Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027240.D
Acq On : 26 Aug 2020 08:49
Operator : JU/CG
Sample : L3613-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFR5

Quant Time: Aug 26 10:14:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 25 15:35:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	192802	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	800450	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	556300	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.98	188	1244981	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1231594	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	967044	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	10389	3.05	ng/uL	0.00
5) Phenol-d5	6.78	99	229962	14.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	156947	15.52	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.13	132	179877	14.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	125244	9.98	ng/ul	-0.01
19) Nitrobenzene-d5	8.74	128	90080	14.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	105319	14.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	206812	13.71	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.50	131	162509	10.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	738096	16.72	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	812302	15.56	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.44	143	100043	13.44	ng/ul	-0.01
58) Fluorene-d10	15.23	176	626959	16.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	102432	12.61	ng/ul	-0.01
71) Anthracene-d10	17.08	188	956729	16.19	ng/ul	0.00
79) Pyrene-d10	19.38	212	1147371	16.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	904440	16.78	ng/ul	-0.02
Target Compounds						Qvalue
45) Dimethylphthalate	13.70	163	187719	4.098	ng/ul	99
70) Phenanthrene	17.02	178	88088	1.240	ng/ul	98
77) Fluoranthene	19.04	202	300309	3.528	ng/ul	99
80) Pyrene	19.41	202	245385	2.583	ng/ul	100
83) Benzo(a)anthracene	21.17	228	114961	1.408	ng/ul	95
85) Chrysene	21.22	228	144482	1.848	ng/ul	97
88) Benzo(b)fluoranthene	22.71	252	165188	2.396	ng/ul#	97
91) Benzo(a)pyrene	23.26	252	88764	1.467	ng/ul#	95

