Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029440.D
Acq On : 09 Apr 2021 20:27
Operator : CG/JU
Sample : M1881-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQF9

Quant Time: Apr 09 23:16:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 09 11:03:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	107310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	418996	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	225594	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	389064	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	339114	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	365086	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	7141	2.54	ng/uL	0.00
5) Phenol-d5	6.86	99	143918	16.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	102683	17.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	116999	17.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	79926	11.53	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	55476	19.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	60298	19.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	104250	16.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	118158	15.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	322917	19.99	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	391121	19.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	33308	11.24	ng/ul	0.00
58) Fluorene-d10	15.32	176	262281	19.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	19423	8.78	ng/ul	0.00
71) Anthracene-d10	17.16	188	362547	20.50	ng/ul	0.00
79) Pyrene-d10	19.45	212	368700	22.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	385715	20.71	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	22345	2.330	ng/ul#	89
45) Dimethylphthalate	13.79	163	24064	1.449	ng/ul#	99
70) Phenanthrene	17.10	178	54544	2.435	ng/ul	98
77) Fluoranthene	19.12	202	100506	3.964	ng/ul	99
80) Pyrene	19.48	202	87116	3.879	ng/ul	98
83) Benzo(a)anthracene	21.22	228	35935	1.681	ng/ul	99
85) Chrysene	21.27	228	40091	1.918	ng/ul	97
88) Benzo(b)fluoranthene	22.79	252	56563	2.407	ng/ul#	94
91) Benzo(a)pyrene	23.35	252	37807	1.813	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.66	276	31267	1.146	ng/ul	92
94) Benzo(g,h,i)perylene	26.34	276	27102	1.223	ng/ul	98

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

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Instrument :
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Quant Title : SVOA CALIBRATION
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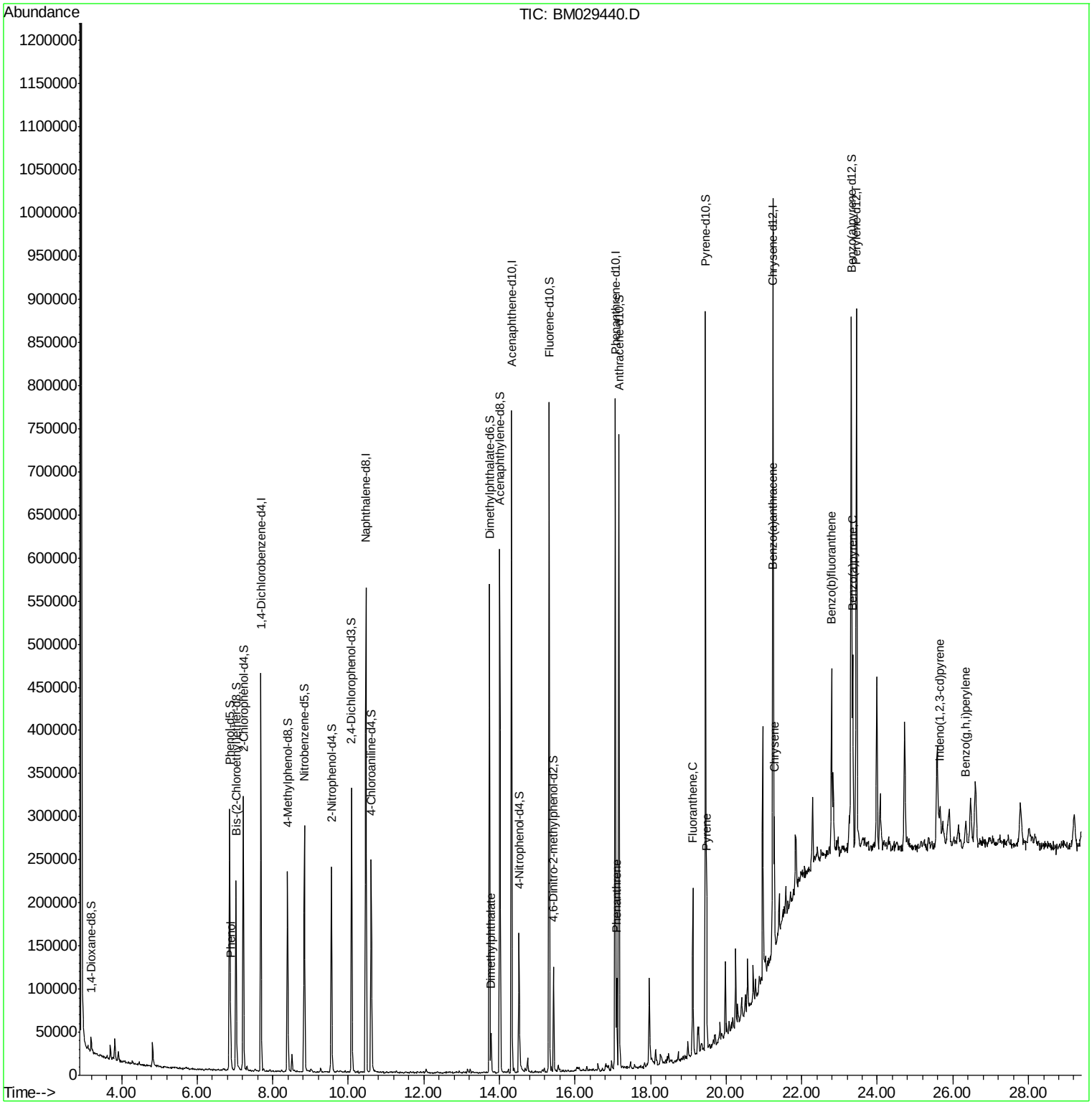
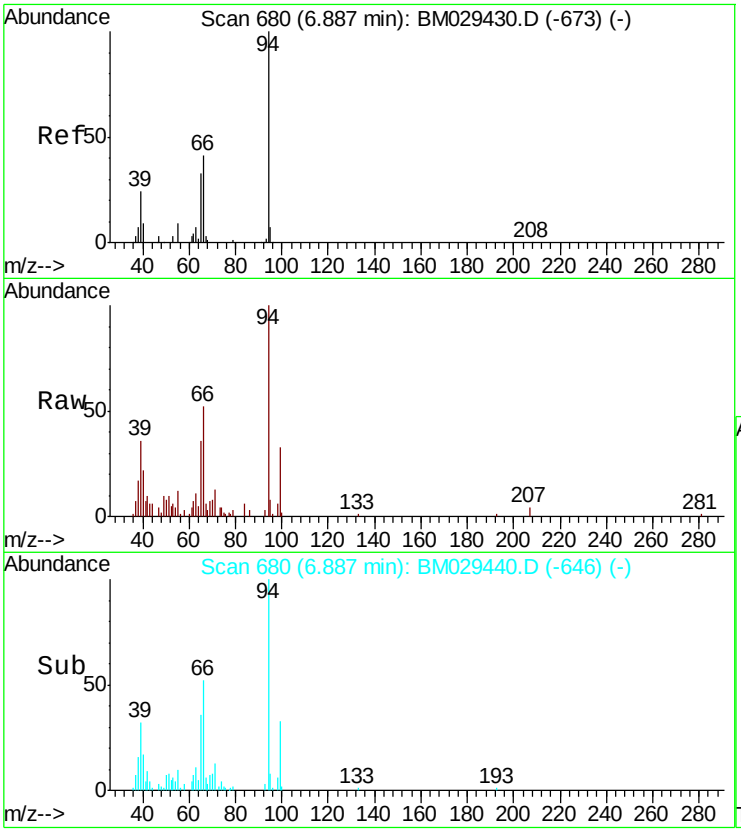


