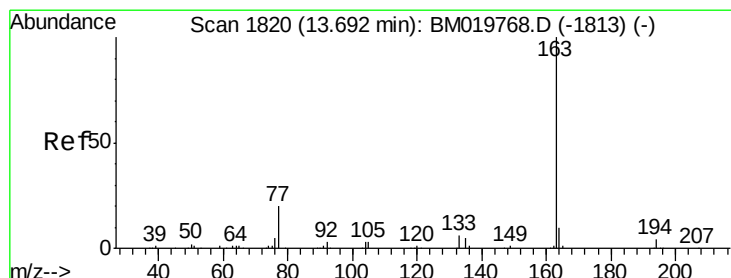
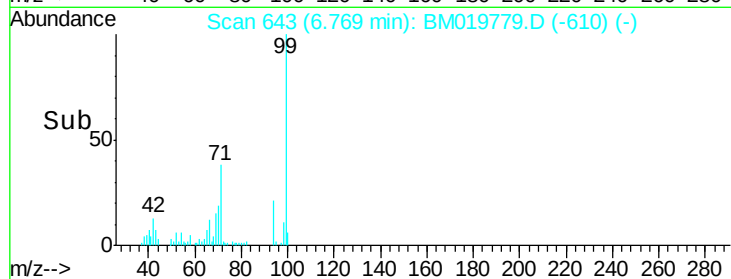
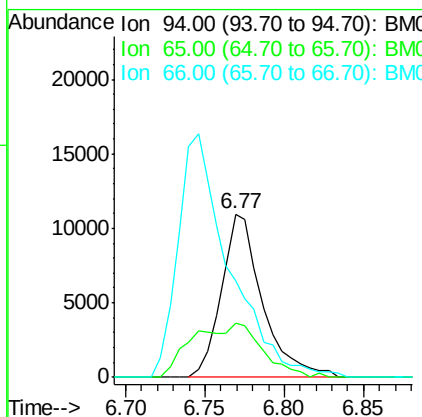
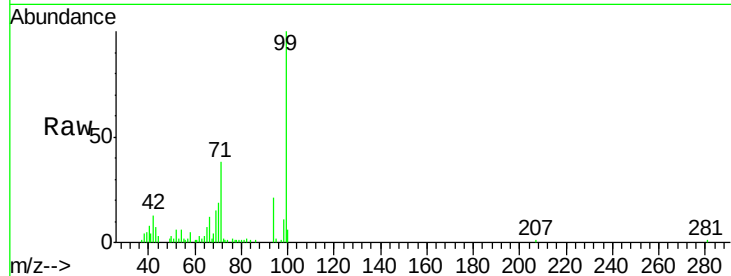
ClientSampleId :

BF5Z9

Tgt Ion:	94	Resp:	19600
Ion	Ratio	Lower	Upper
94	100		
65	33.2	23.0	34.6
66	58.7	30.4	45.6

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#45

Dimethylphthalate

Concen: 4.757 ng/ul

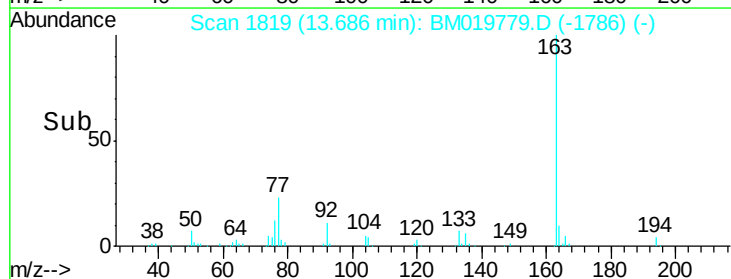
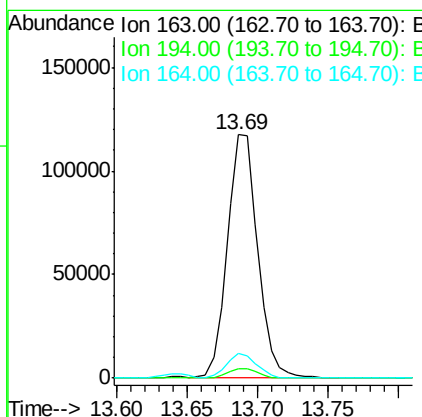
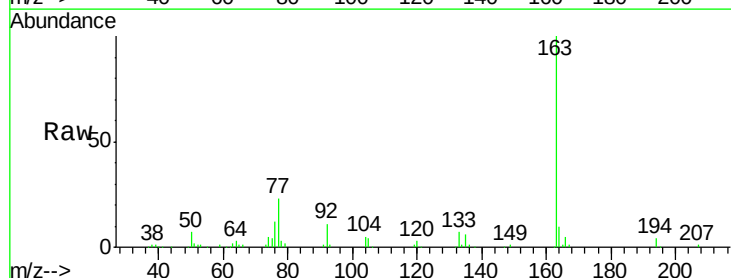
RT: 13.69 min Scan# 1819