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

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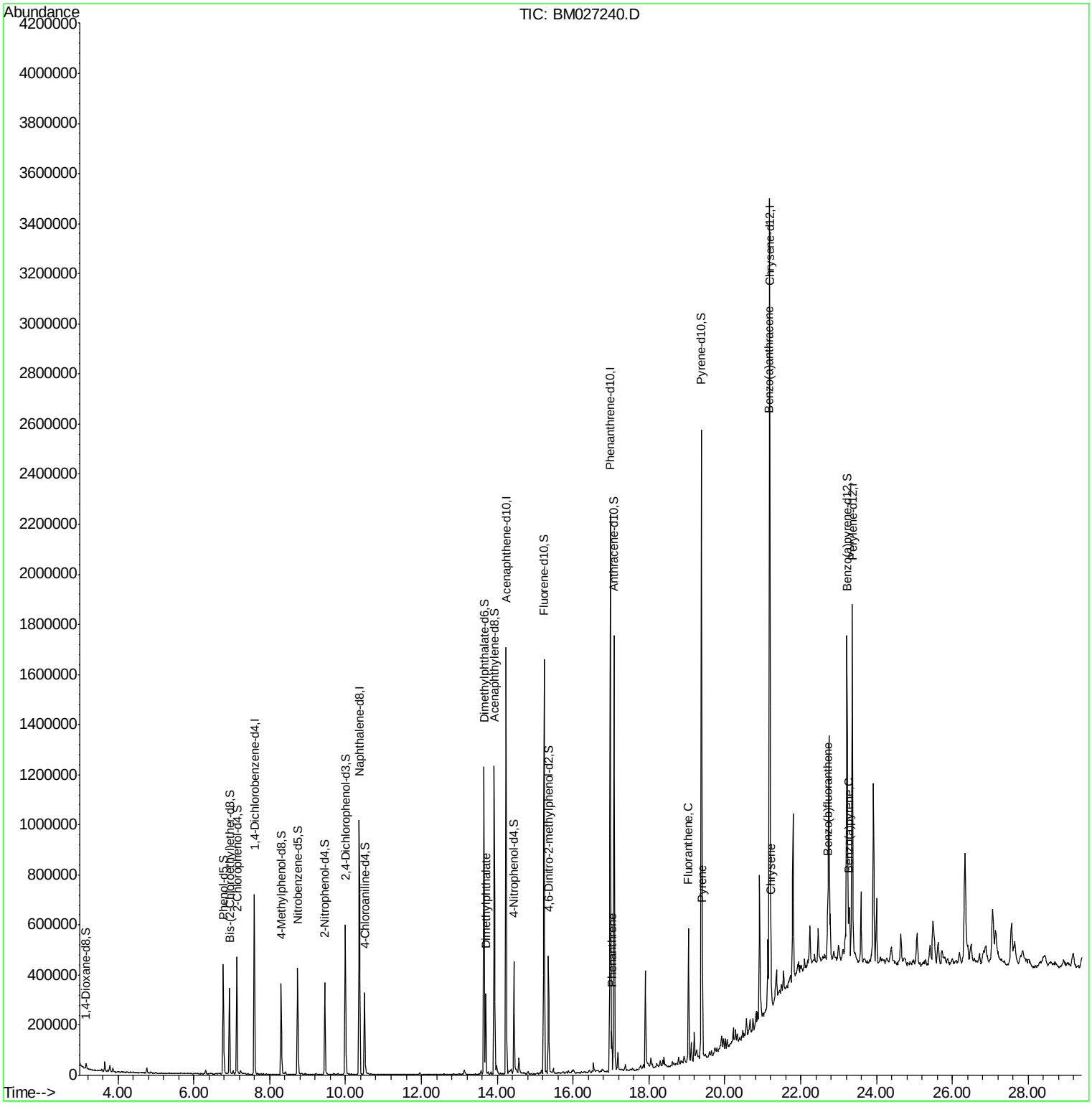
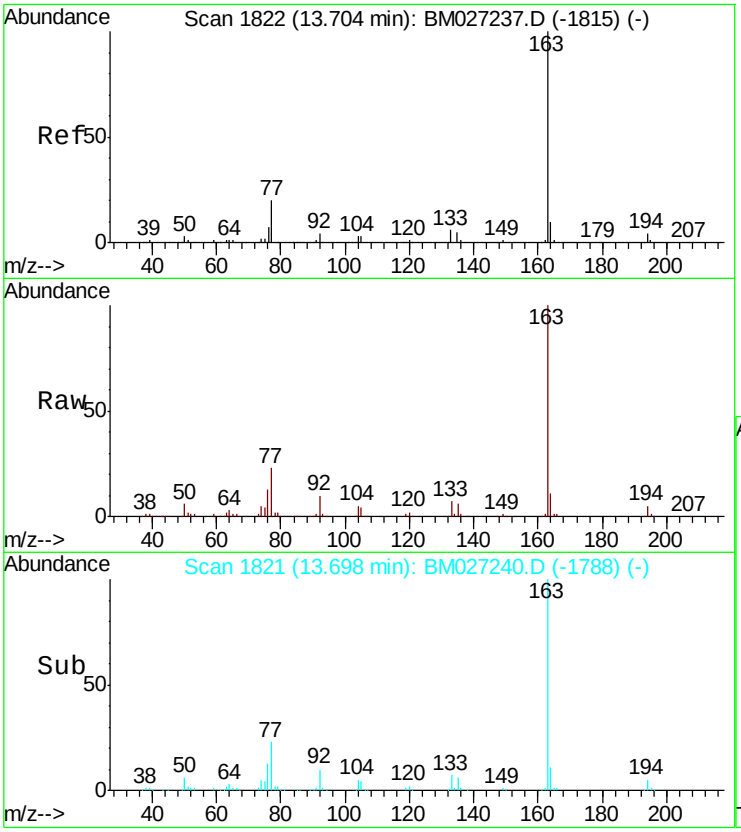