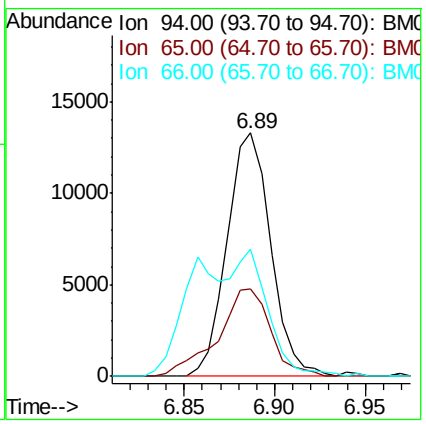


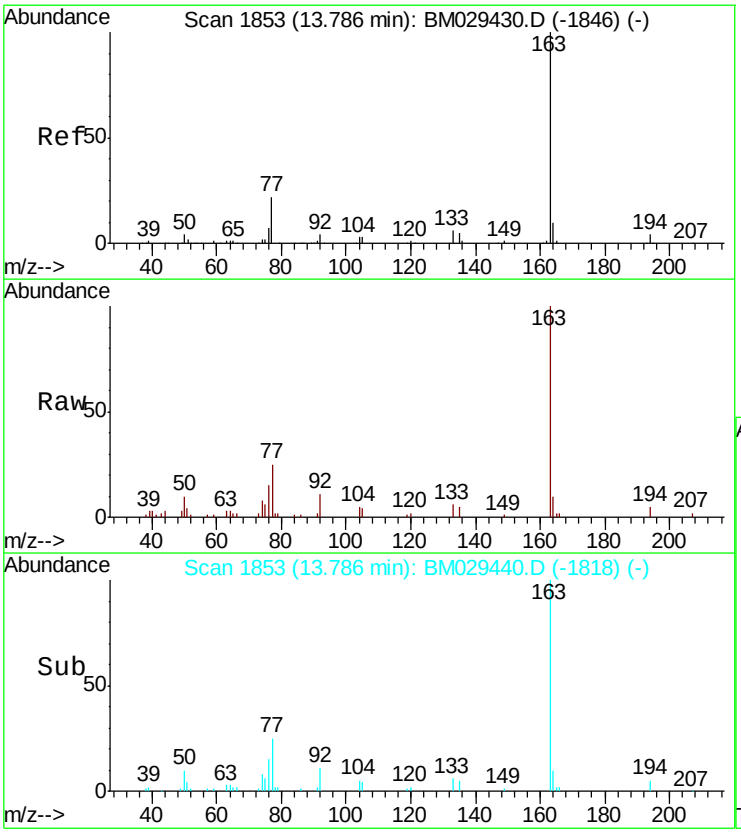
#6
Phenol
Concen: 2.330 ng/ul
RT: 6.89 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM029440.D
Acq: 09 Apr 2021 20:27