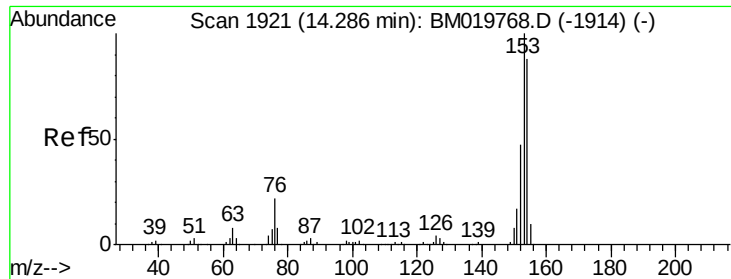
Delta R.T. -0.01 min

Lab File: BM019779.D

Acq: 06 Apr 2019 09:11

Tgt Ion:	163	Resp:	174625
Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.0	6.0
164	10.1	8.4	12.6





#50

Acenaphthene

Concen: 1.209 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BM019779.D

Acq: 06 Apr 2019 09:11

Instrument :

BNA_M

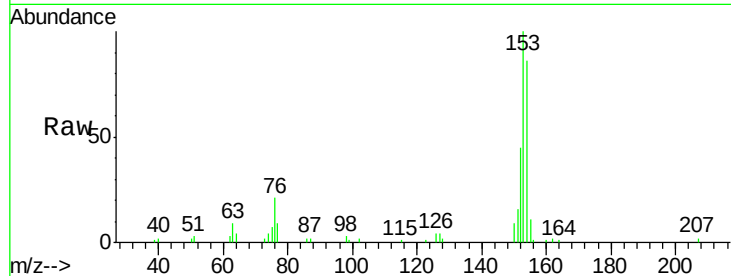
ClientSampleId :

BF5Z9

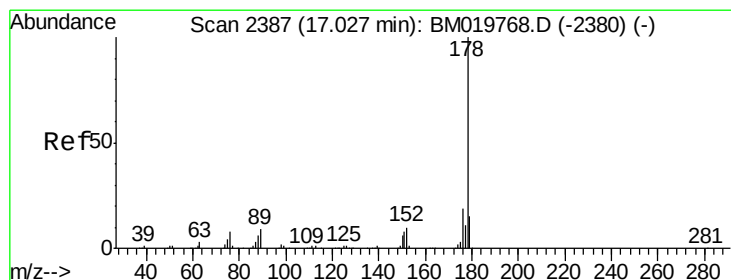
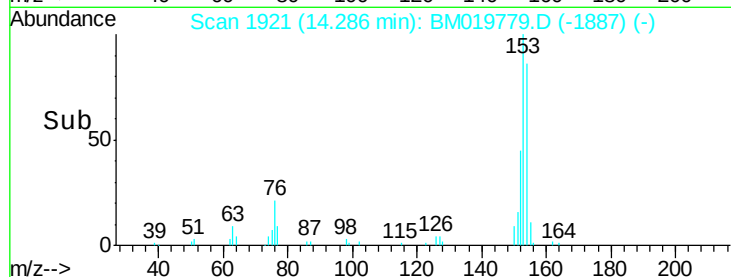
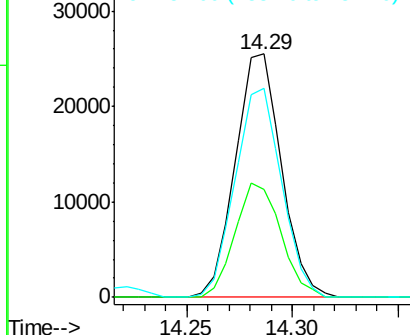
Tgt Ion:	153	Resp:	38620
Ion Ratio	Lower	Upper	
153	100		
152	44.6	37.9	56.9
154	86.0	69.8	104.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#70

