Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022328.D
Acq On : 26 Aug 2019 13:29
Operator : HP/JU
Sample : K4373-15DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 27 10:59:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 10:56:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	29394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	137860	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	100097	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	236728	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	233362	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	203989	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.77	99	2505	0.99	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.91	67	7703	5.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	9381	4.58	ng/ul	0.01
13) 4-Methylphenol-d8	8.28	113	5740	2.61	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	5240	5.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	6241	5.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	12741	5.23	ng/ul	0.01
29) 4-Chloroaniline-d4	10.49	131	823	0.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	54725	6.21	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	56605	5.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	229	0.18	ng/ul	0.06
57) Fluorene-d10	15.21	176	47853	6.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	6444	3.53	ng/ul	0.00
70) Anthracene-d10	17.07	188	82449	6.58	ng/ul	0.00
78) Pyrene-d10	19.37	212	100787	8.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	74920	6.69	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.70	117	4631	4.442	ng/ul#	1
28) Naphthalene	10.37	128	415447	54.607	ng/ul	99
30) 4-Chloroaniline	10.37	127	55687	18.062	ng/ul#	8
34) 2-Methylnaphthalene	11.99	142	15941	2.719	ng/ul	97
40) 1,1'-Biphenyl	13.03	154	10761	1.321	ng/ul#	96
49) Acenaphthene	14.27	153	220221	31.505	ng/ul	97
53) Dibenzofuran	14.61	168	153798	14.773	ng/ul	100
58) Fluorene	15.26	166	82900	9.454	ng/ul	99
69) Phenanthrene	17.01	178	198673	14.028	ng/ul	97
71) Anthracene	17.10	178	36022	2.444	ng/ul	97
74) Carbazole	17.39	167	38891	2.922	ng/ul	99
76) Fluoranthene	19.04	202	98428	4.612	ng/ul	99
79) Pyrene	19.40	202	64610	4.277	ng/ul	100

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

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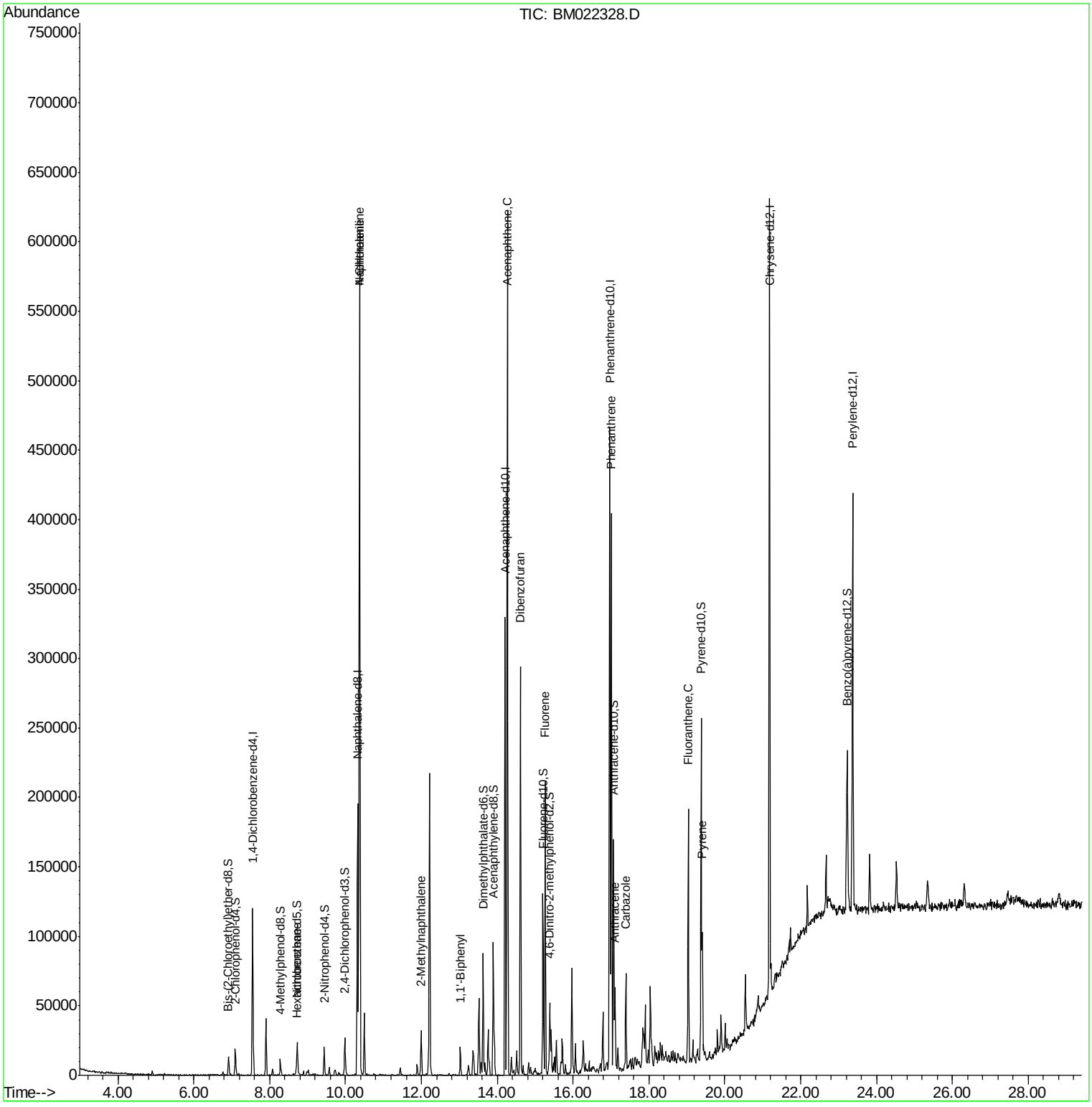
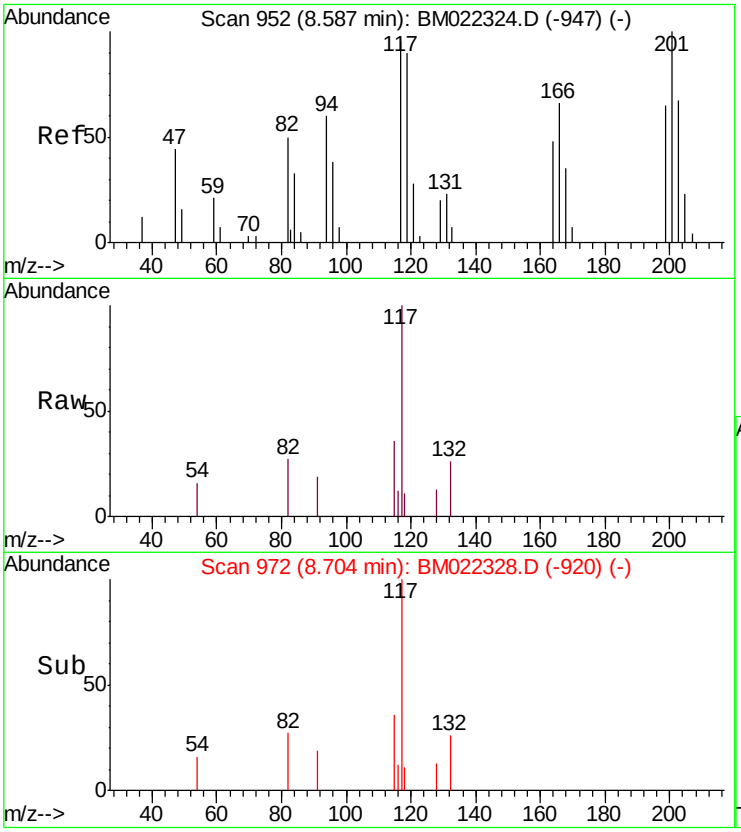
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 27 10:59:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 10:56:53 2019
Response via : Initial Calibration