Instrument :
BNA_M
ClientSampleId :
ESQF9

Tgt Ion: 94 Resp: 22345

Ion	Ratio	Lower	Upper
94	100		
65	36.1	26.7	40.1
66	52.2	33.8	50.8#

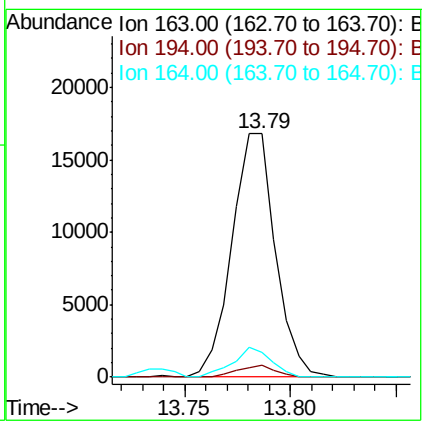


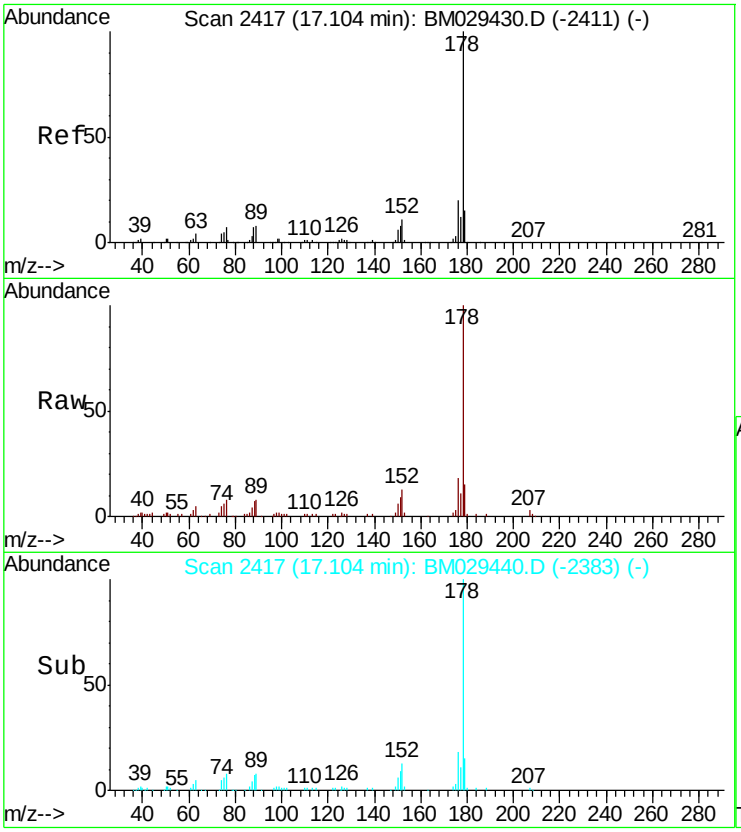


#45
Dimethylphthalate
Concen: 1.449 ng/ul
RT: 13.79 min Scan# 1853
Delta R.T. 0.01 min
Lab File: BM029440.D
Acq: 09 Apr 2021 20:27

