

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
 Data File : BM021347.D
 Acq On : 02 Jul 2019 17:35
 Operator : HP/JU
 Sample : K3594-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD9

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:51:00 PM

Quant Time: Jul 03 01:18:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 01:09:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	189734	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	831115	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	508388	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1062156	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	763493	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	910679	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21438	5.37	ng/uL	0.00
5) Phenol-d5	6.92	99	540910	32.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	313808	31.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	450147	33.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	399879	29.01	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	251752	37.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	298599	39.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	555573	36.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	499510	31.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1849634	40.27	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2031214	36.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	213709	28.60	ng/ul	0.00
57) Fluorene-d10	15.39	176	1515925	37.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	179827	27.54	ng/ul	0.00
70) Anthracene-d10	17.24	188	2053999	37.21	ng/ul	0.00
78) Pyrene-d10	19.54	212	1942964	42.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2006571	37.35	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.85	163	236386	5.653	ng/ul 99
69) Phenanthrene	17.19	178	130940	2.229	ng/ul 99
76) Fluoranthene	19.20	202	369030	5.814	ng/ul 99
79) Pyrene	19.57	202	329429	6.103	ng/ul 99
82) Benzo(a)anthracene	21.32	228	185492	3.564	ng/ul 100
83) Bis(2-ethylhexyl)phthalate	21.24	149	36994	1.300	ng/ul 98
84) Chrysene	21.37	228	181693	3.727	ng/ul 98
87) Benzo(b)fluoranthene	22.92	252	270878	4.696	ng/ul# 92
88) Benzo(k)fluoranthene	22.96	252	87546m	1.577	ng/ul
90) Benzo(a)pyrene	23.50	252	166388	3.064	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	25.89	276	126379	1.977	ng/ul 96
93) Benzo(g,h,i)perylene	26.59	276	98421	1.869	ng/ul 97

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

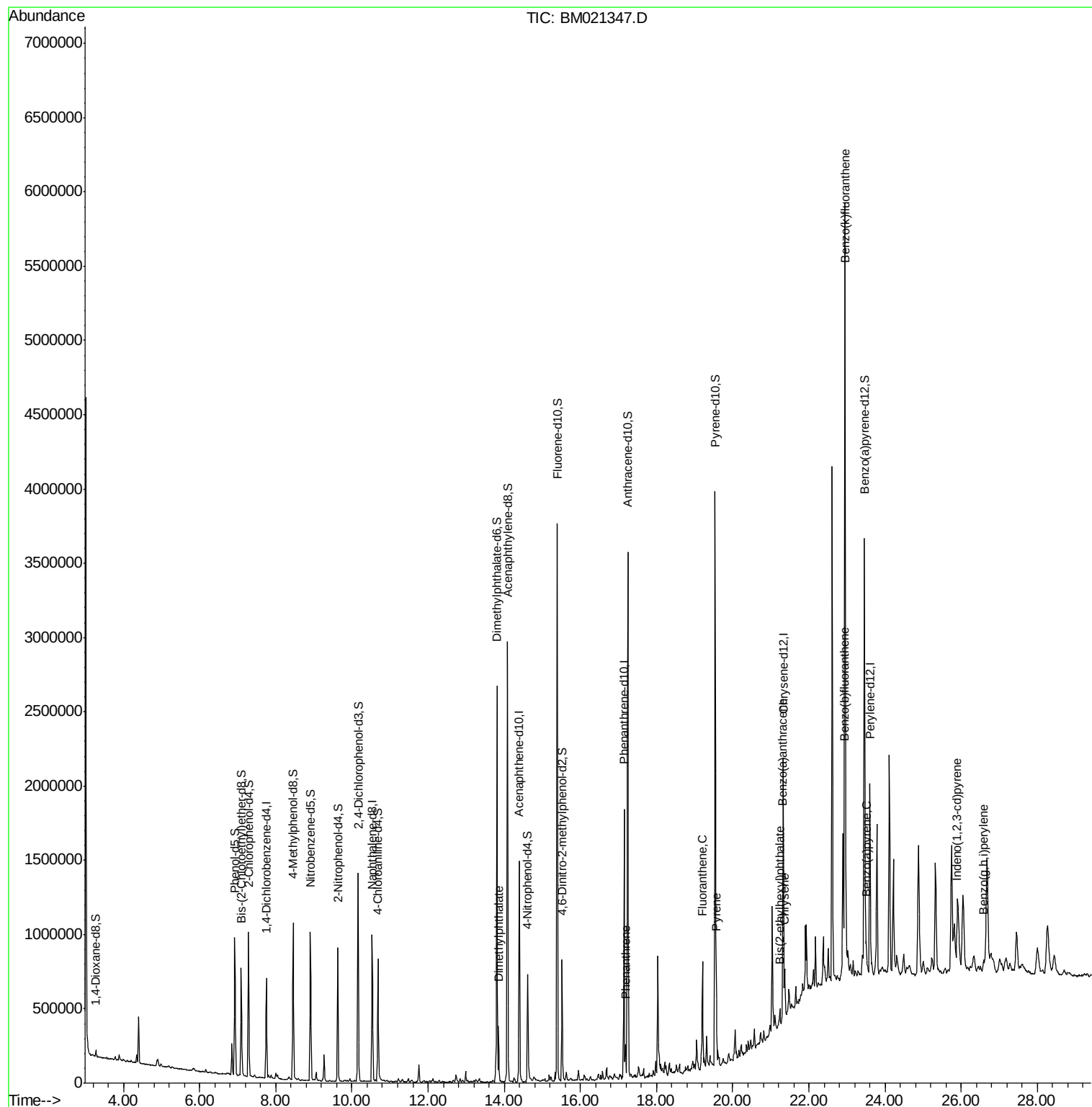
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021347.D
Acq On : 02 Jul 2019 17:35
Operator : HP/JU
Sample : K3594-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