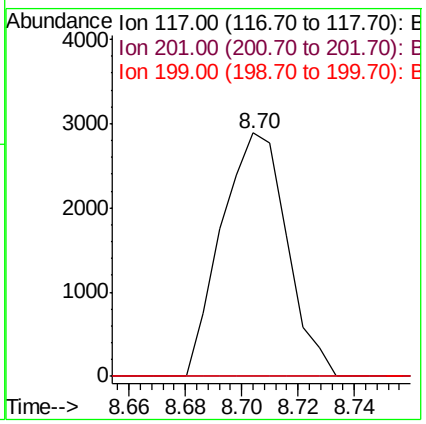


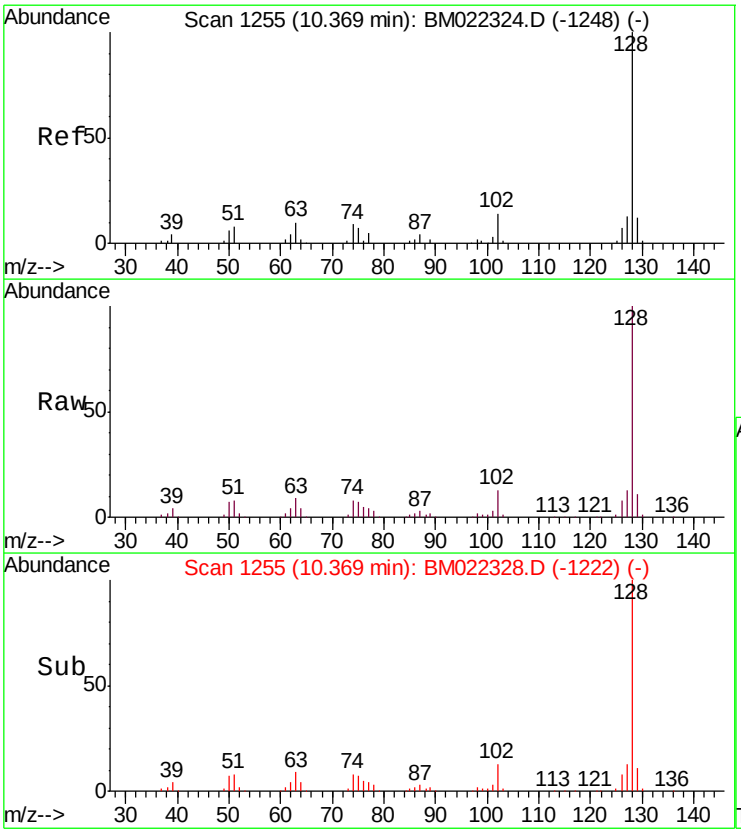
#17
Hexachloroethane
Concen: 4.442 ng/ul
RT: 8.70 min Scan# 972
Delta R.T. 0.11 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 4631