Tgt Ion:163 Resp: 24064

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.0	4.6#
164	10.2	8.1	12.1



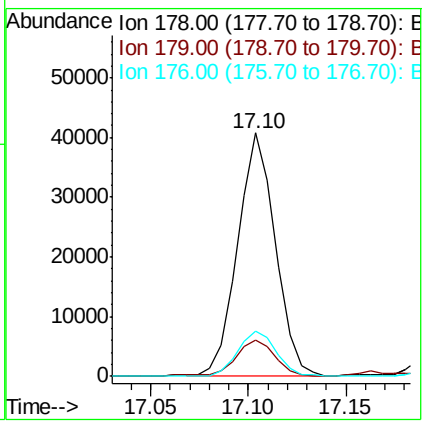


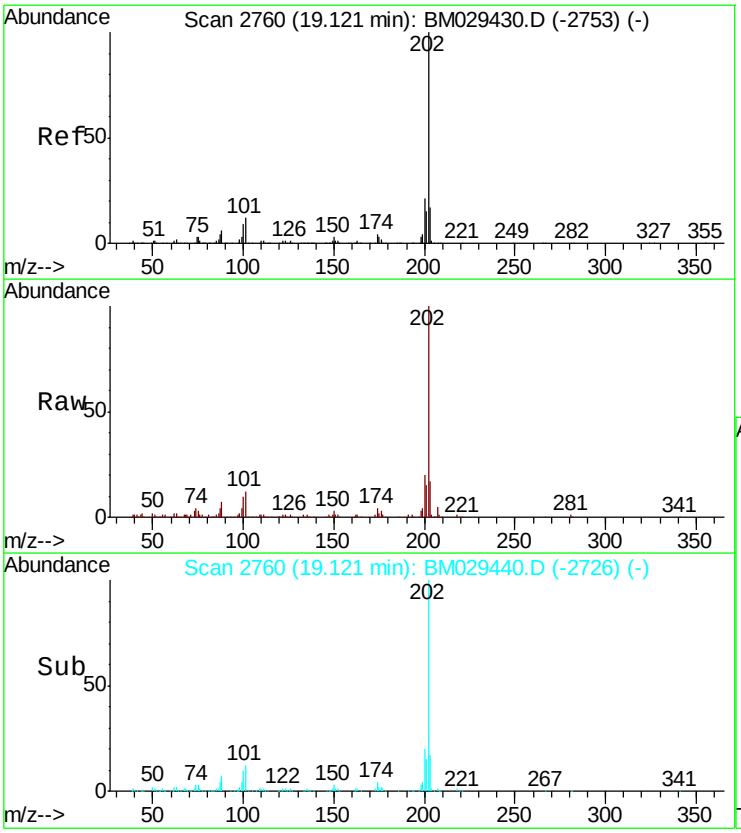
#70
Phenanthrene
Concen: 2.435 ng/ul
RT: 17.10 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM029440.D
Acq: 09 Apr 2021 20:27

Instrument :
BNA_M
ClientSampleId :
ESQF9

Tgt Ion:178 Resp: 54544

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.2
176	18.4	15.4	23.2

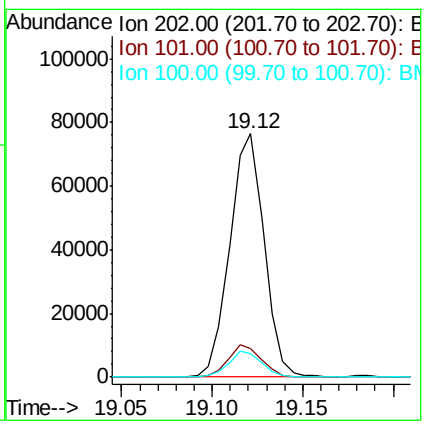


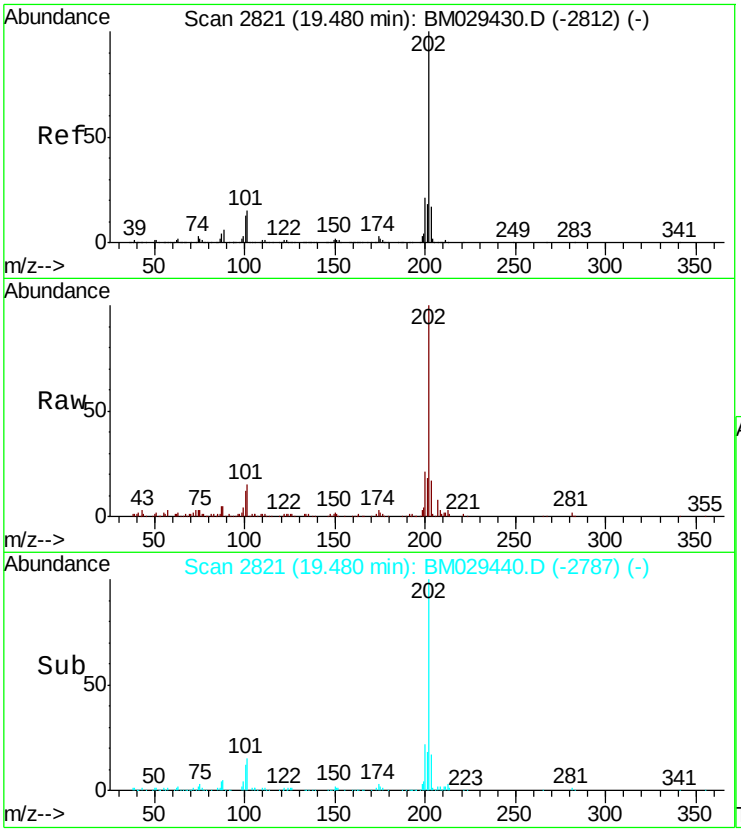


#77
Fluoranthene
Concen: 3.964 ng/ul
RT: 19.12 min Scan# 2760
Delta R.T. -0.00 min
Lab File: BM029440.D
Acq: 09 Apr 2021 20:27