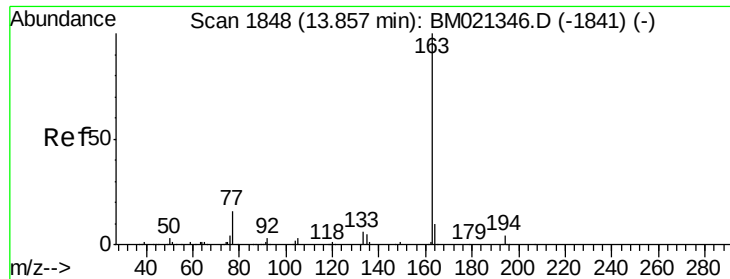
Instrument :
BNA_M
ClientSampleId :
C5BD9

Manual Integrations
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Quant Time: Jul 03 01:18:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 01:09:29 2019
Response via : Initial Calibration





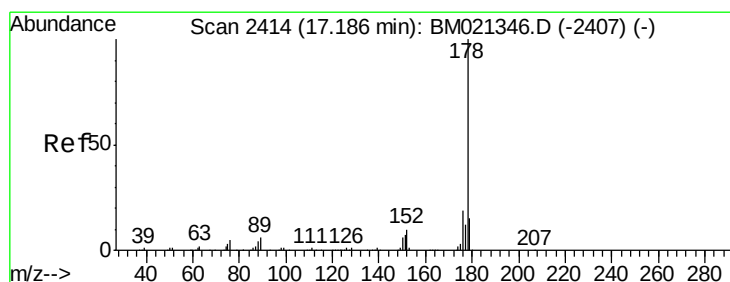
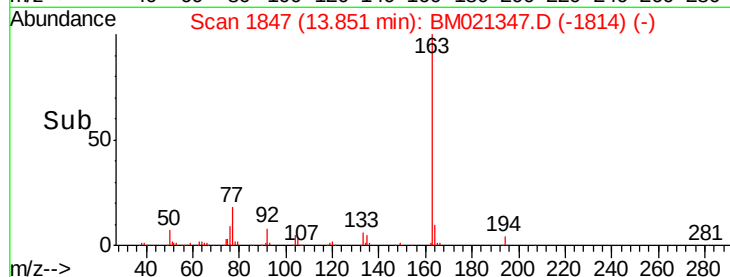
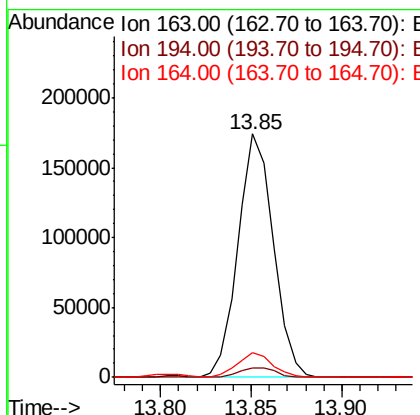
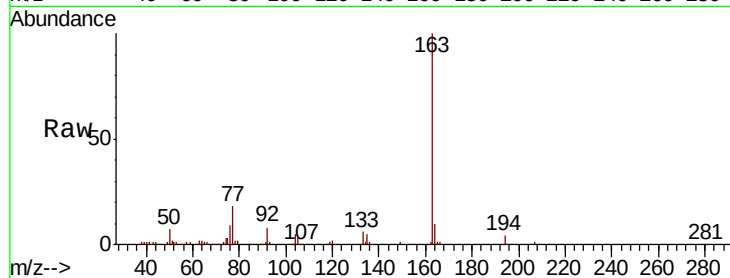
#44
Dimethylphthalate
Concen: 5.653 ng/ul
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM021347.D
Acq: 02 Jul 2019 17:35

