Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA3

Quant Time: Jul 01 14:36:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	319136	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1388511	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	850418	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1741701	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1282011	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1520806	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	16049	2.39	ng/uL	0.00
5) Phenol-d5	6.93	99	416087	14.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	234283	14.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	351035	15.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	362355	15.63	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	185481	16.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	221932	17.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	434982	17.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	404253	15.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1371244	17.85	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1610564	17.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	185111	14.81	ng/ul	0.00
57) Fluorene-d10	15.40	176	1171770	17.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	128304	11.98	ng/ul	0.00
70) Anthracene-d10	17.26	188	1704335	18.83	ng/ul	0.00
78) Pyrene-d10	19.55	212	1565696	20.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1698231	18.93	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.86	163	266963	3.817	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	86323	4.912	ng/ul#	91
68) Pentachlorophenol	16.82	266	5338916	434.977	ng/ul	98
69) Phenanthrene	17.20	178	172306	1.789	ng/ul#	84
76) Fluoranthene	19.22	202	606632	5.828	ng/ul	98
79) Pyrene	19.58	202	1525111	16.827	ng/ul	100
82) Benzo(a)anthracene	21.32	228	190968	2.185	ng/ul#	84
84) Chrysene	21.37	228	260524	3.183	ng/ul#	90
87) Benzo(b)fluoranthene	22.93	252	290885	3.020	ng/ul#	89
90) Benzo(a)pyrene	23.51	252	156093	1.721	ng/ul#	88
91) Indeno(1,2,3-cd)pyrene	25.90	276	133438	1.250	ng/ul	96
93) Benzo(g,h,i)perylene	26.60	276	123454	1.404	ng/ul	97