Ion	Ratio	Lower	Upper
117	100		
201	0.0	95.9	143.9#
199	0.0	60.6	90.8#

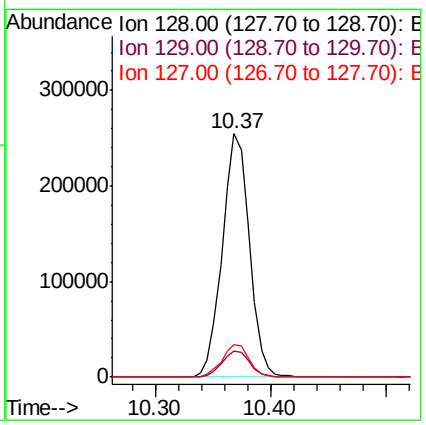


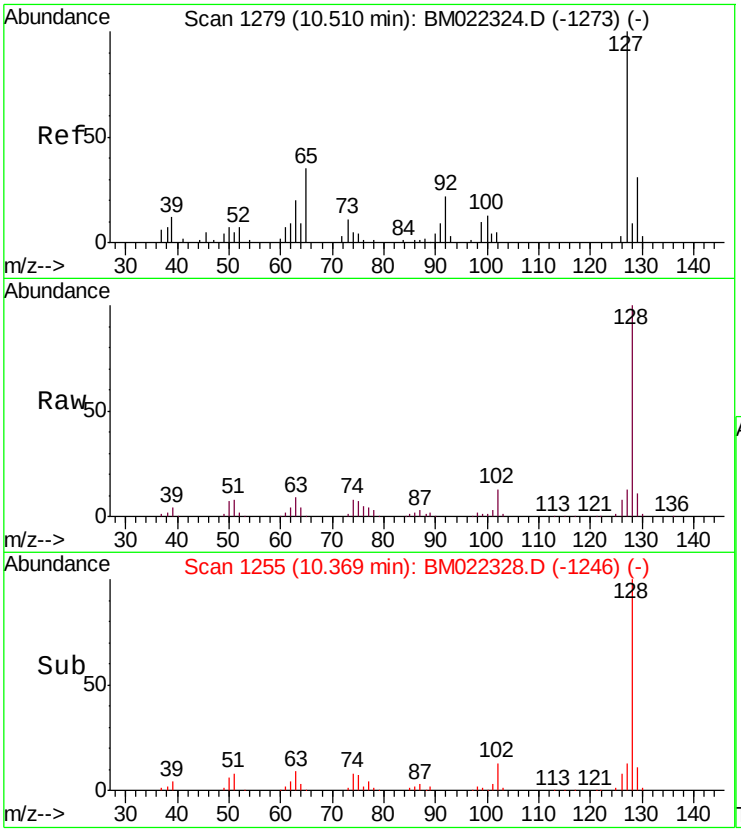


#28
Naphthalene
Concen: 54.607 ng/ul
RT: 10.37 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Tgt Ion:128 Resp: 415447

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.4	10.4	15.6



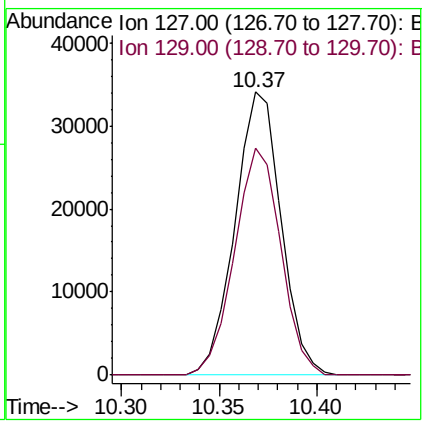


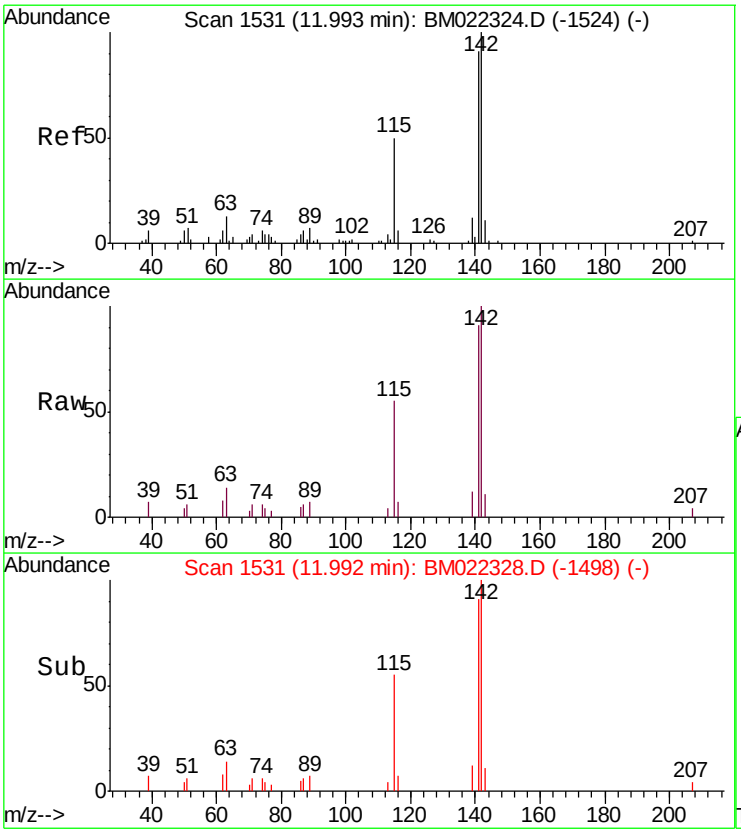
#30
4-Chloroaniline
Concen: 18.062 ng/ul
RT: 10.37 min Scan# 1255
Delta R.T. -0.15 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 55687