Instrument :
BNA_M
ClientSampleId :
C5BD9

Tot Ion	Ratio	Resp	Lower	Upper
163	100	236386		
194	4.1		3.4	5.2
164	10.3		7.7	11.5

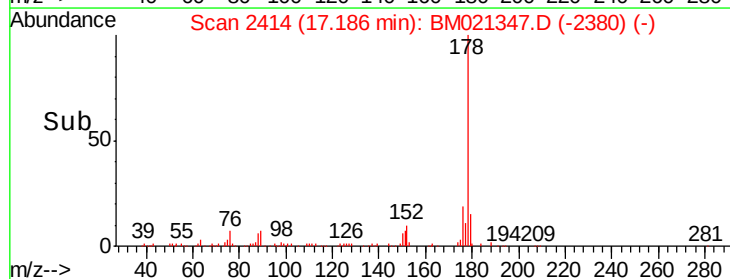
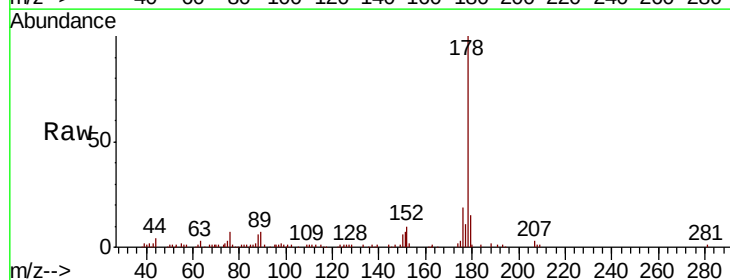
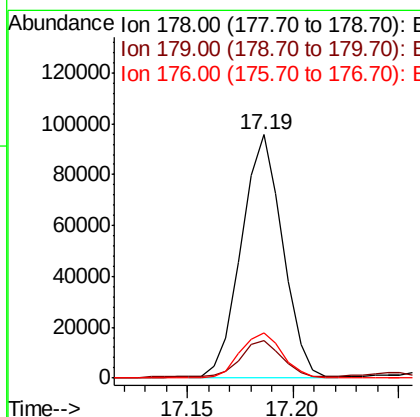
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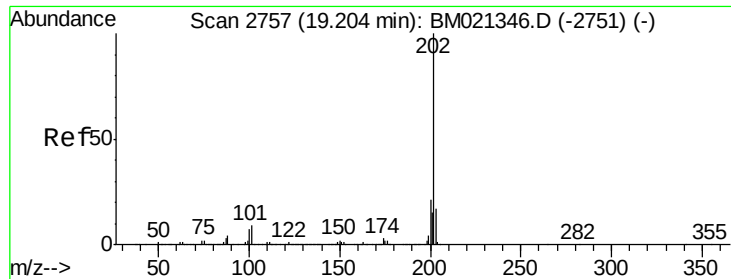
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#69
Phenanthrene
Concen: 2.229 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM021347.D
Acq: 02 Jul 2019 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	130940		
179	15.4		11.8	17.8
176	18.8		15.0	22.6





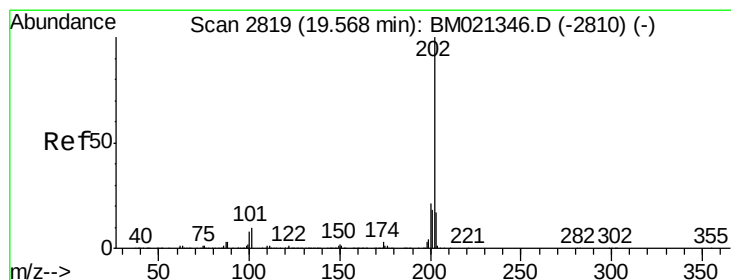
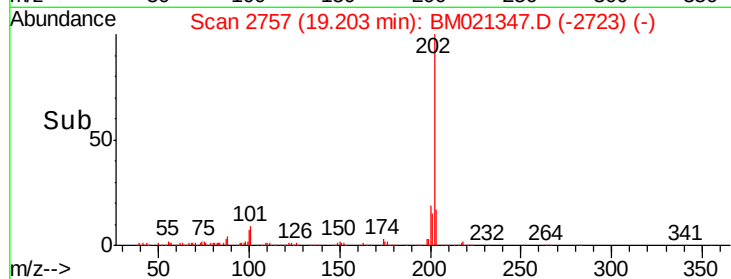
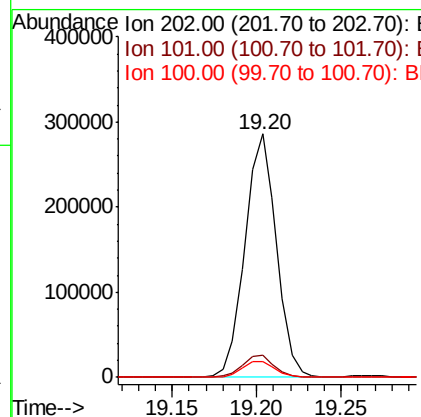
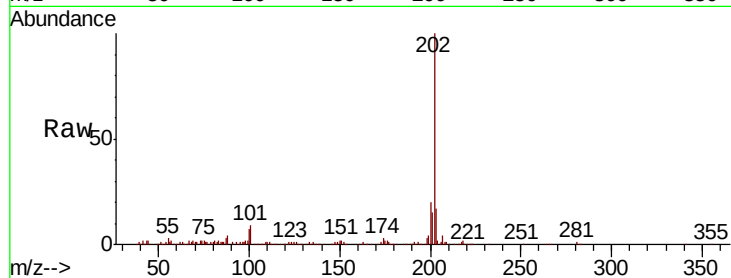
#76
Fluoranthene
Concen: 5.814 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.00 min
Lab File: BM021347.D
Acq: 02 Jul 2019 17:35