Tgt Ion:202 Resp: 100506

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.6
100	9.7	7.4	11.0



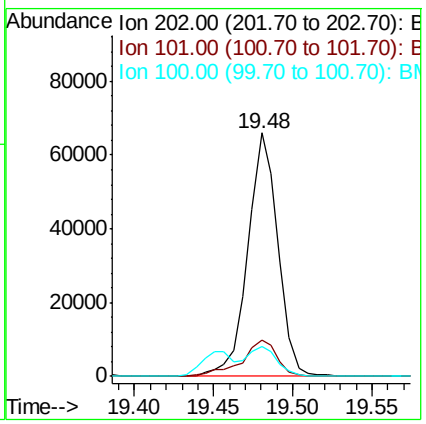


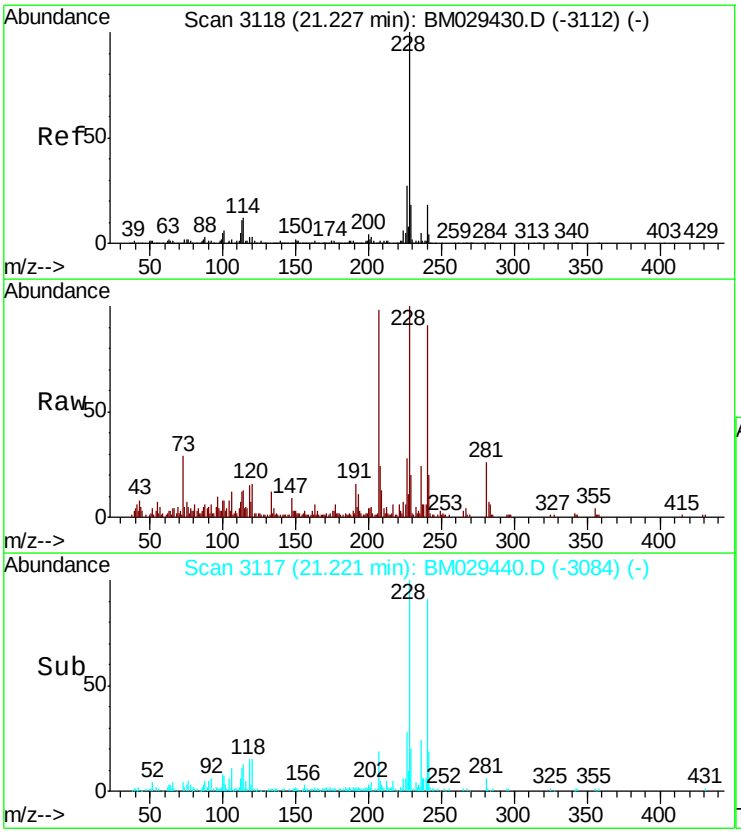
#80
Pyrene
Concen: 3.879 ng/ul
RT: 19.48 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM029440.D
Acq: 09 Apr 2021 20:27