Phenanthrene

Concen: 8.815 ng/ul

RT: 17.02 min Scan# 2386

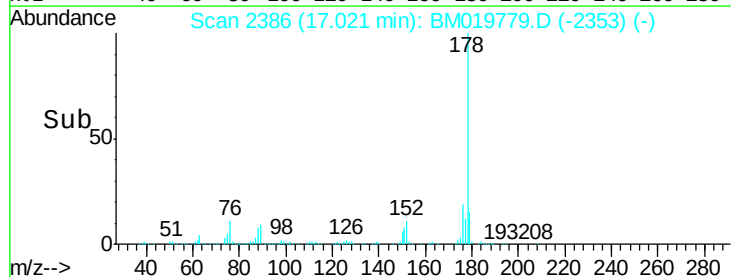
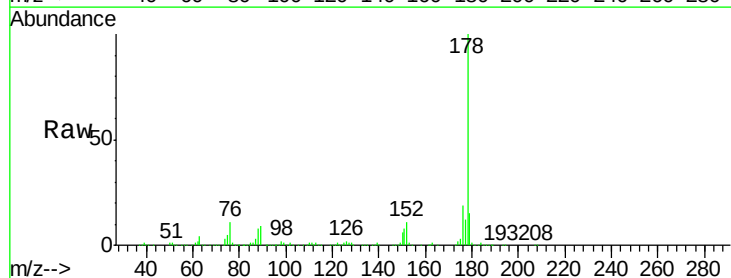
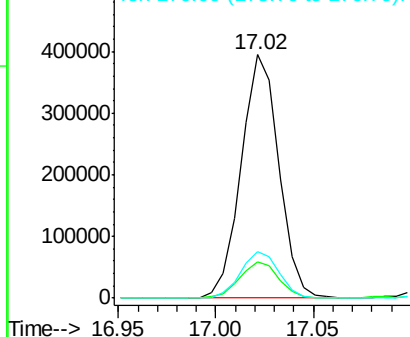
Delta R.T. -0.01 min

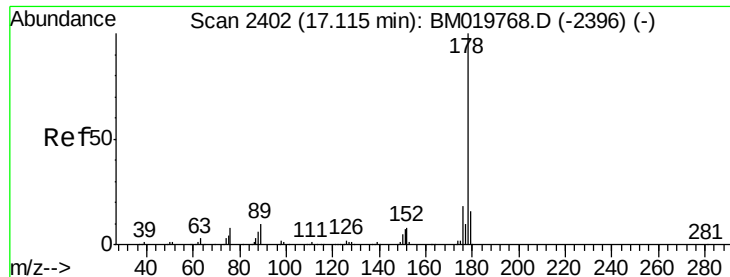
Lab File: BM019779.D

Acq: 06 Apr 2019 09:11

Tgt Ion:	178	Resp:	526340
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.3	18.5
176	19.3	15.4	23.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.169 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BM019779.D

Acq: 06 Apr 2019 09:11

Instrument :

BNA_M

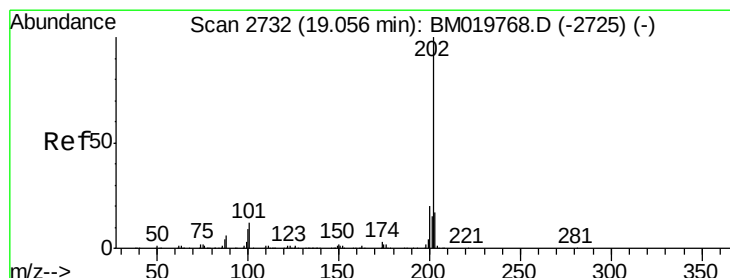
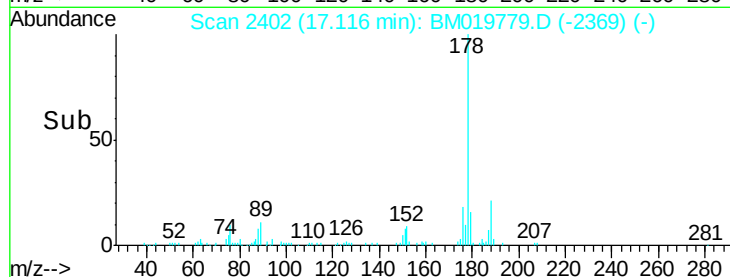
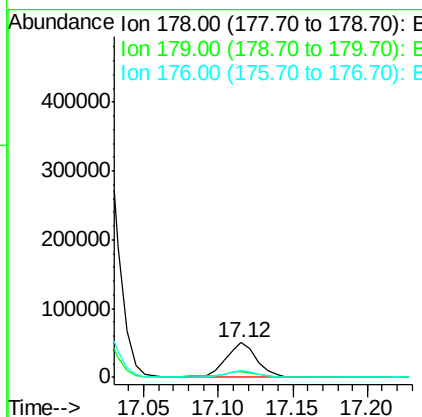
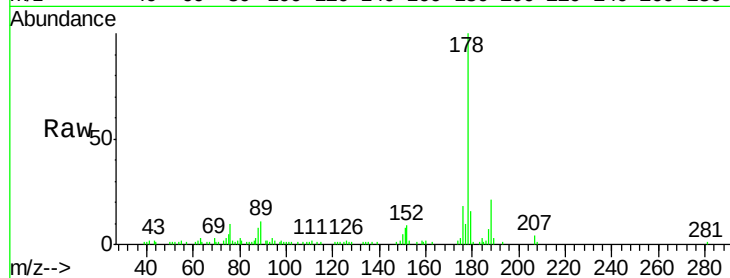
ClientSampleId :