Instrument :
BNA_M
ClientSampleId :
C5BD9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		369030		
101	9.0	6.7	10.1		
100	6.7	5.5	8.3		

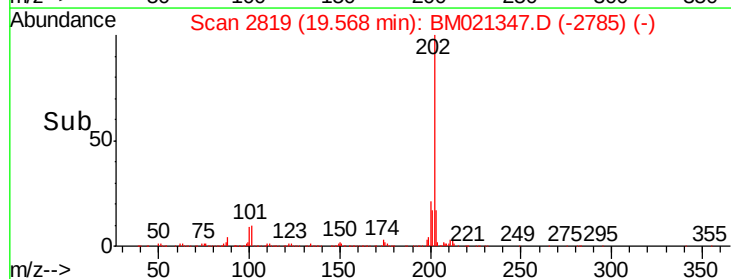
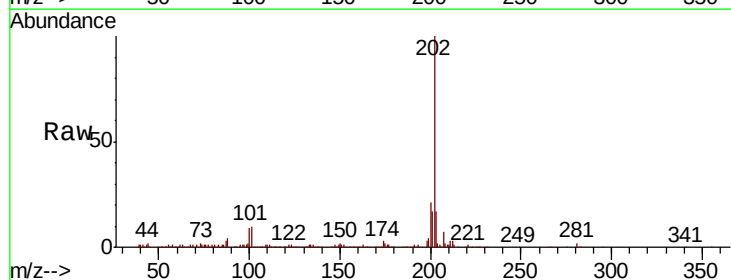
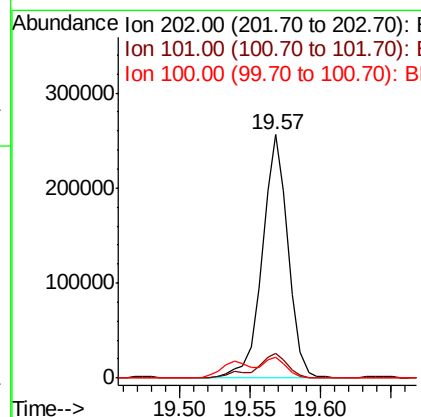
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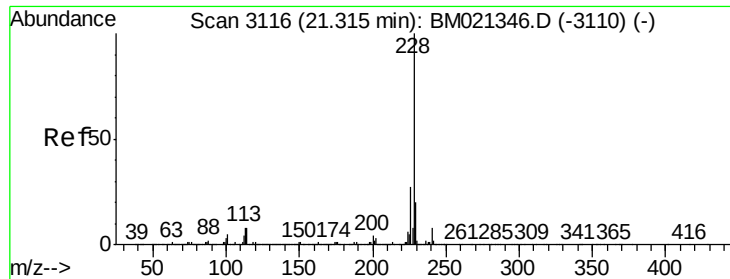
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#79
Pyrene
Concen: 6.103 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BM021347.D
Acq: 02 Jul 2019 17:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		329429		
101	10.2	8.1	12.1		
100	8.7	6.6	10.0		





#82

Benzo(a)anthracene

Concen: 3.564 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BM021347.D

Acq: 02 Jul 2019 17:35

Instrument :

BNA_M

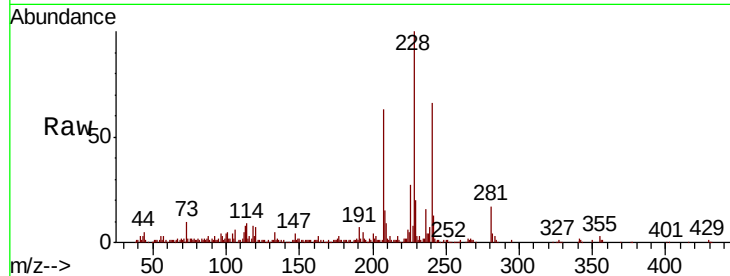
ClientSampleId :