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

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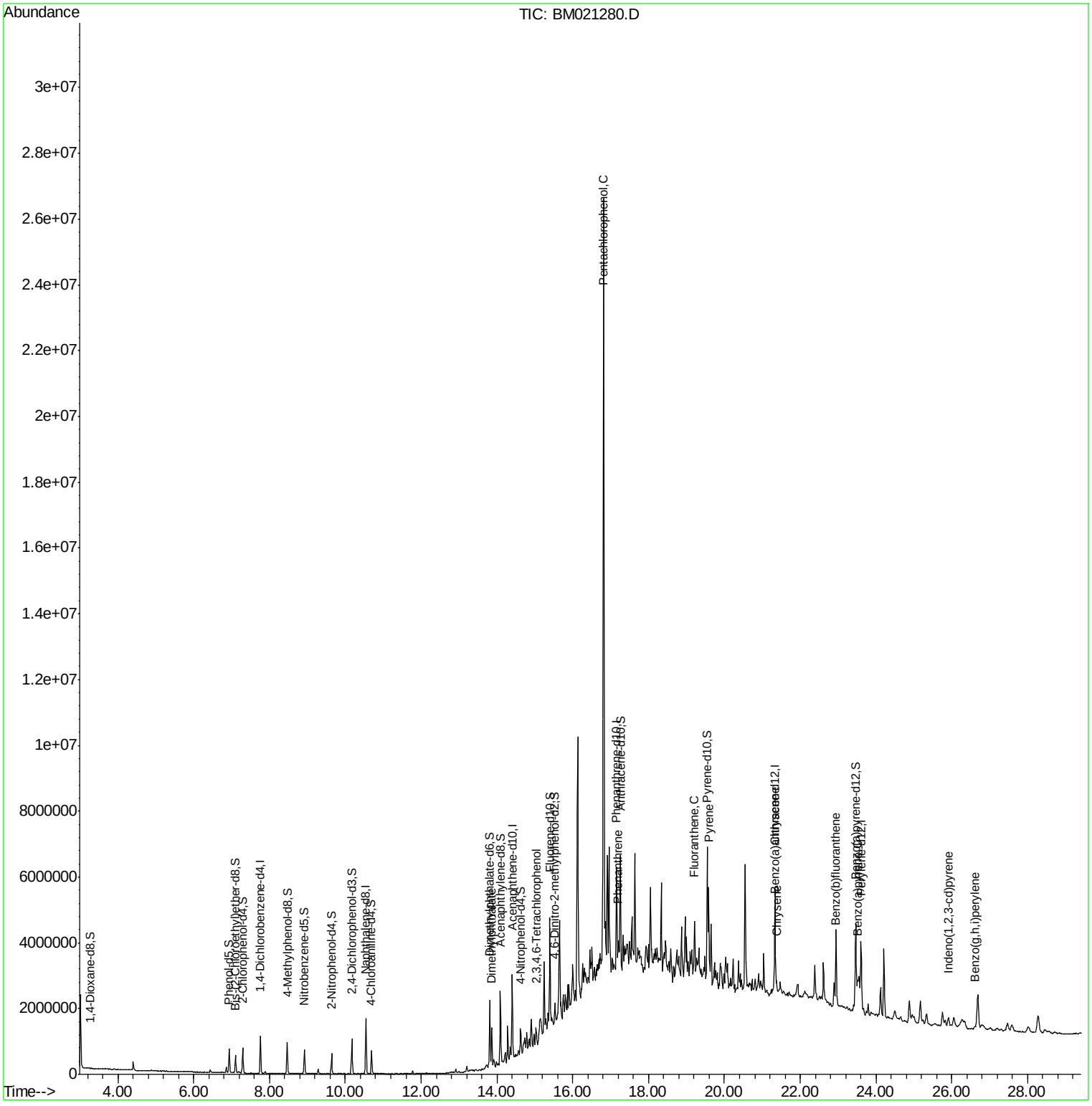
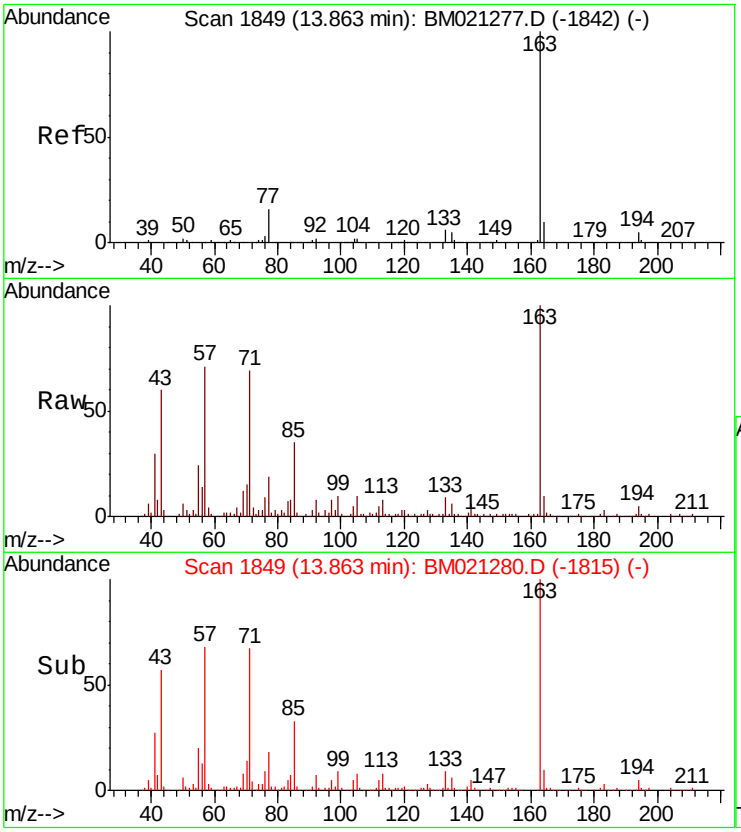