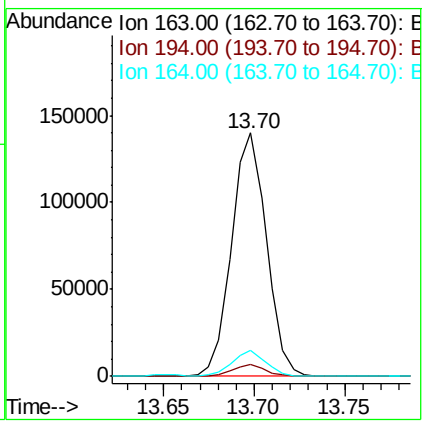


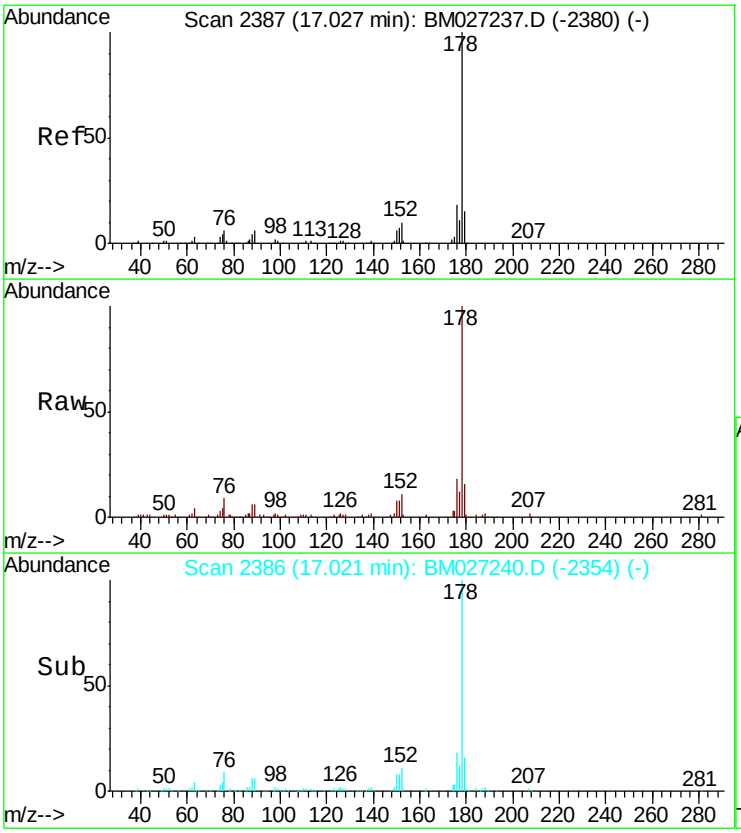
#45
Dimethylphthalate
Concen: 4.098 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM027240.D
Acq: 26 Aug 2020 08:49