BF5Z9

Tgt Ion:	178	Resp:	71203
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.4	20.2
176	18.3	15.4	23.0

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#77

Fluoranthene

Concen: 9.765 ng/ul

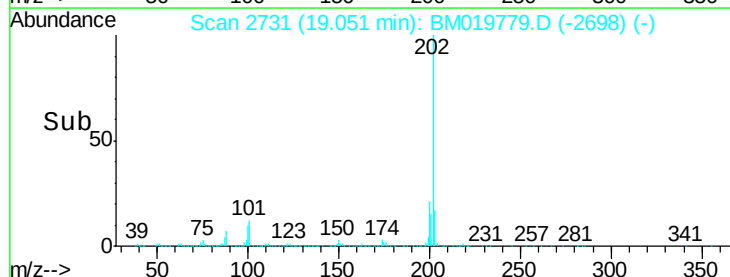
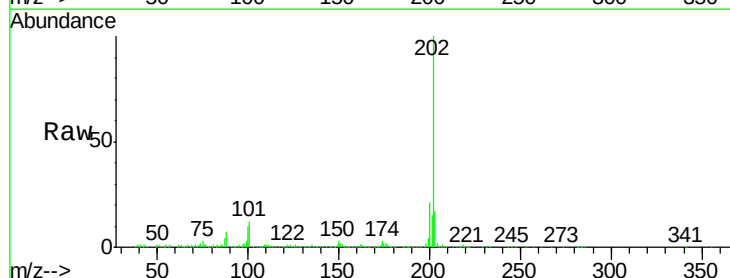
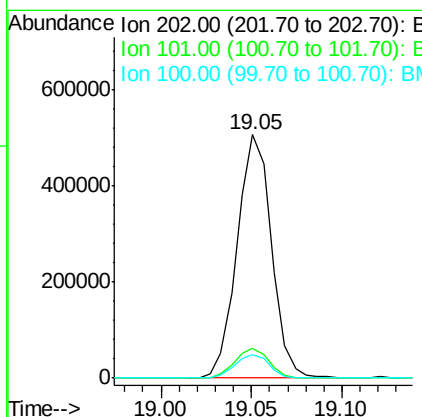
RT: 19.05 min Scan# 2731

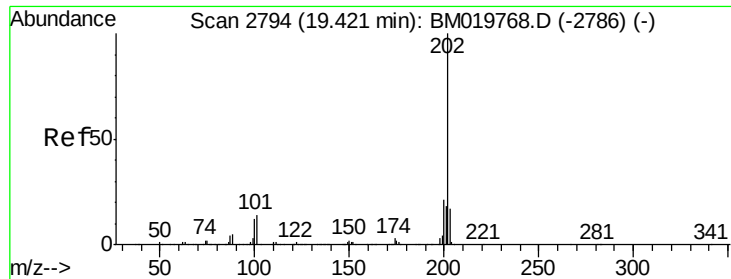
Delta R.T. -0.01 min

Lab File: BM019779.D

Acq: 06 Apr 2019 09:11

Tgt Ion:	202	Resp:	668148
Ion Ratio	Lower	Upper	
202	100		
101	12.4	6.1	9.1#
100	9.8	4.6	7.0#





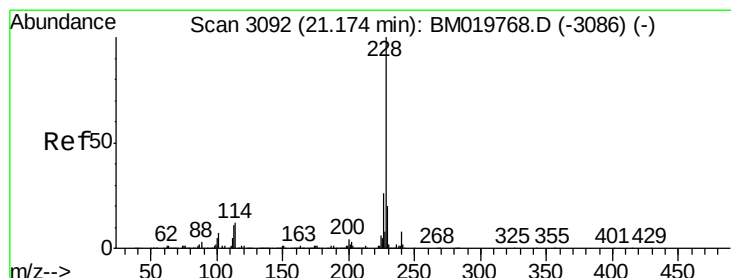
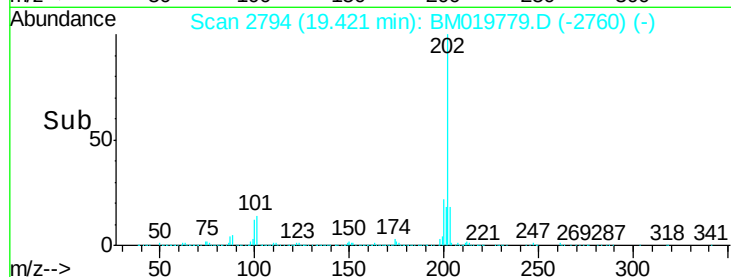
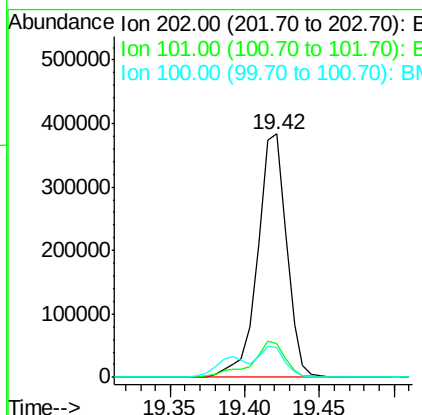
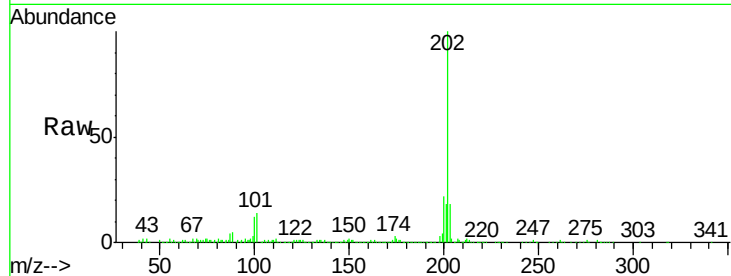
#80
Pyrene
Concen: 7.514 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BM019779.D
Acq: 06 Apr 2019 09:11