C5BD9

Tot Ion:	228	Resp:	185492
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.8	23.8
226	26.5	21.4	32.2

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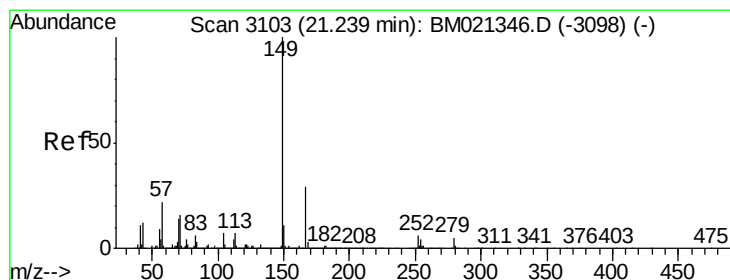
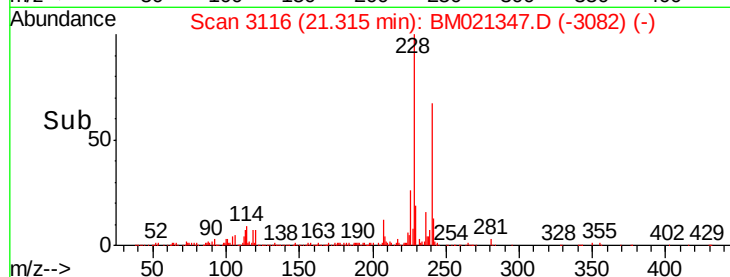
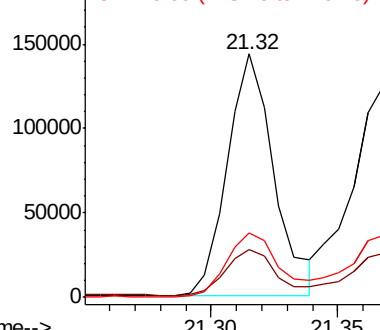


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.300 ng/ul

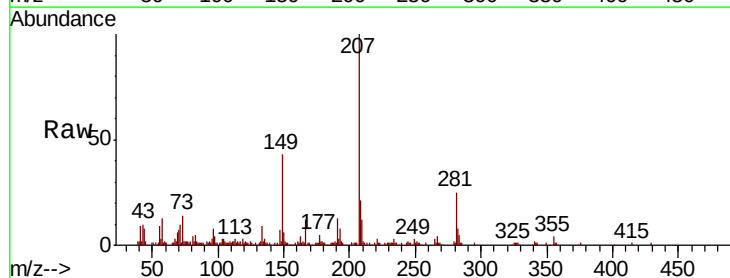
RT: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM021347.D

Acq: 02 Jul 2019 17:35

Tgt Ion:	149	Resp:	36994
Ion Ratio	Lower	Upper	
149	100		
167	26.9	22.3	33.5
279	5.2	3.8	5.6

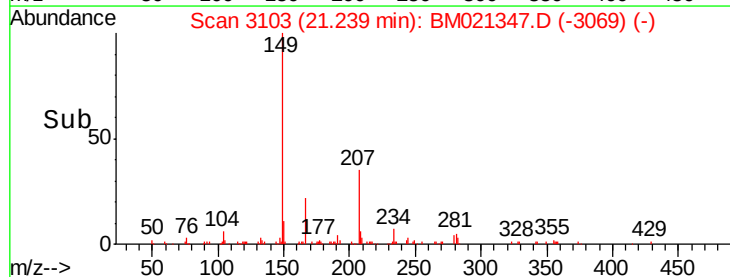
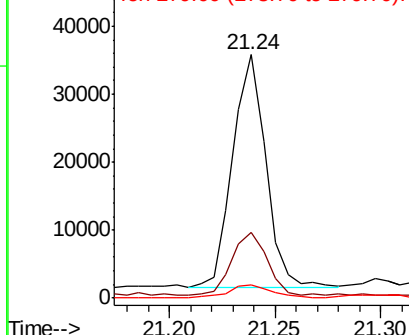


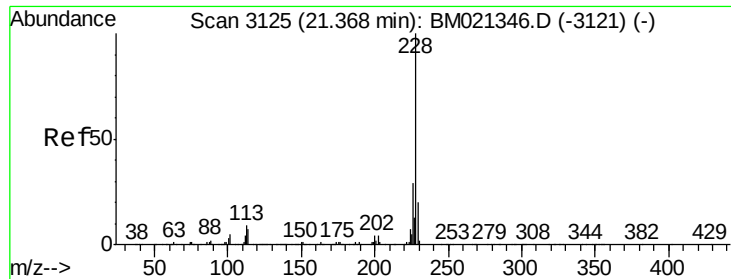
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 3.727 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BM021347.D

Acq: 02 Jul 2019 17:35

Instrument :