Ion	Ratio	Lower	Upper
127	100		
129	80.2	24.2	36.4#

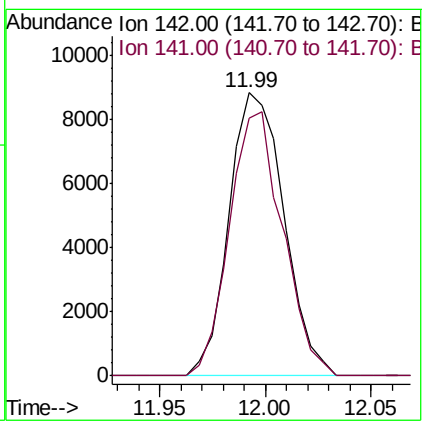


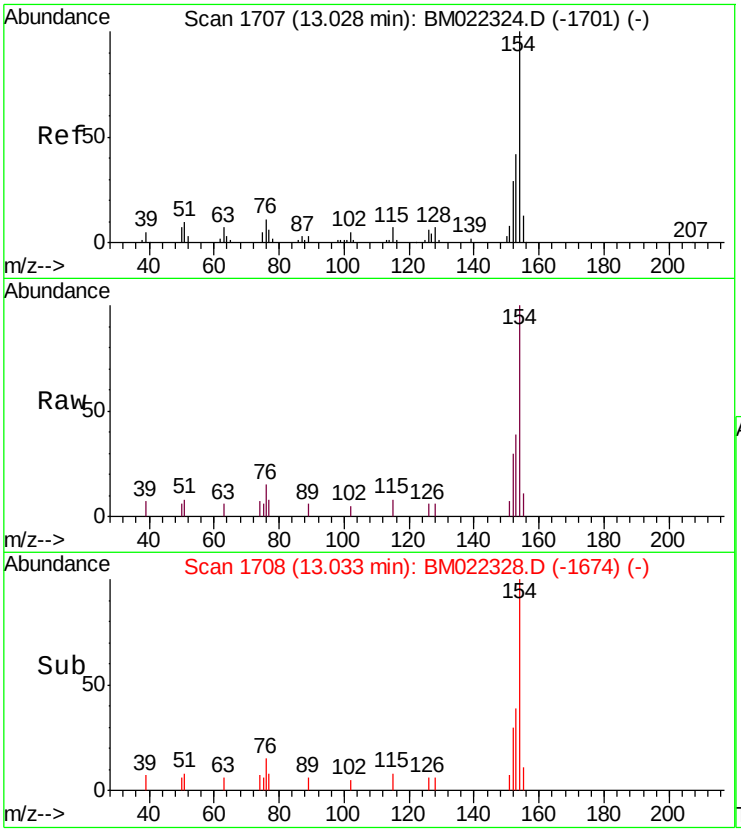


#34
2-Methylnaphthalene
Concen: 2.719 ng/ul
RT: 11.99 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Tgt Ion:142 Resp: 15941

Ion	Ratio	Lower	Upper
142	100		
141	91.2	75.1	112.7



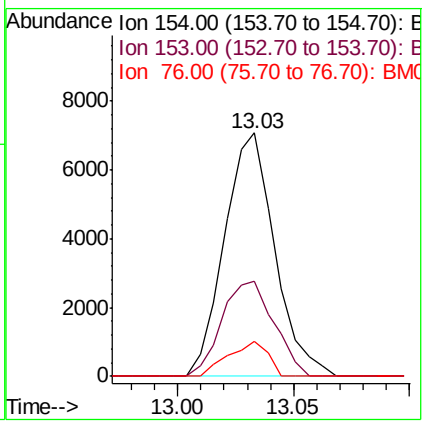


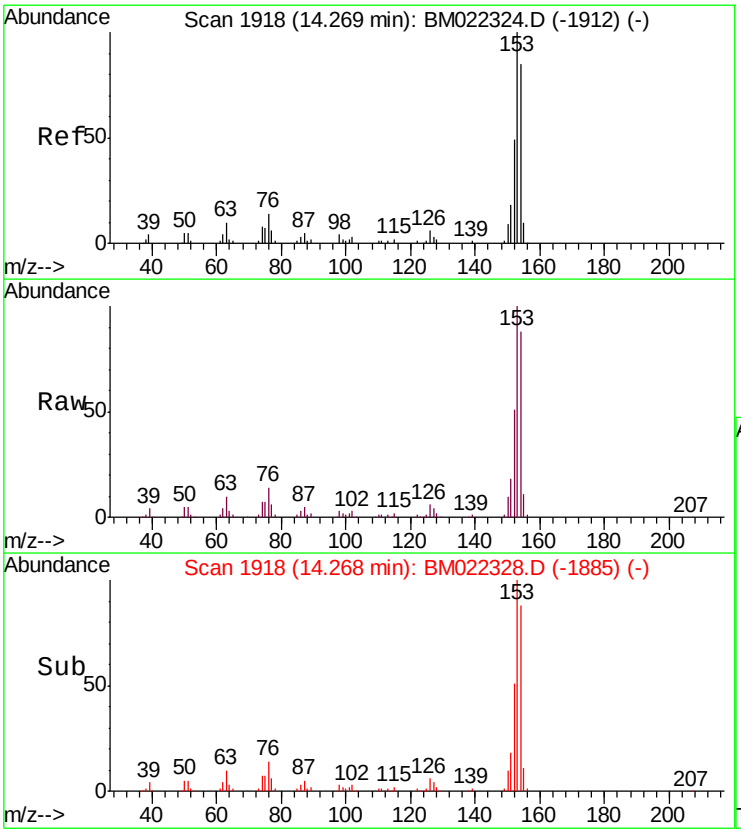
#40
1,1'-Biphenyl
Concen: 1.321 ng/ul
RT: 13.03 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 10761