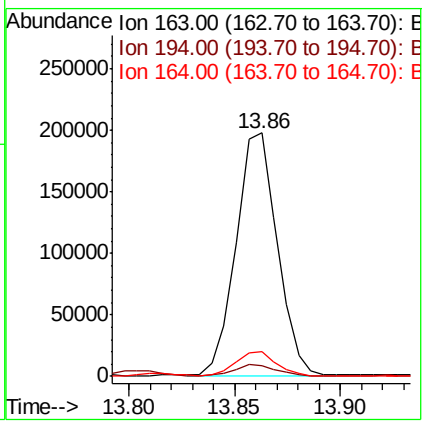


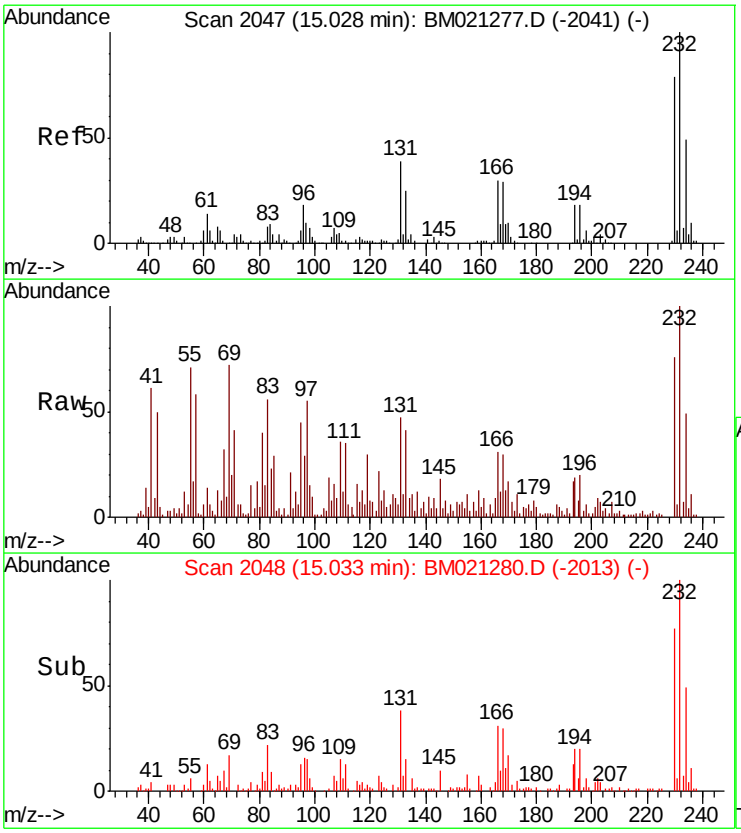
#44
Dimethylphthalate
Concen: 3.817 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BM021280.D
Acq: 30 Jun 2019 02:06