BNA_M

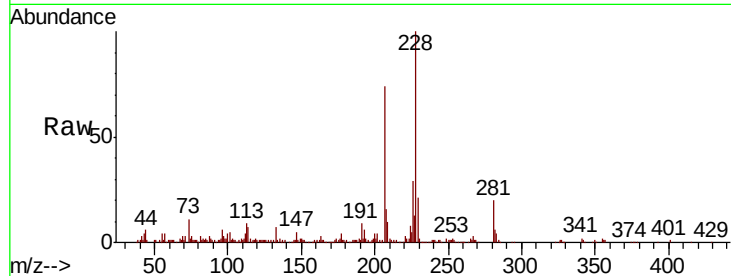
ClientSampleId :

C5BD9

Tot Ion:	228	Resp:	181693
Ion Ratio		Lower	Upper
228	100		
226	28.9	23.9	35.9
229	20.7	15.4	23.2

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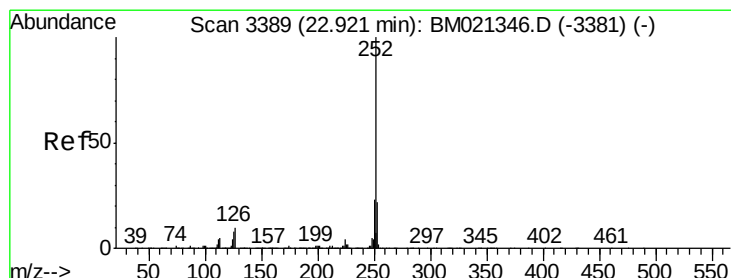
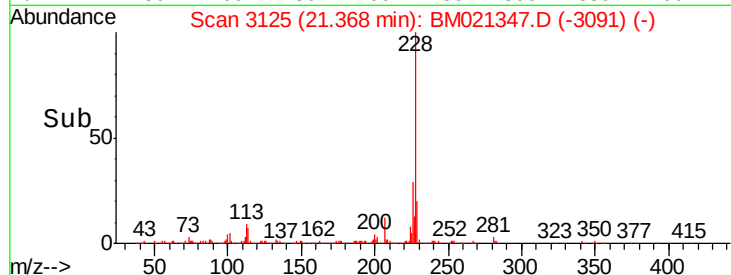
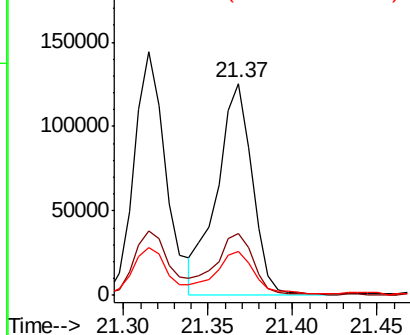


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 4.696 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.00 min

Lab File: BM021347.D

Acq: 02 Jul 2019 17:35

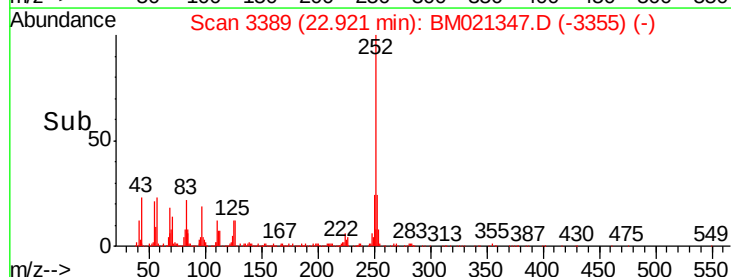
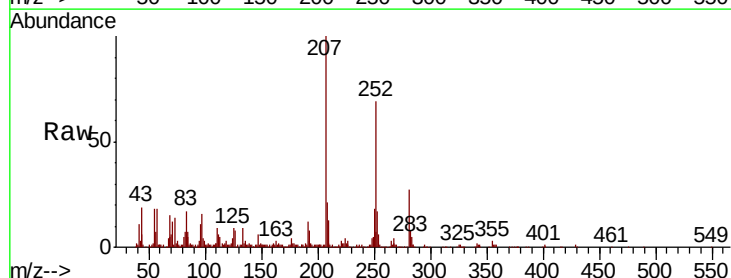
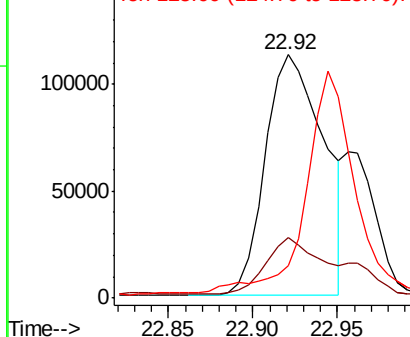
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Ion Ratio		Lower	Upper
252	100		
253	24.8	17.5	26.3
125	13.3	6.3	9.5#