Instrument :
BNA_M
ClientSampleId :
DBFR5

Tgt Ion:163 Resp: 187719

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.5	8.2	12.2

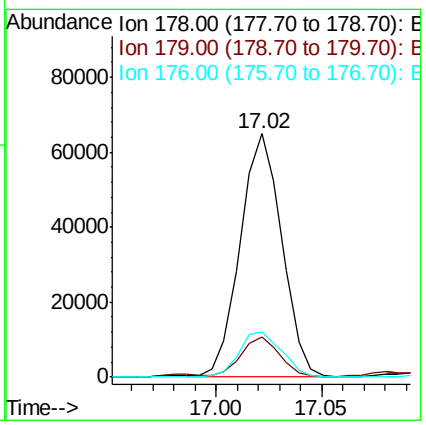


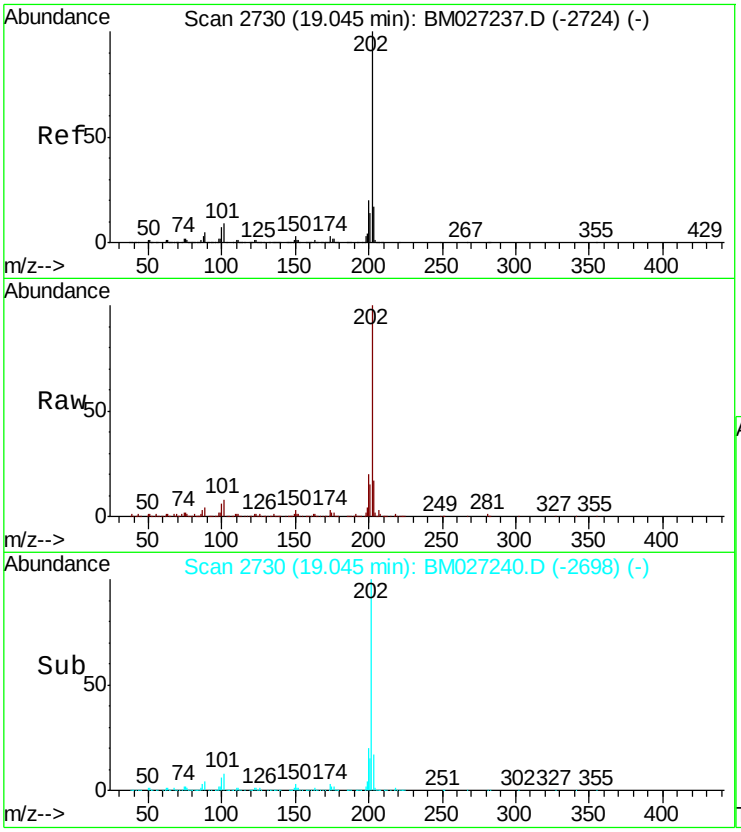


#70
Phenanthrene
Concen: 1.240 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM027240.D
Acq: 26 Aug 2020 08:49

Tgt Ion:178 Resp: 88088

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.0	18.0
176	18.4	14.6	22.0



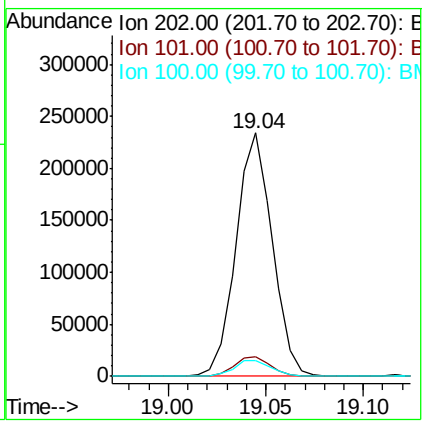


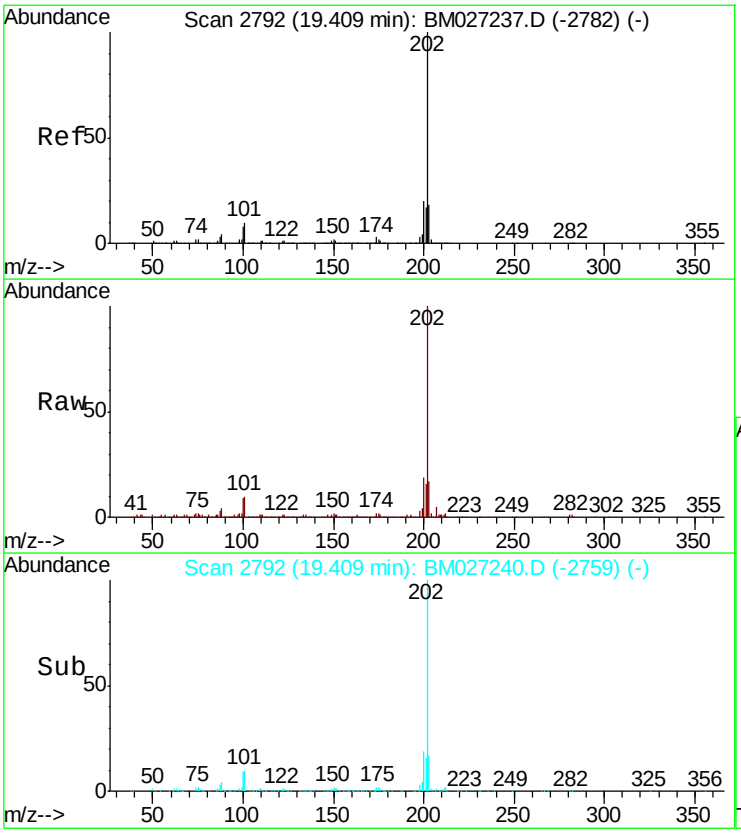
#77
Fluoranthene
Concen: 3.528 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BM027240.D
Acq: 26 Aug 2020 08:49