Instrument :
BNA_M
ClientSampleId :
C5BA3

Tgt Ion:163 Resp: 266963

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.2	7.7	11.5

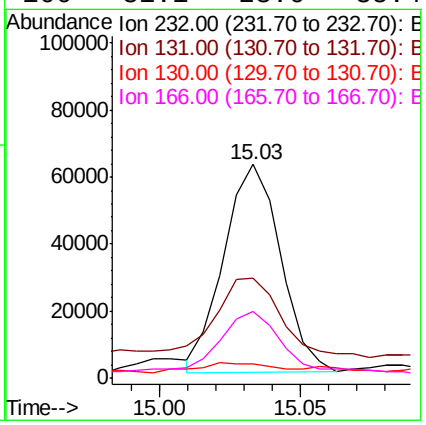


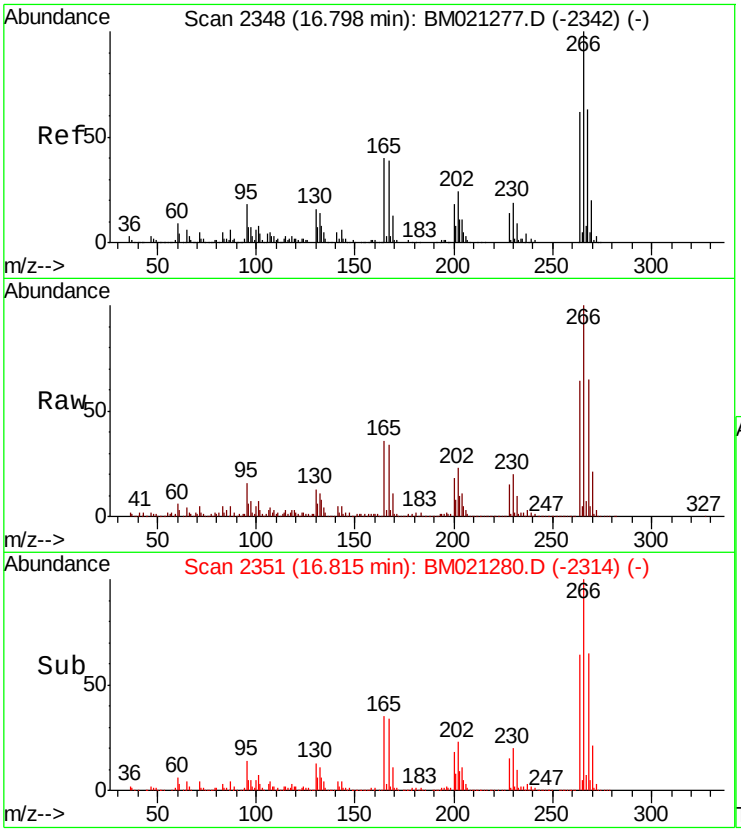


#55
2,3,4,6-Tetrachlorophenol
Concen: 4.912 ng/ul
RT: 15.03 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BM021280.D
Acq: 30 Jun 2019 02:06

Tgt Ion:232 Resp: 86323

Ion	Ratio	Lower	Upper
232	100		
131	46.7	31.0	46.4#
130	6.5	1.8	2.6#
166	31.1	23.6	35.4



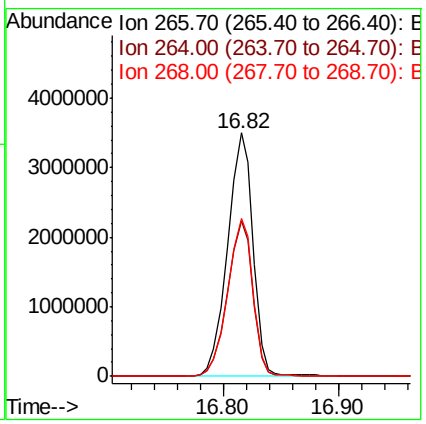


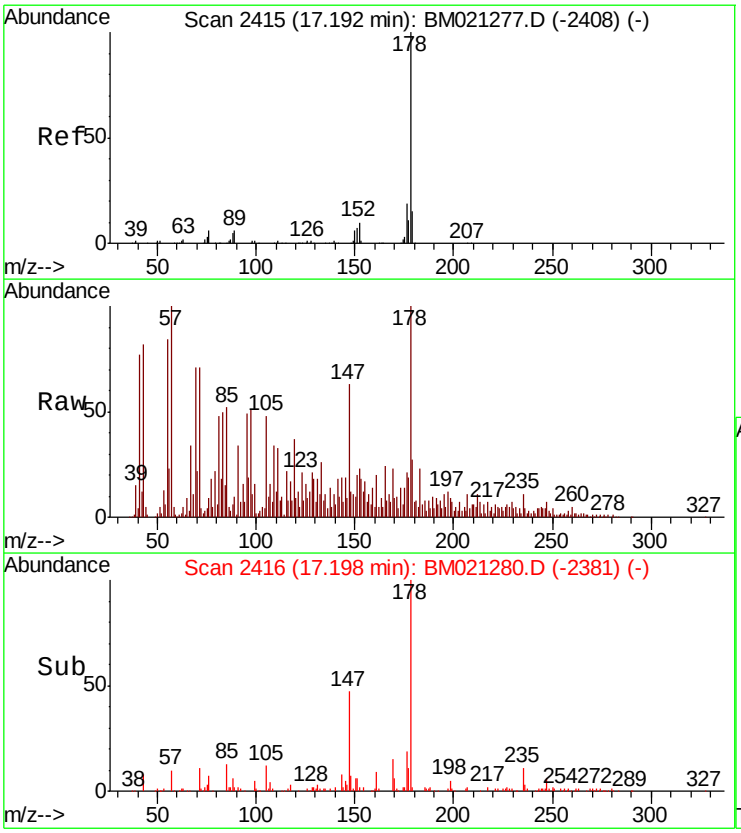
#68
Pentachlorophenol
Concen: 434.977 ng/ul
RT: 16.82 min Scan# 2351
Delta R.T. 0.02 min
Lab File: BM021280.D
Acq: 30 Jun 2019 02:06