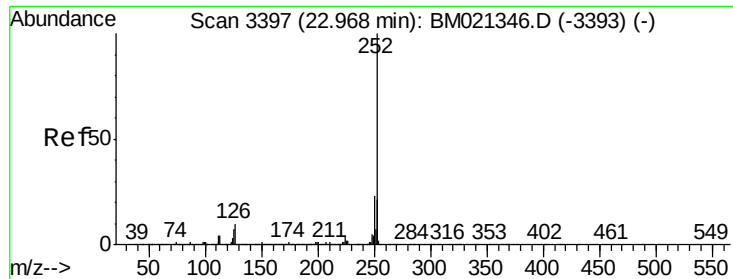
Abundance

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





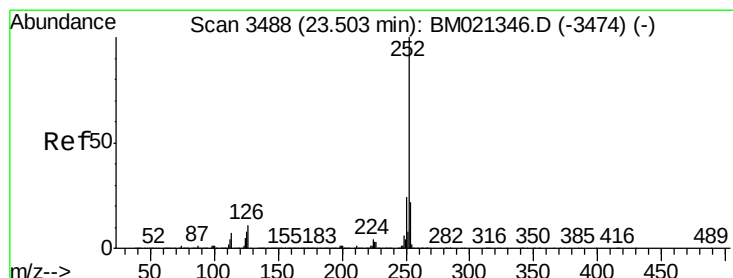
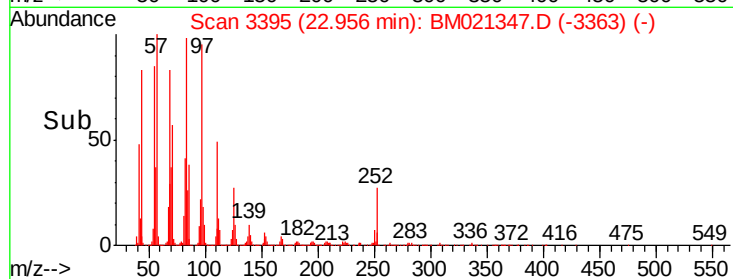
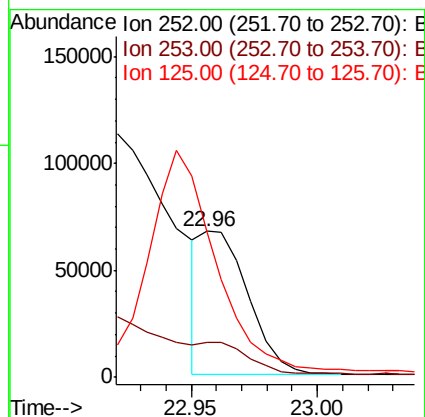
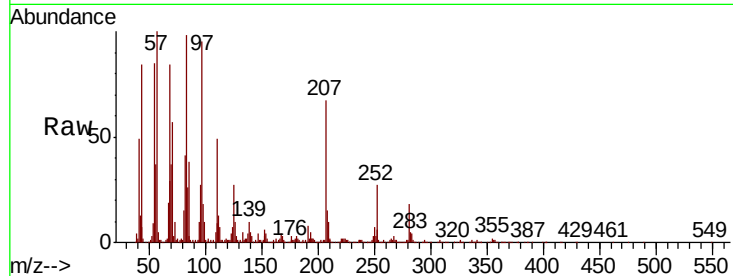
#88
Benzo(k)fluoranthene
Concen: 1.577 ng/ul m
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM021347.D
Acq: 02 Jul 2019 17:35

Instrument :
BNA_M
ClientSampleId :
C5BD9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	99.5	6.6	9.8#