Instrument :
BNA_M
ClientSampleId :
ESQF9

Tgt Ion:202 Resp: 87116

Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.0	16.6
100	12.1	9.5	14.3

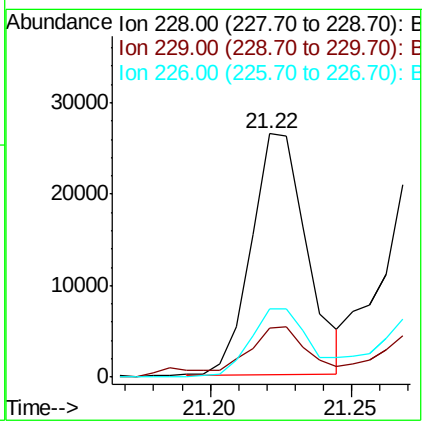


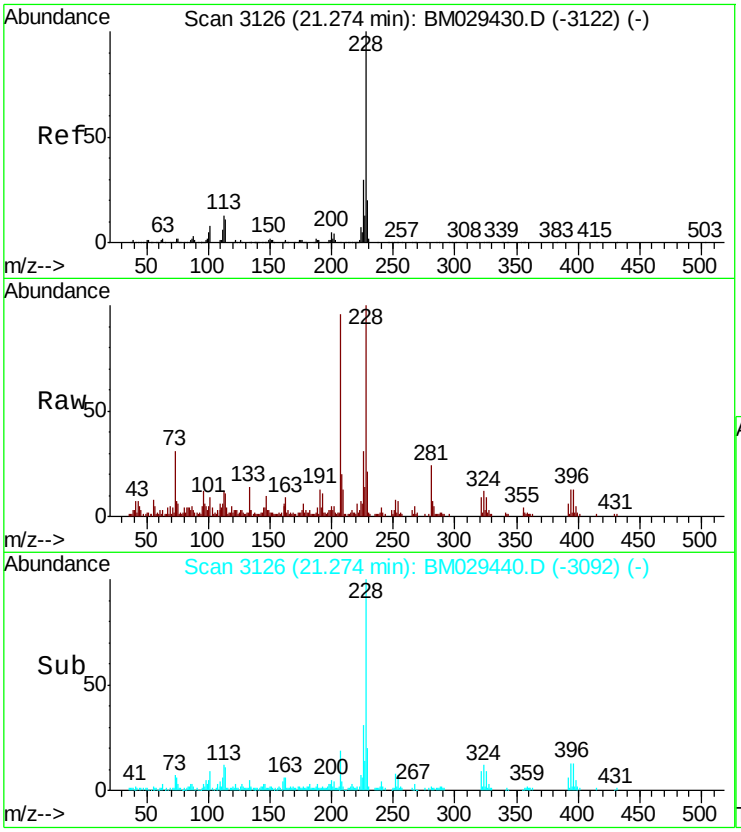


#83
Benzo(a)anthracene
Concen: 1.681 ng/ul
RT: 21.22 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM029440.D
Acq: 09 Apr 2021 20:27

Tgt Ion:228 Resp: 35935

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	28.2	22.3	33.5



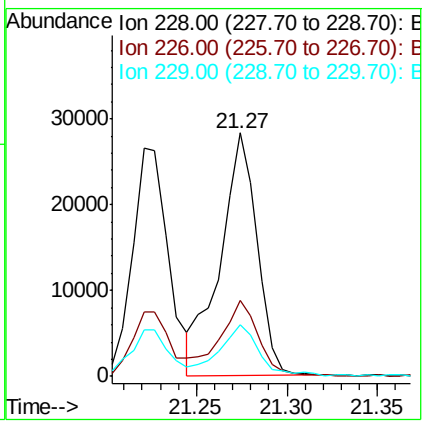


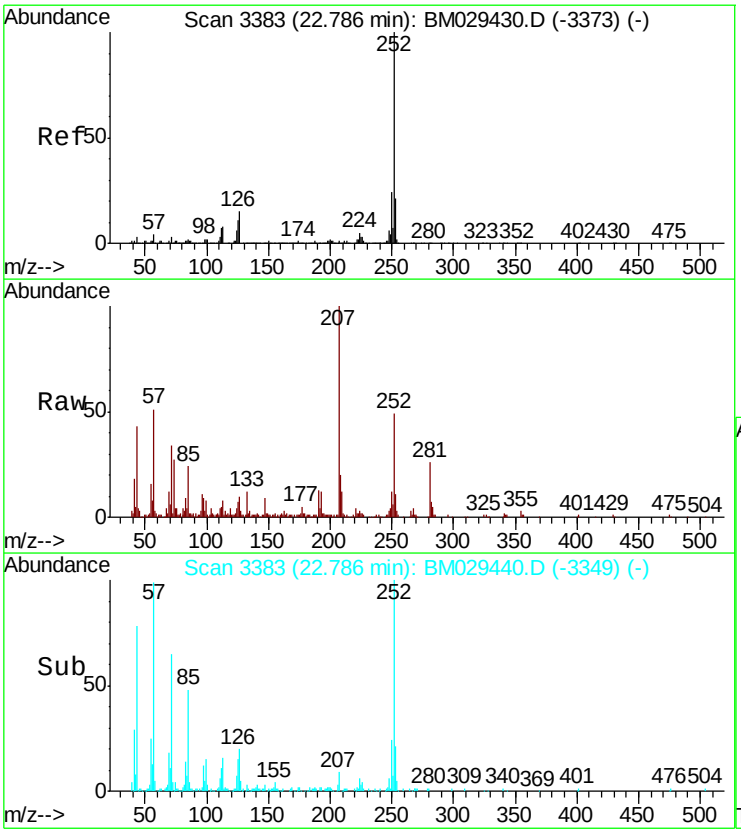
#85
Chrysene
Concen: 1.918 ng/ul
RT: 21.27 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BM029440.D
Acq: 09 Apr 2021 20:27