Ion	Ratio	Lower	Upper
154	100		
153	39.0	32.5	48.7
76	14.6	9.2	13.8#

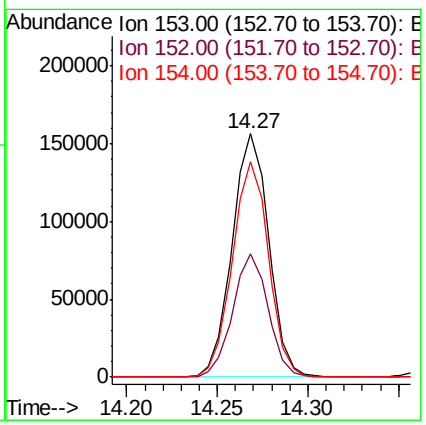


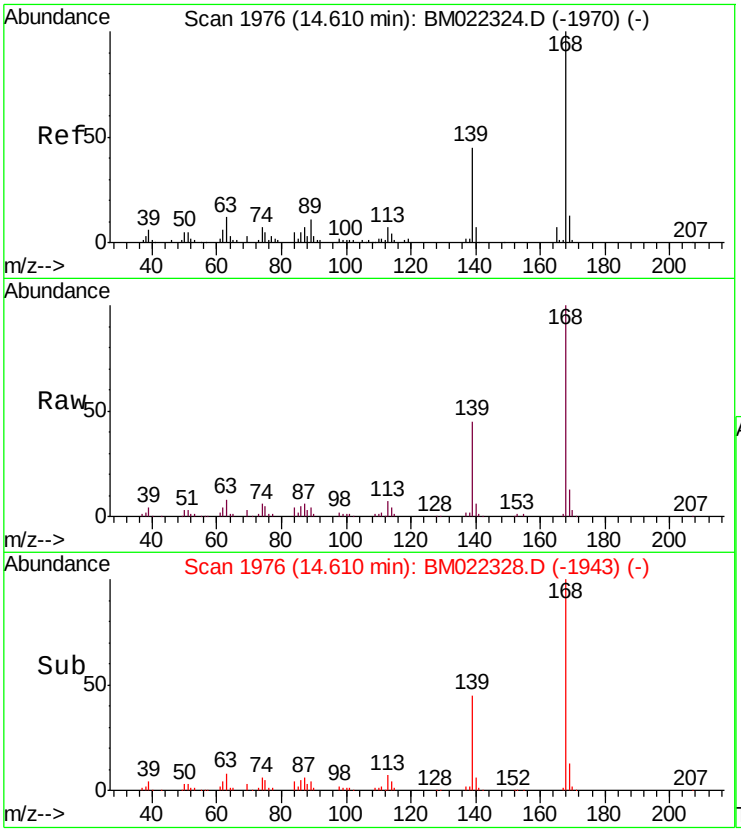


#49
Acenaphthene
Concen: 31.505 ng/ul
RT: 14.27 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Tgt Ion:153 Resp: 220221