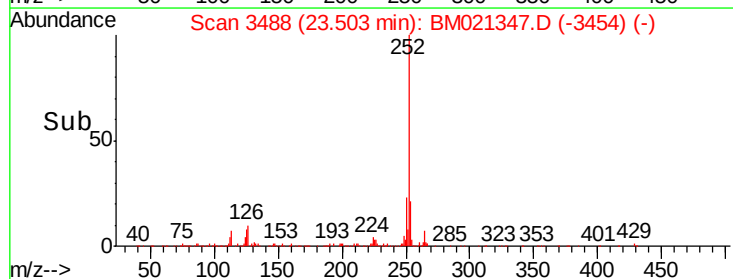
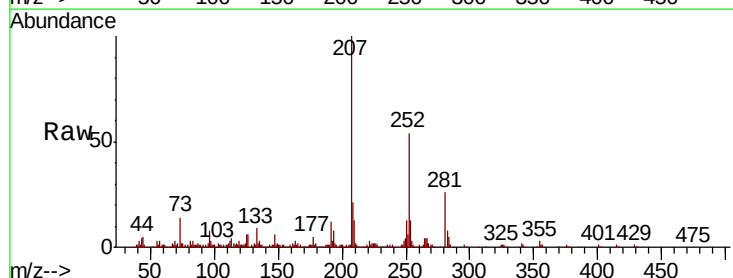
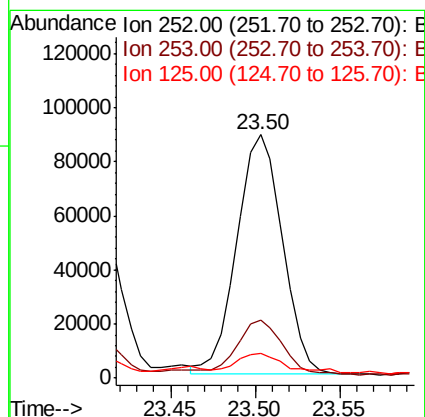
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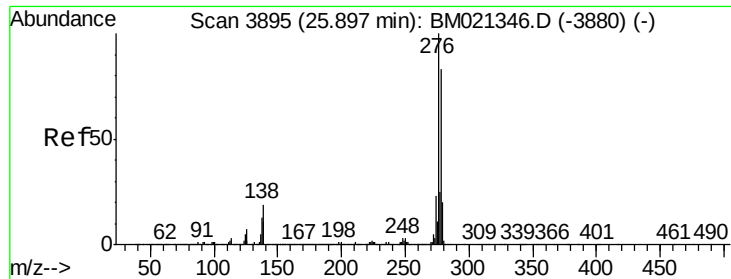
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7/3/2019 10:51:00 PM



#90
Benzo(a)pyrene
Concen: 3.064 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. -0.00 min
Lab File: BM021347.D
Acq: 02 Jul 2019 17:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	10.4	7.2	10.8





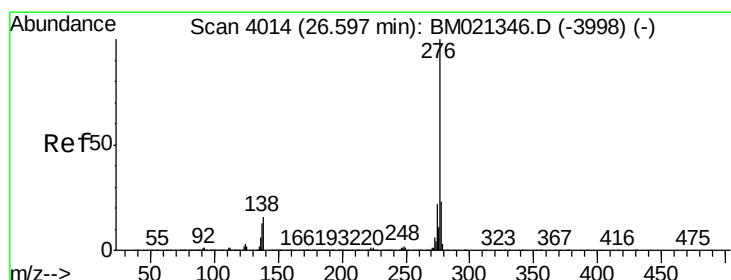
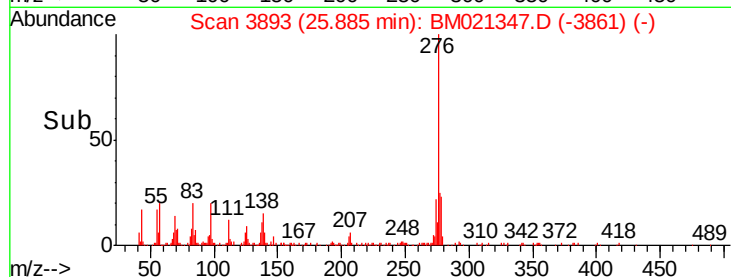
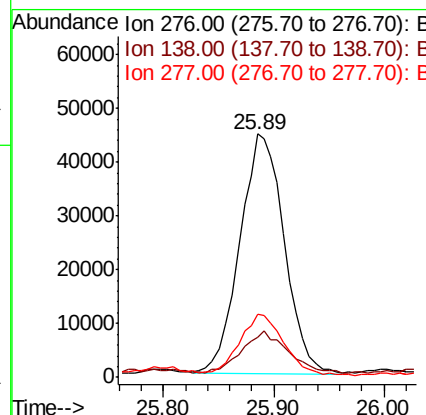
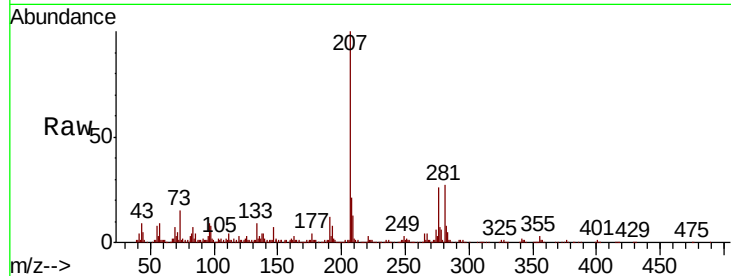
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.977 ng/ul
RT: 25.89 min Scan# 3893
Delta R.T. -0.01 min
Lab File: BM021347.D
Acq: 02 Jul 2019 17:35

Instrument :
BNA_M
ClientSampleId :
C5BD9

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.9	23.9
277	25.8	20.4	30.6

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 1.869 ng/ul
RT: 26.59 min Scan# 4013
Delta R.T. -0.01 min
Lab File: BM021347.D
Acq: 02 Jul 2019 17:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	14.6	21.8
277	22.9	18.9	28.3