Instrument :
BNA_M
ClientSampled :
BF5Z9

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.8	6.9	10.3#
100	12.1	5.6	8.4#

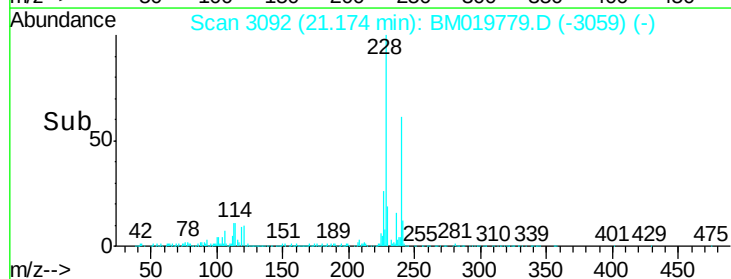
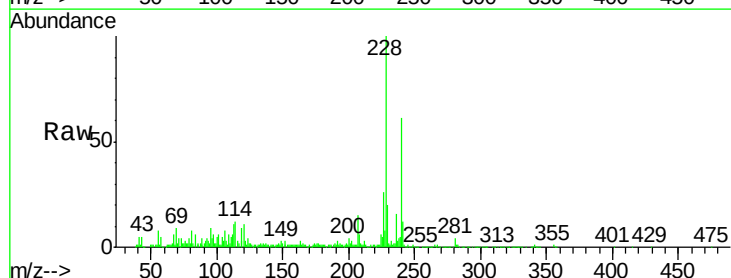
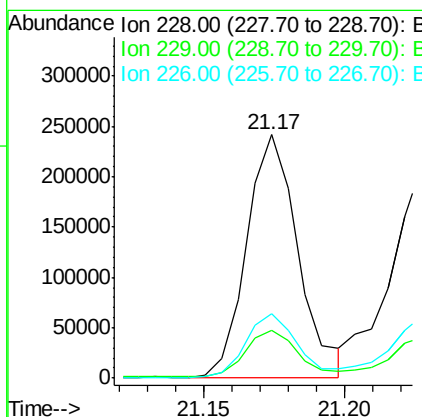
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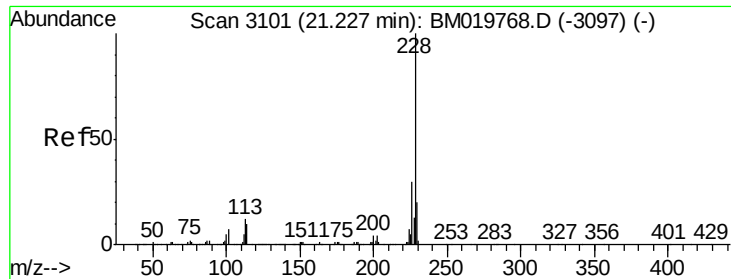
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#83
Benzo(a)anthracene
Concen: 4.477 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019779.D
Acq: 06 Apr 2019 09:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.7	16.0	24.0
226	26.3	21.8	32.8