Instrument :
BNA_M
ClientSampleId :
DBFR5

Tgt Ion:202 Resp: 300309

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.4	9.6
100	6.4	5.0	7.6

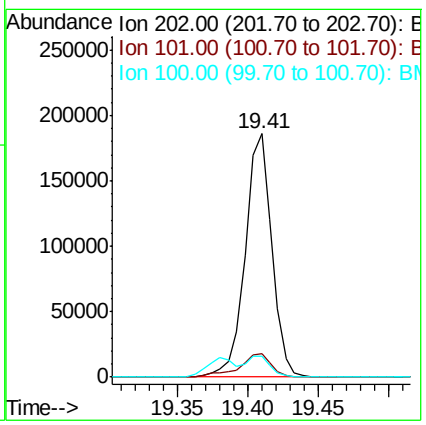


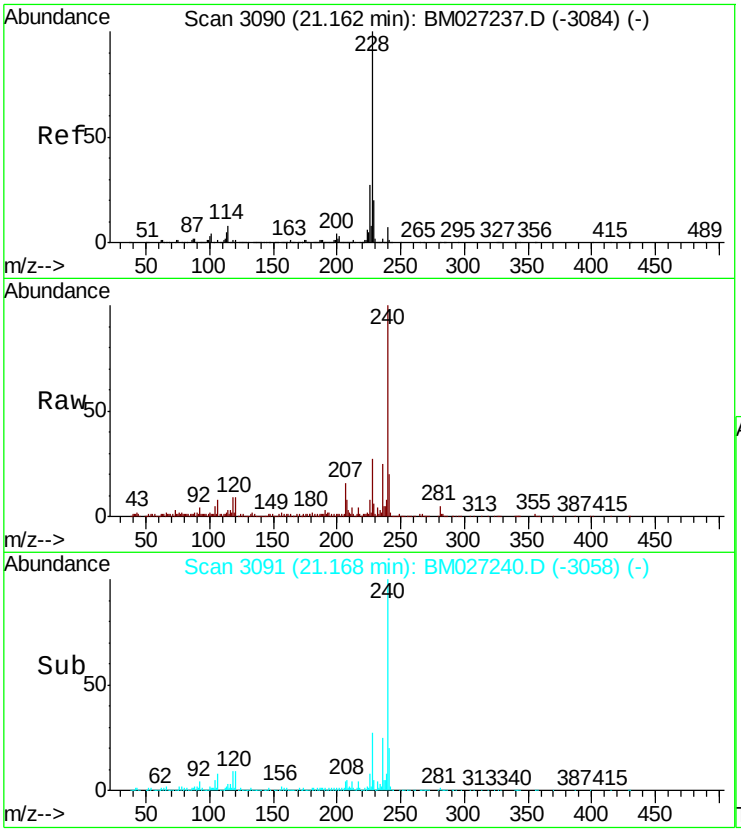


#80
Pyrene
Concen: 2.583 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM027240.D
Acq: 26 Aug 2020 08:49