Instrument :
BNA_M
ClientSampleId :
C5BA3

Tgt Ion:266 Resp: 5338916

Ion	Ratio	Lower	Upper
266	100		
264	63.8	49.9	74.9
268	64.6	53.4	80.0

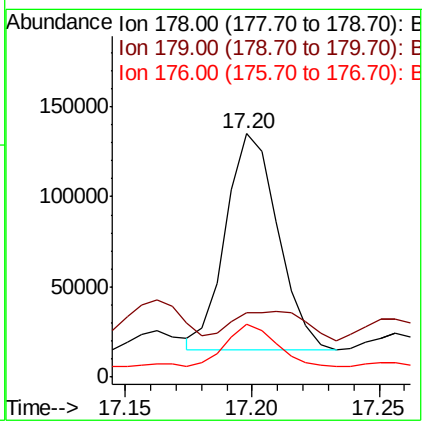


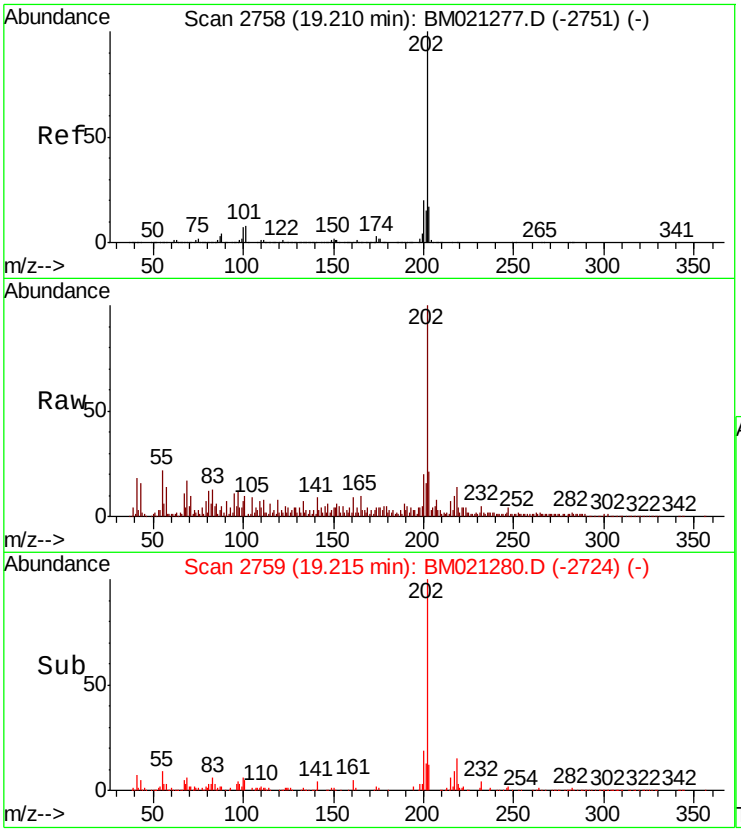


#69
Phenanthrene
Concen: 1.789 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. 0.01 min
Lab File: BM021280.D
Acq: 30 Jun 2019 02:06