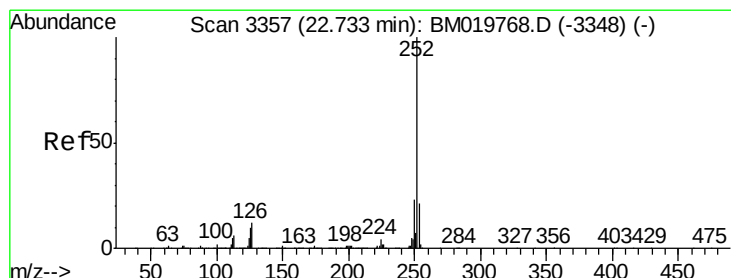
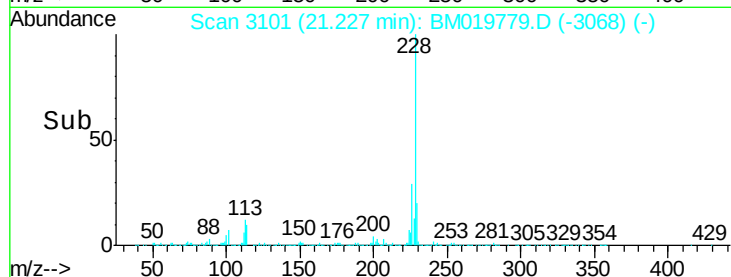
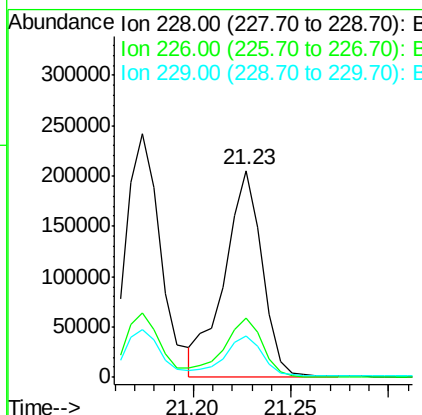
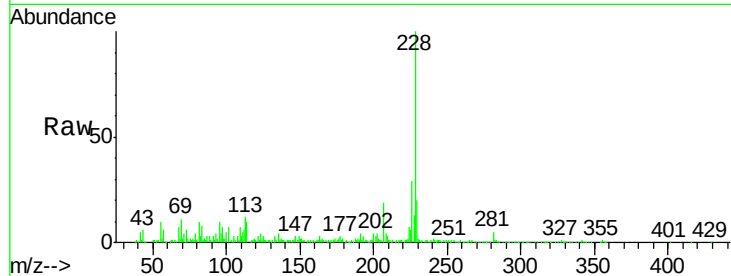
#85
Chrysene
 Concen: 4.205 ng/ul
 RT: 21.23 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BM019779.D
 Acq: 06 Apr 2019 09:11

Instrument :
 BNA_M
 ClientSampleId :
 BF5Z9

Tgt Ion:	228	Resp:	275032
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.1	36.1
229	19.9	16.0	24.0

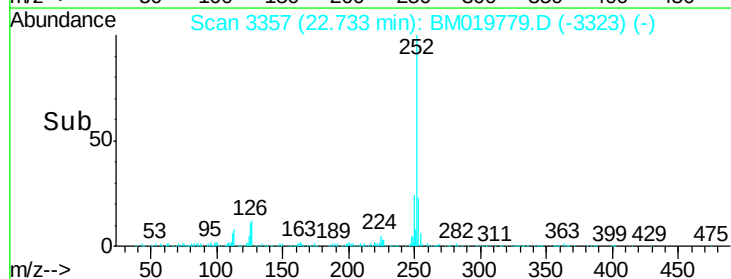
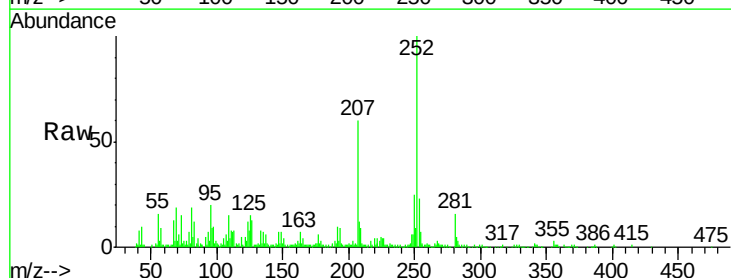
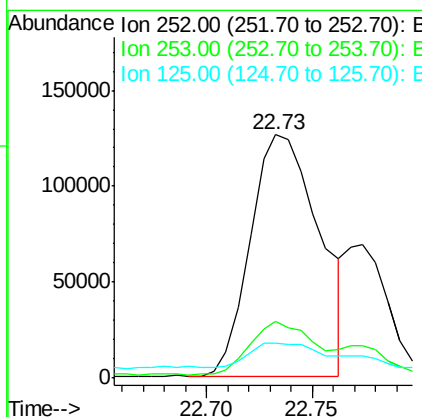
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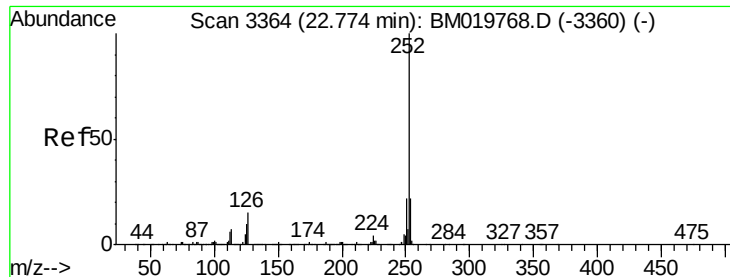
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#88
Benzo(b)fluoranthene
 Concen: 4.605 ng/ul
 RT: 22.73 min Scan# 3357
 Delta R.T. 0.00 min
 Lab File: BM019779.D
 Acq: 06 Apr 2019 09:11