Tgt Ion:202 Resp: 245385

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
100	8.5	6.8	10.2



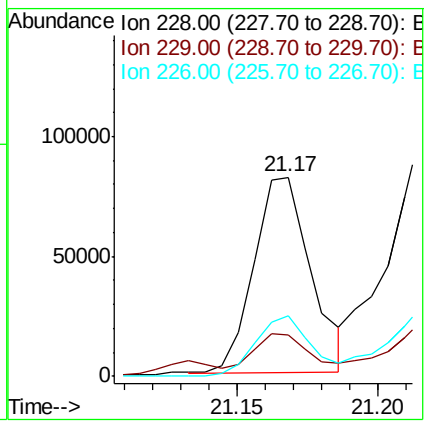


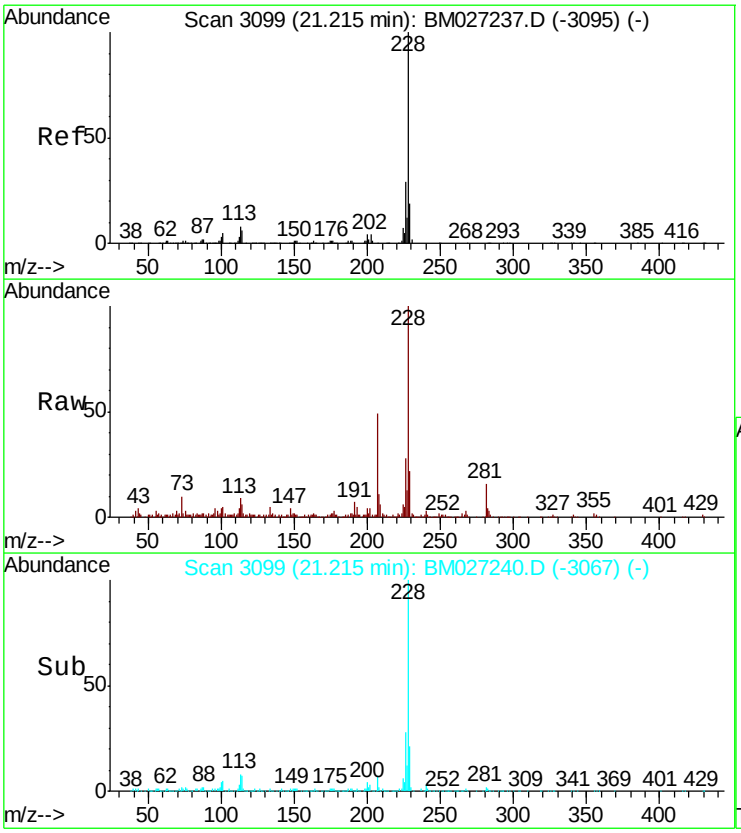
#83
Benzo(a)anthracene
Concen: 1.408 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM027240.D
Acq: 26 Aug 2020 08:49