Ion	Ratio	Lower	Upper
153	100		
152	50.5	38.6	58.0
154	88.5	68.9	103.3



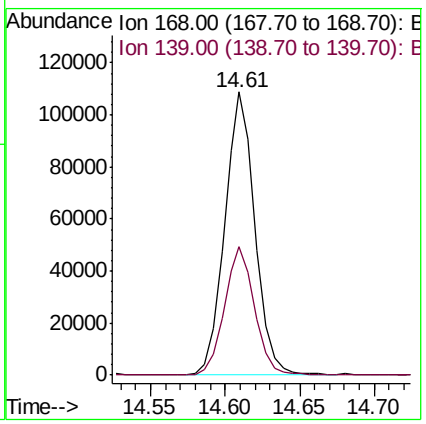


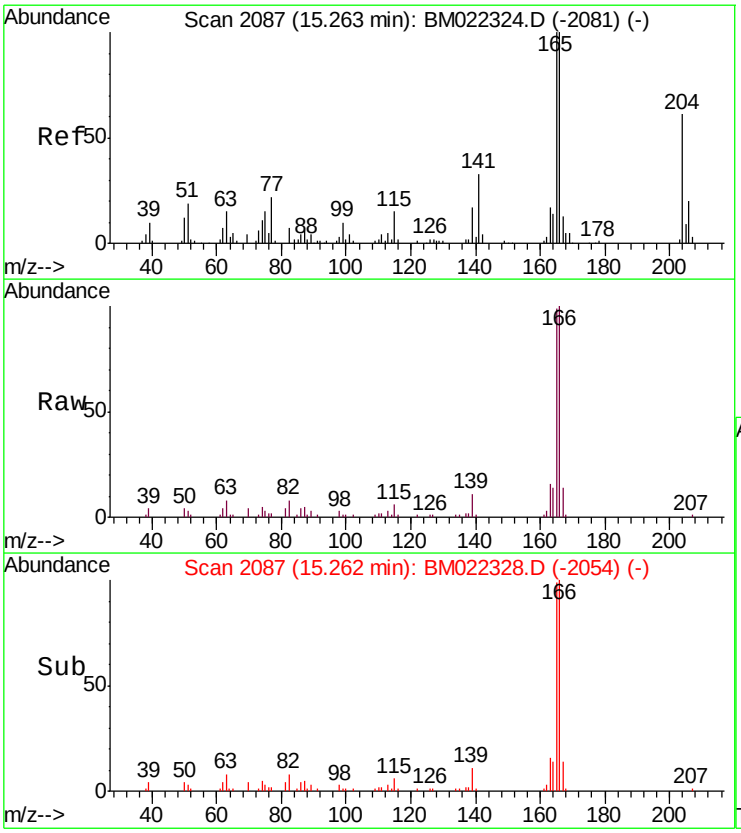
#53
Dibenzofuran
Concen: 14.773 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 153798

Ion	Ratio	Lower	Upper
168	100		
139	45.4	36.2	54.4

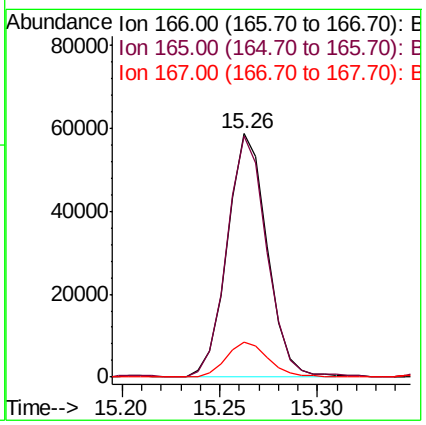


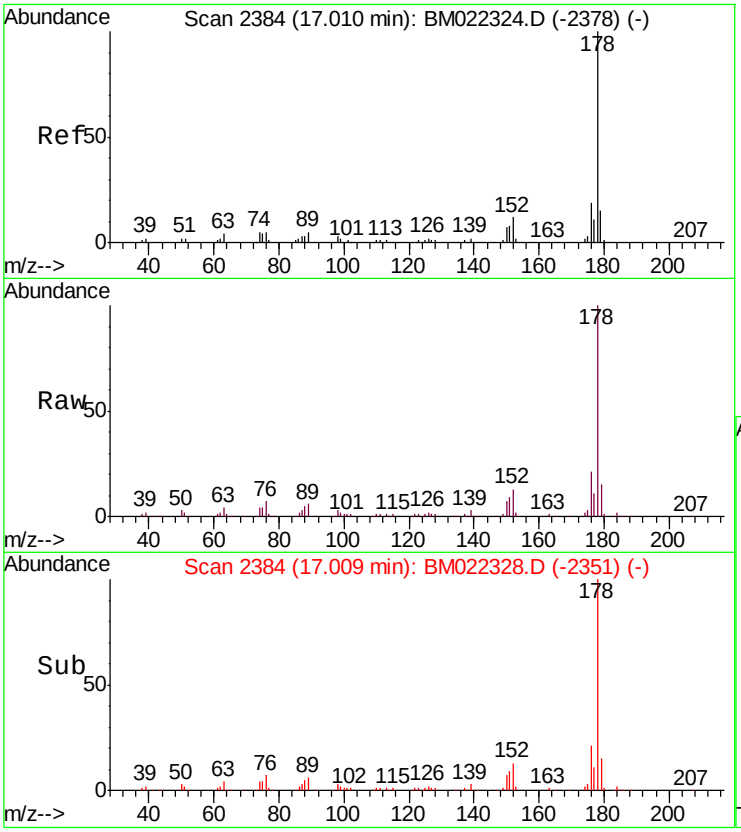


#58
Fluorene
Concen: 9.454 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Tgt Ion:166 Resp: 82900