Tgt Ion:178 Resp: 172306

Ion	Ratio	Lower	Upper
178	100		
179	26.6	11.8	17.8#
176	21.5	15.0	22.6



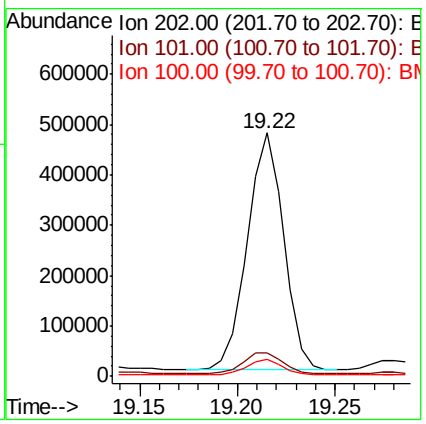


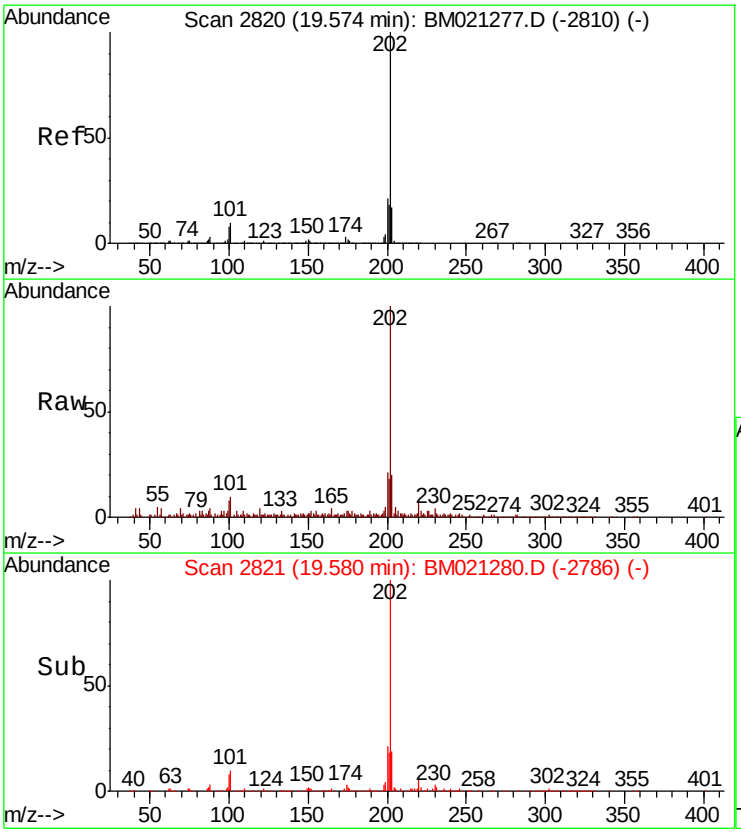
#76
Fluoranthene
Concen: 5.828 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. 0.01 min
Lab File: BM021280.D
Acq: 30 Jun 2019 02:06

Instrument :
BNA_M
ClientSampleId :
C5BA3

Tgt Ion:202 Resp: 606632

Ion	Ratio	Lower	Upper
202	100		
101	9.6	6.7	10.1
100	6.9	5.5	8.3

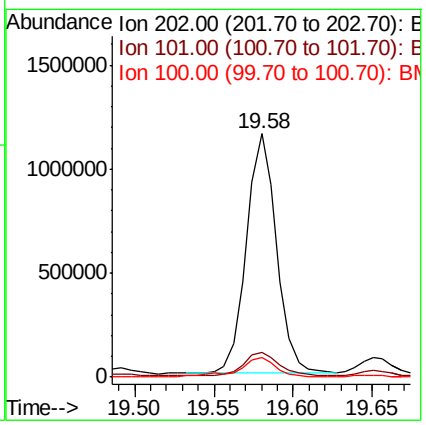


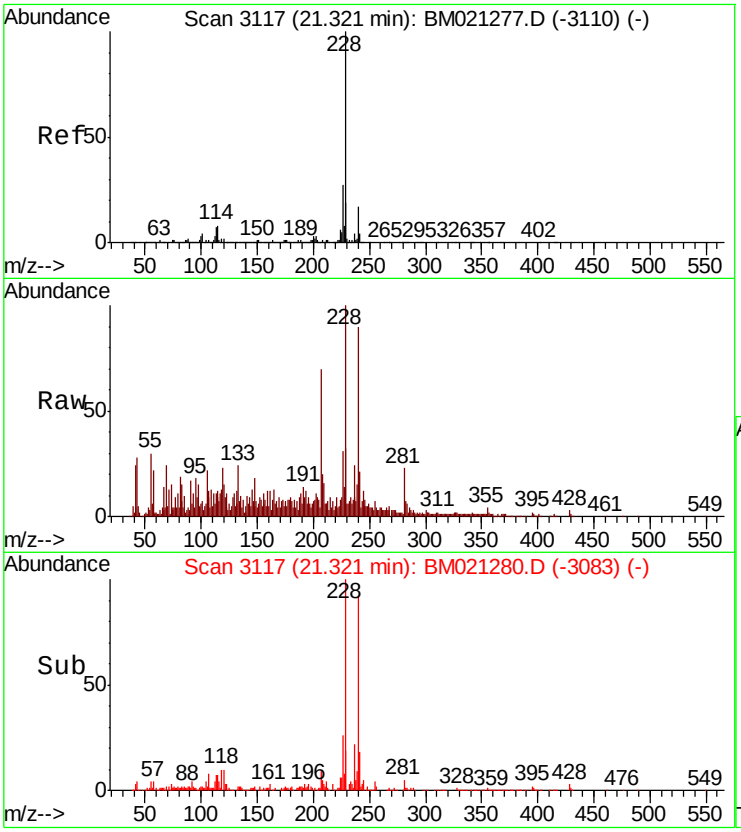


#79
Pyrene
Concen: 16.827 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. 0.01 min
Lab File: BM021280.D
Acq: 30 Jun 2019 02:06