Tgt Ion:	252	Resp:	286197
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.0
125	14.6	4.9	7.3#





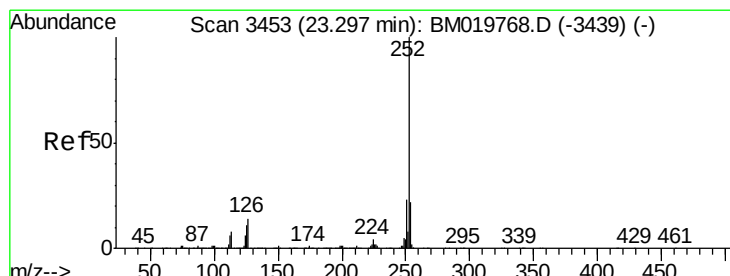
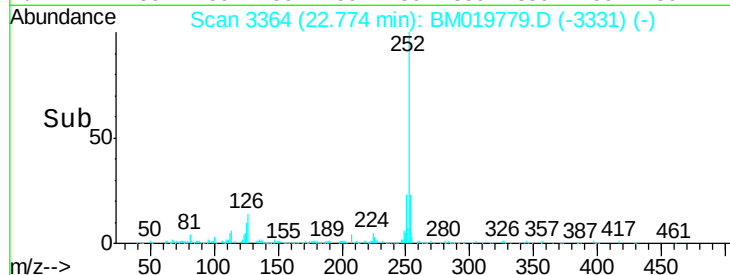
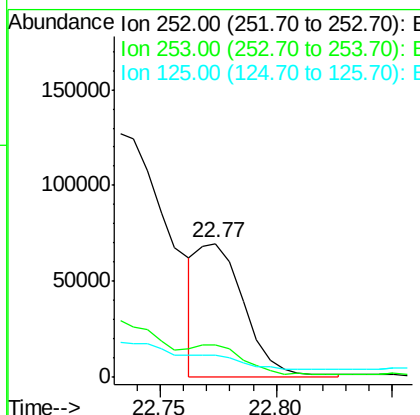
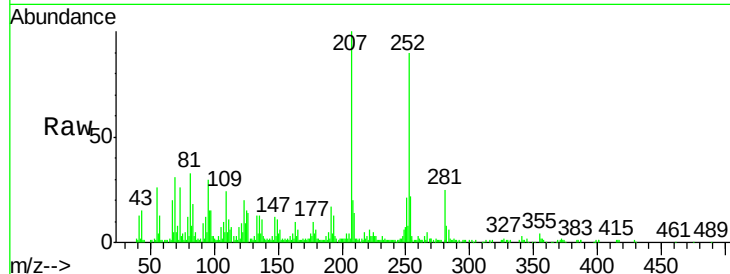
#89
Benzo(k)fluoranthene
Concen: 1.608 ng/ul m
RT: 22.77 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM019779.D
Acq: 06 Apr 2019 09:11

Instrument :
BNA_M
ClientSampleId :
BF5Z9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	16.4	5.4	8.0#