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.2	120.2
167	14.4	11.4	17.0



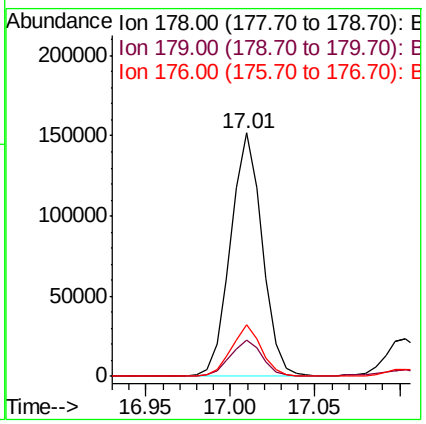


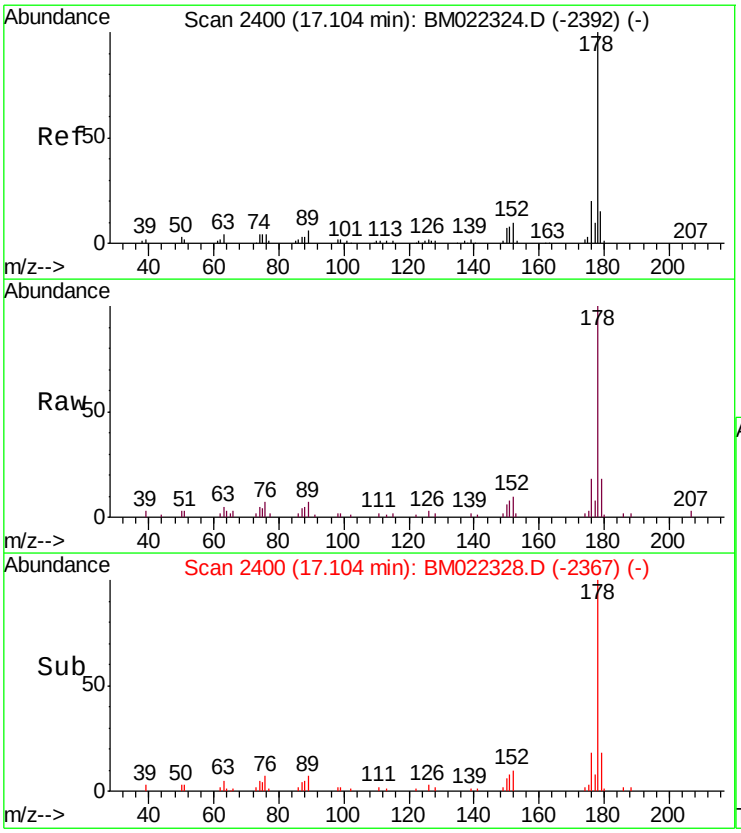
#69
Phenanthrene
Concen: 14.028 ng/ul
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 198673

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	21.1	15.4	23.0

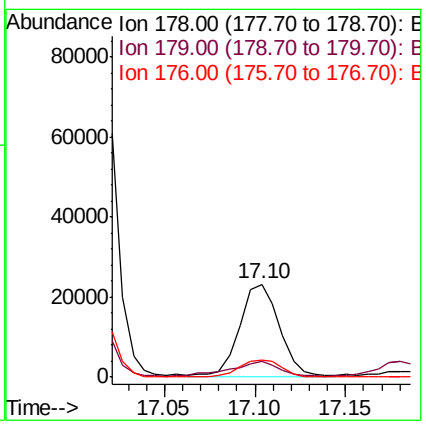


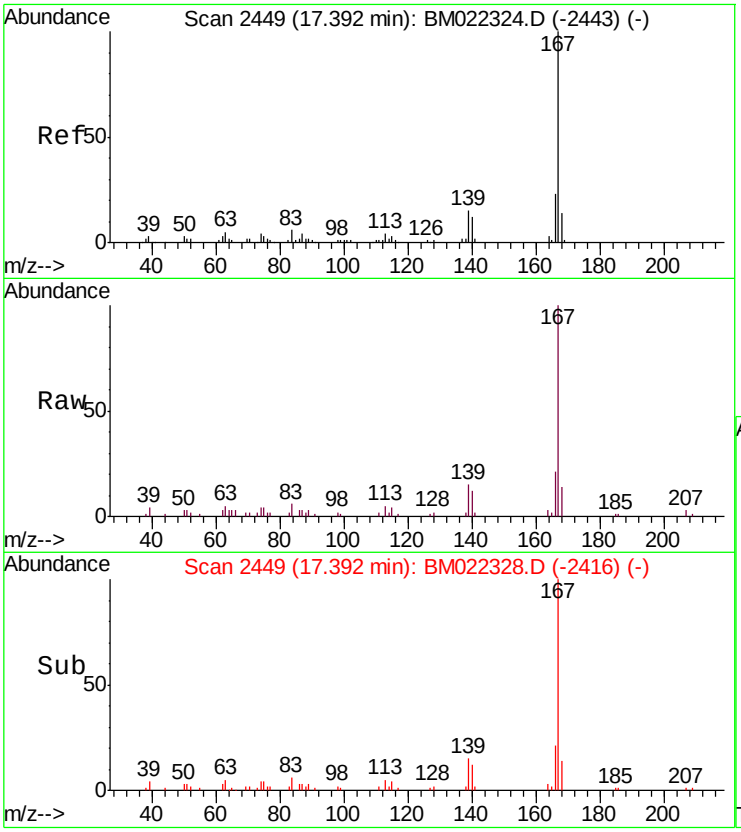


#71
Anthracene
Concen: 2.444 ng/ul
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Tgt Ion:178 Resp: 36022