Instrument :
BNA_M
ClientSampleId :
ESQF9

Tgt Ion:228 Resp: 40091

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	21.0	15.4	23.0

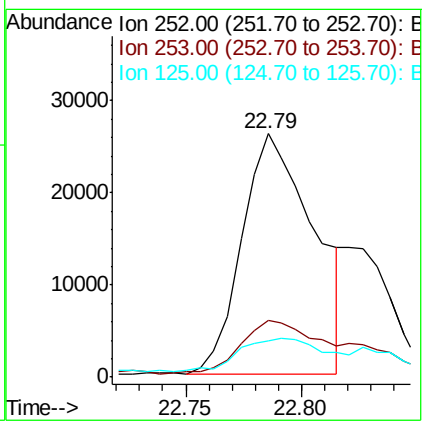


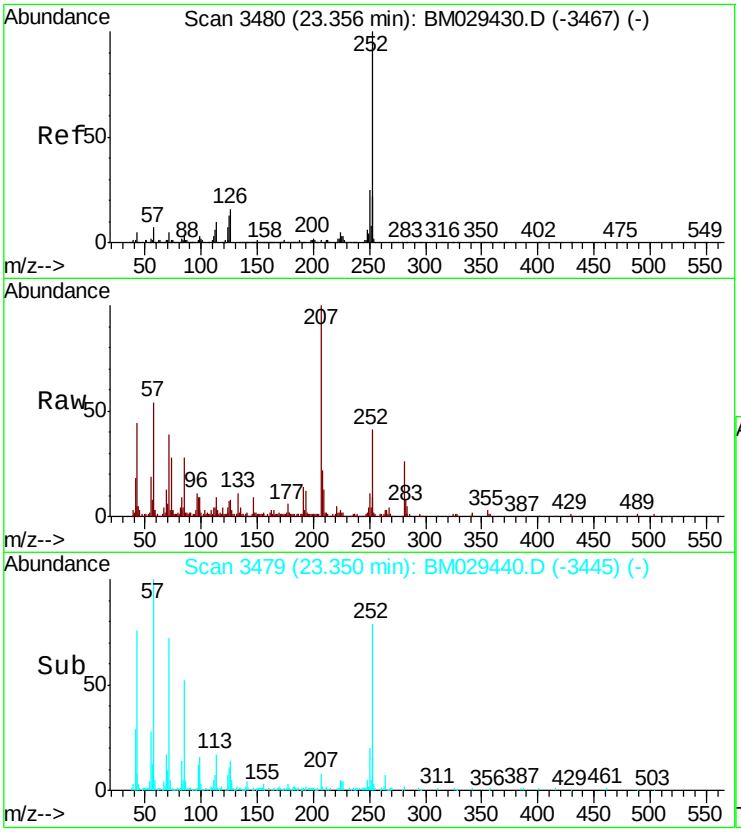


#88
Benzo(b)fluoranthene
Concen: 2.407 ng/ul
RT: 22.79 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BM029440.D
Acq: 09 Apr 2021 20:27