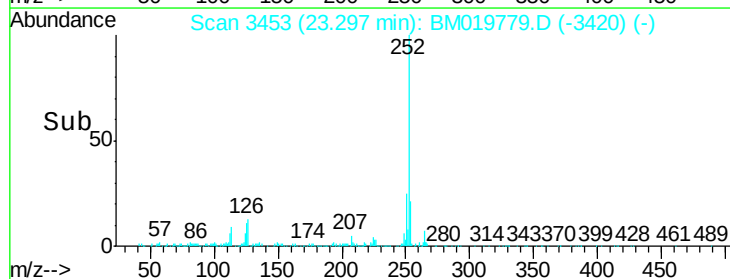
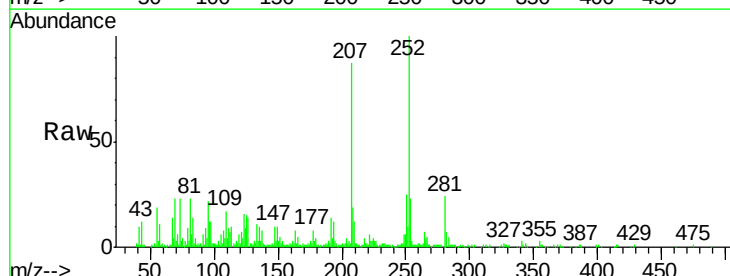
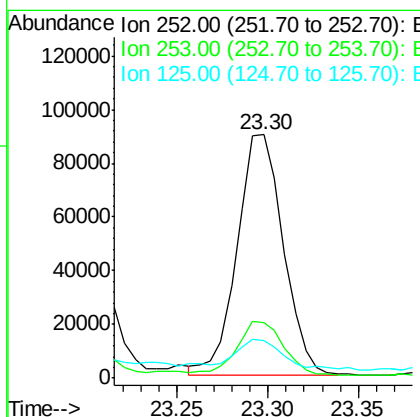
Manual Integrations
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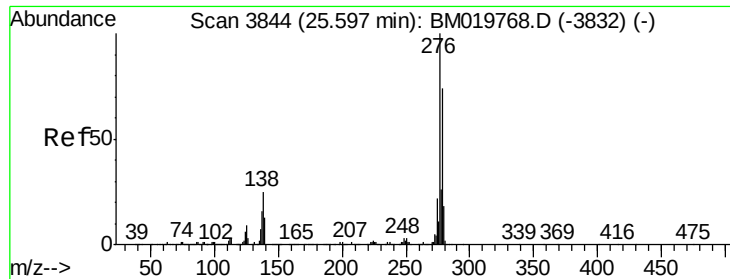
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#91
Benzo(a)pyrene
Concen: 2.677 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM019779.D
Acq: 06 Apr 2019 09:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	15.2	5.8	8.6#





#92

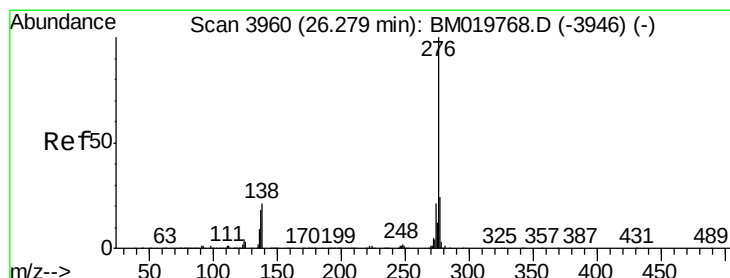
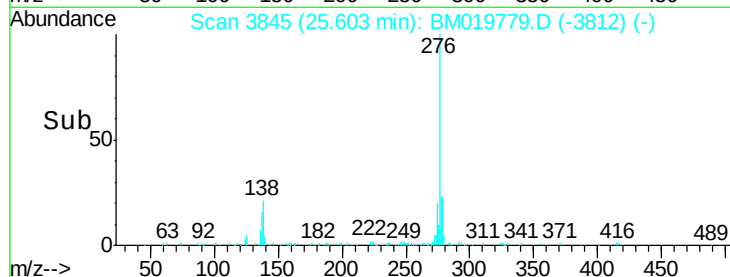
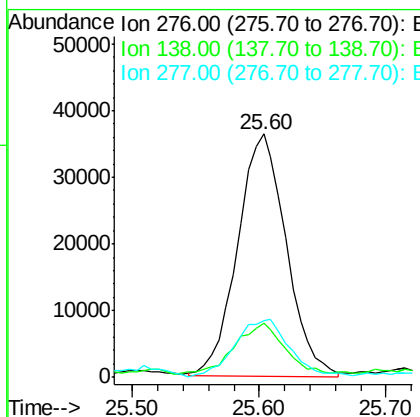
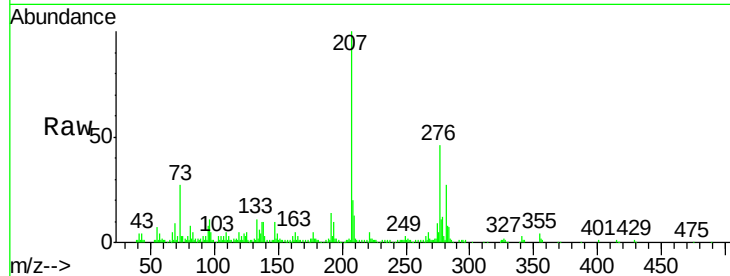
Indeno(1,2,3-cd)pyrene
Concen: 1.300 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM019779.D
Acq: 06 Apr 2019 09:11

Instrument :
BNA_M
ClientSampled :
BF5Z9

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	10.9	16.3#
277	23.3	18.9	28.3

Manual Integrations
APPROVED

Sohil
4/8/2019 6:11:56 PM



#94

Benzo(g,h,i)perylene
Concen: 1.022 ng/ul
RT: 26.29 min Scan# 3961
Delta R.T. -0.01 min
Lab File: BM019779.D
Acq: 06 Apr 2019 09:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	11.2	16.8#
277	24.7	19.0	28.6