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.3	18.5
176	18.5	15.5	23.3



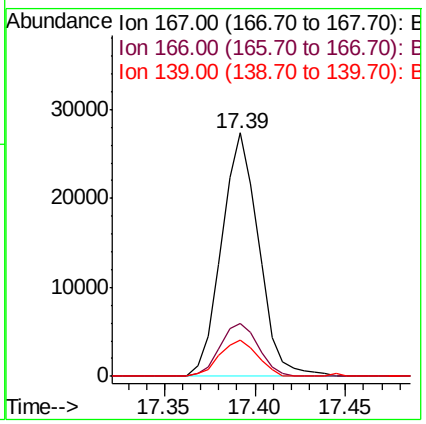


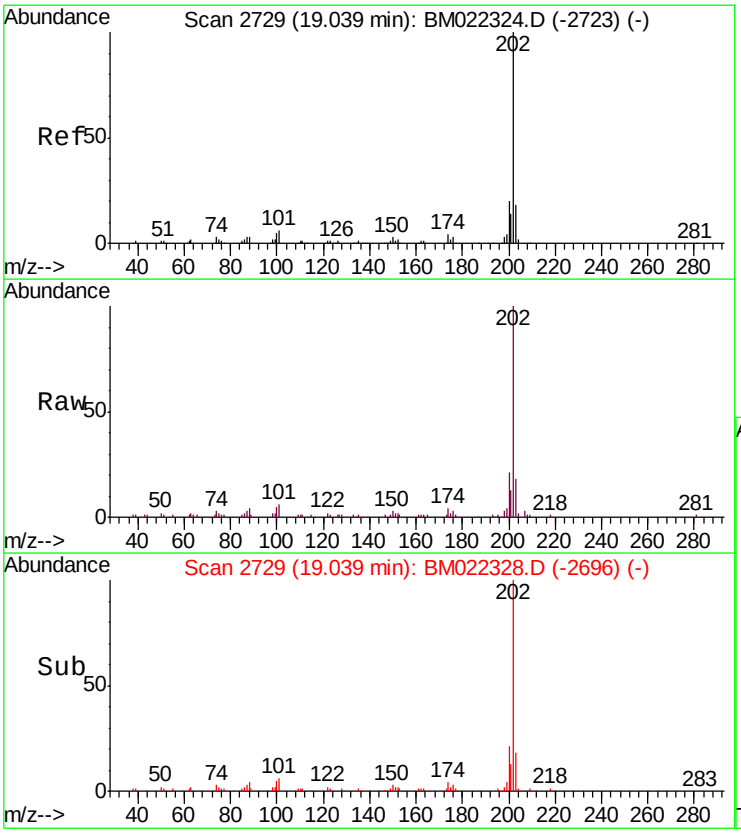
#74
Carbazole
Concen: 2.922 ng/ul
RT: 17.39 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 38891

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.8
139	14.7	11.8	17.8

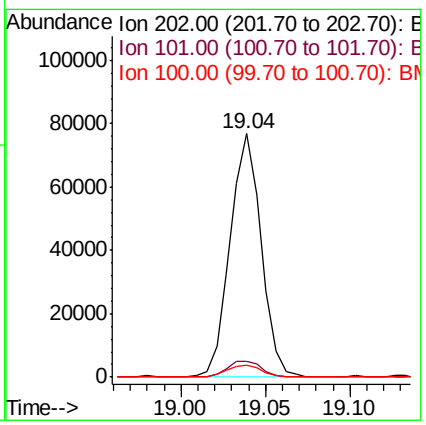


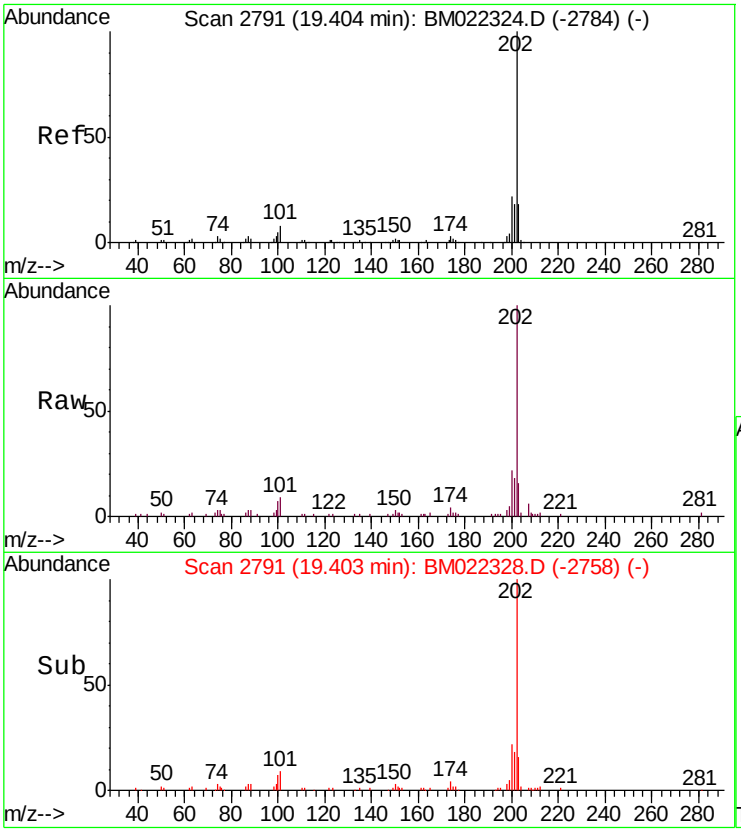


#76
Fluoranthene
Concen: 4.612 ng/ul
RT: 19.04 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Tgt Ion:202 Resp: 98428

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.3	7.9
100	5.0	4.6	6.8





#79
Pyrene
Concen: 4.277 ng/ul
RT: 19.40 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM022328.D
Acq: 26 Aug 2019 13:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 64610

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.4
100	7.1	5.8	8.8