Tgt Ion:252 Resp: 56563

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	14.7	8.8	13.2#



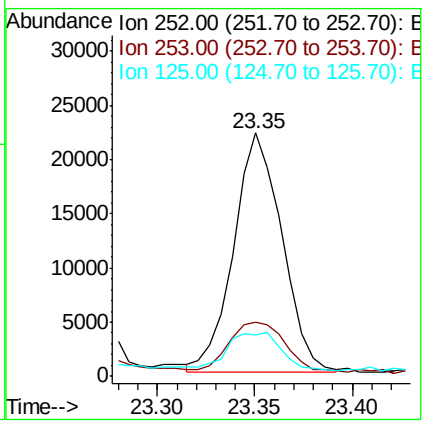


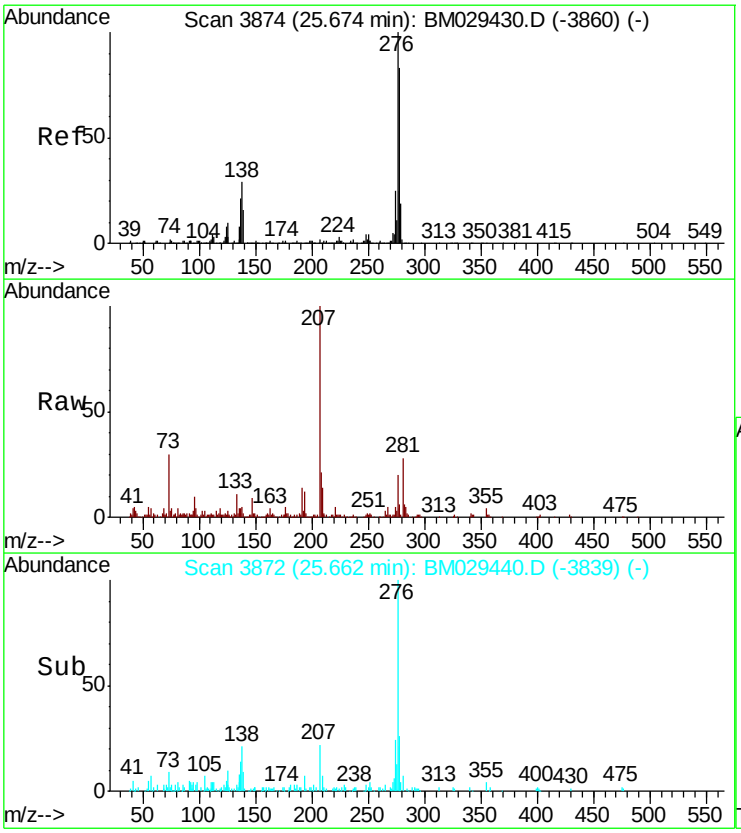
#91
Benzo(a)pyrene
Concen: 1.813 ng/ul
RT: 23.35 min Scan# 3479
Delta R.T. -0.00 min
Lab File: BM029440.D
Acq: 09 Apr 2021 20:27

Instrument :
BNA_M
ClientSampleId :
ESQF9

Tgt Ion:252 Resp: 37807

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	17.1	9.8	14.8#

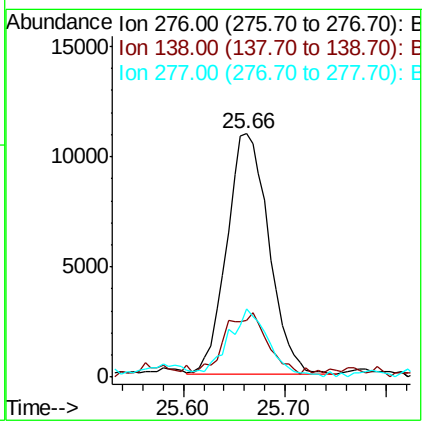


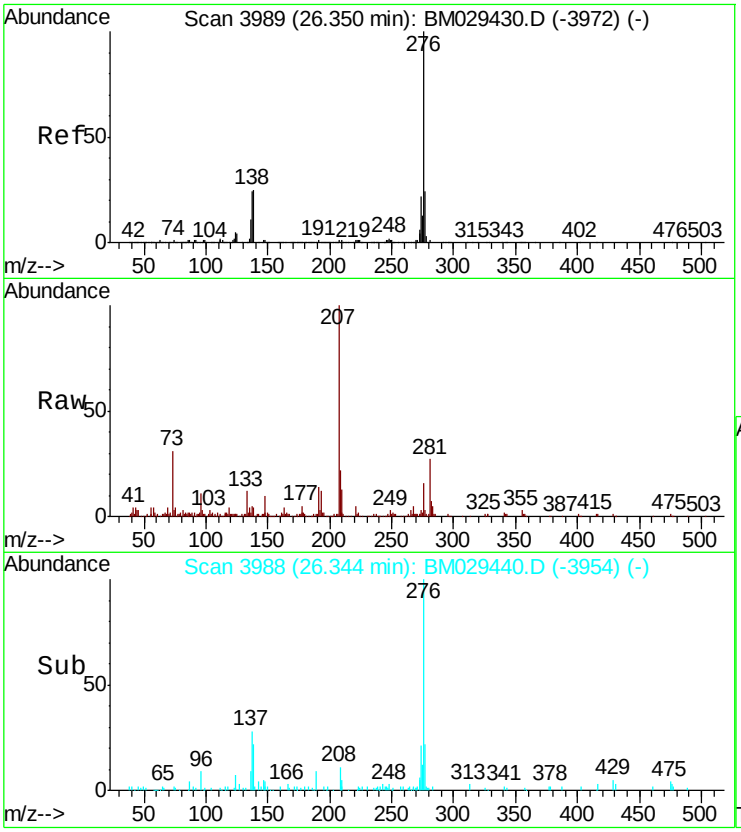


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.146 ng/ul
RT: 25.66 min Scan# 3872
Delta R.T. -0.01 min
Lab File: BM029440.D
Acq: 09 Apr 2021 20:27

Tgt Ion:276 Resp: 31267

Ion	Ratio	Lower	Upper
276	100		
138	32.4	22.3	33.5
277	27.8	19.7	29.5





#94
Benzo(g,h,i)perylene
Concen: 1.223 ng/ul
RT: 26.34 min Scan# 3988
Delta R.T. -0.00 min
Lab File: BM029440.D
Acq: 09 Apr 2021 20:27

Instrument :
BNA_M
ClientSampleId :
ESQF9

Tgt Ion:276 Resp: 27102

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.5	29.3
277	21.7	18.8	28.2