Instrument :
BNA_M
ClientSampleId :
DBFR5

Tgt Ion:228 Resp: 114961

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.5	23.3
226	30.1	21.1	31.7

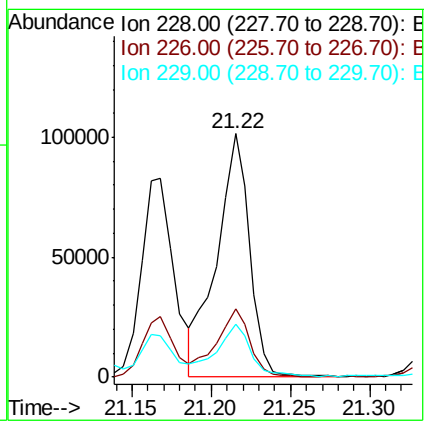


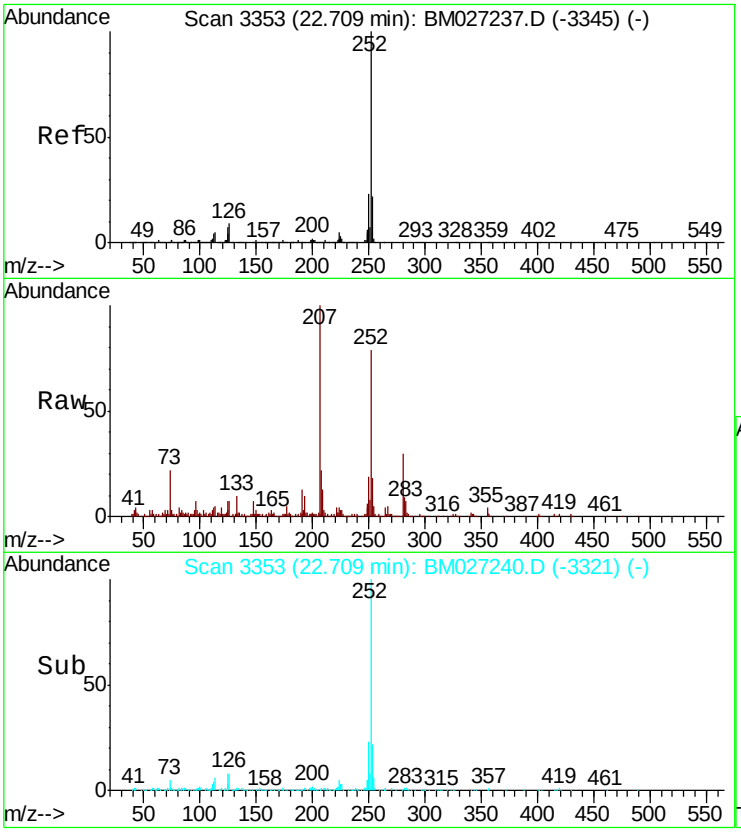


#85
Chrysene
Concen: 1.848 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM027240.D
Acq: 26 Aug 2020 08:49

Tgt Ion:228 Resp: 144482

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.1	34.7
229	21.7	15.5	23.3



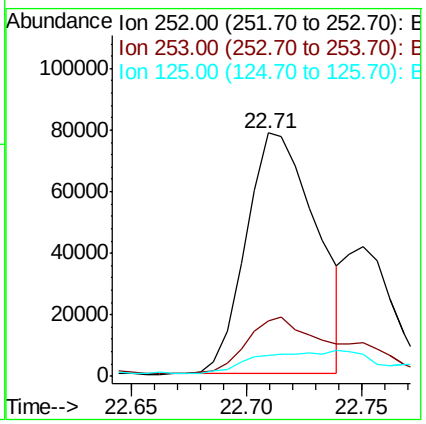


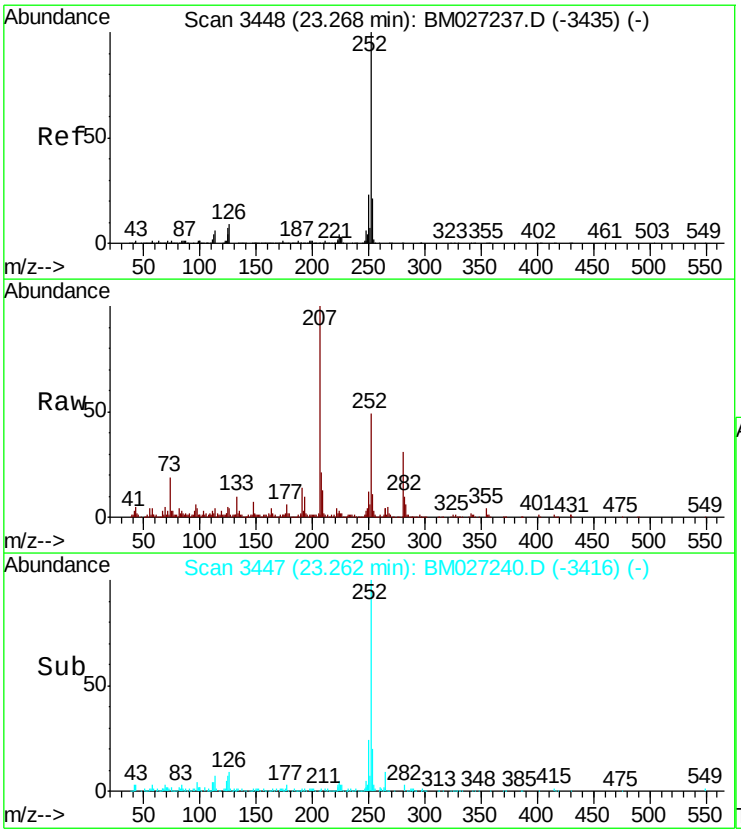
#88
Benzo(b)fluoranthene
Concen: 2.396 ng/ul
RT: 22.71 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BM027240.D
Acq: 26 Aug 2020 08:49

Instrument :
BNA_M
ClientSampleId :
DBFR5

Tgt Ion:252 Resp: 165188

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	8.8	5.6	8.4#





#91
Benzo(a)pyrene
Concen: 1.467 ng/ul
RT: 23.26 min Scan# 3447
Delta R.T. -0.02 min
Lab File: BM027240.D
Acq: 26 Aug 2020 08:49

Tgt Ion:252 Resp: 88764

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	9.4	6.0	9.0#