Tgt Ion:202 Resp: 1525111

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.1	12.1
100	8.3	6.6	10.0



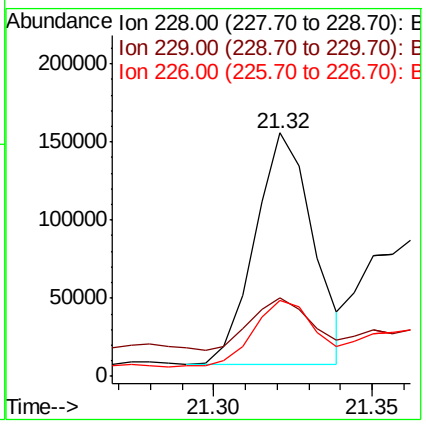


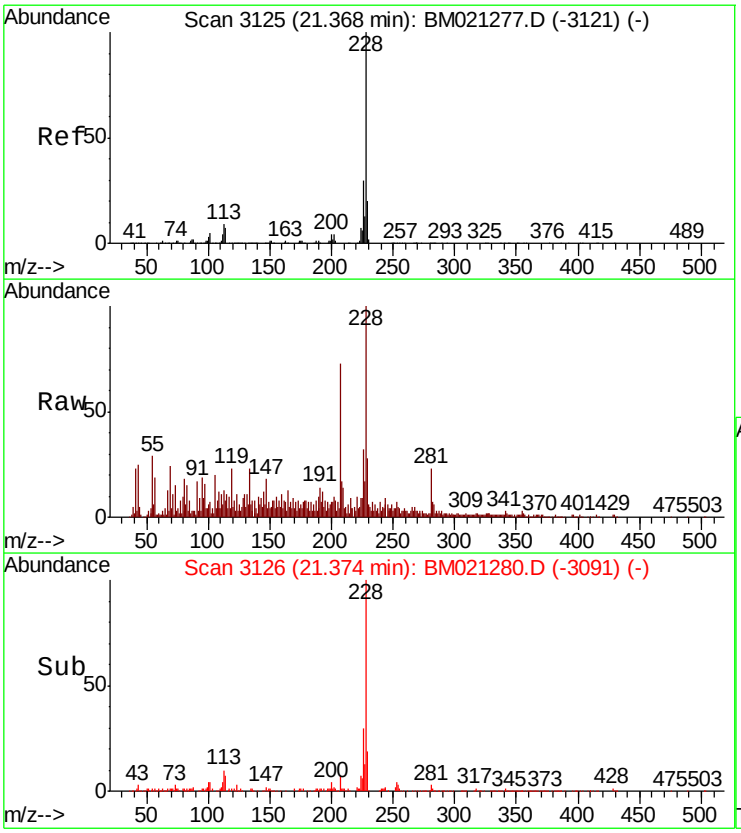
#82
Benzo(a)anthracene
Concen: 2.185 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM021280.D
Acq: 30 Jun 2019 02:06

Instrument :
BNA_M
ClientSampleId :
C5BA3

Tgt Ion:228 Resp: 190968

Ion	Ratio	Lower	Upper
228	100		
229	32.2	15.8	23.8#
226	31.0	21.4	32.2

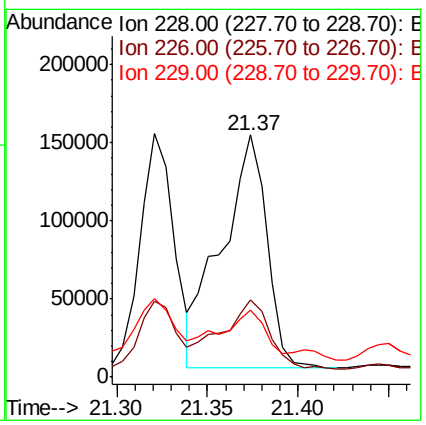


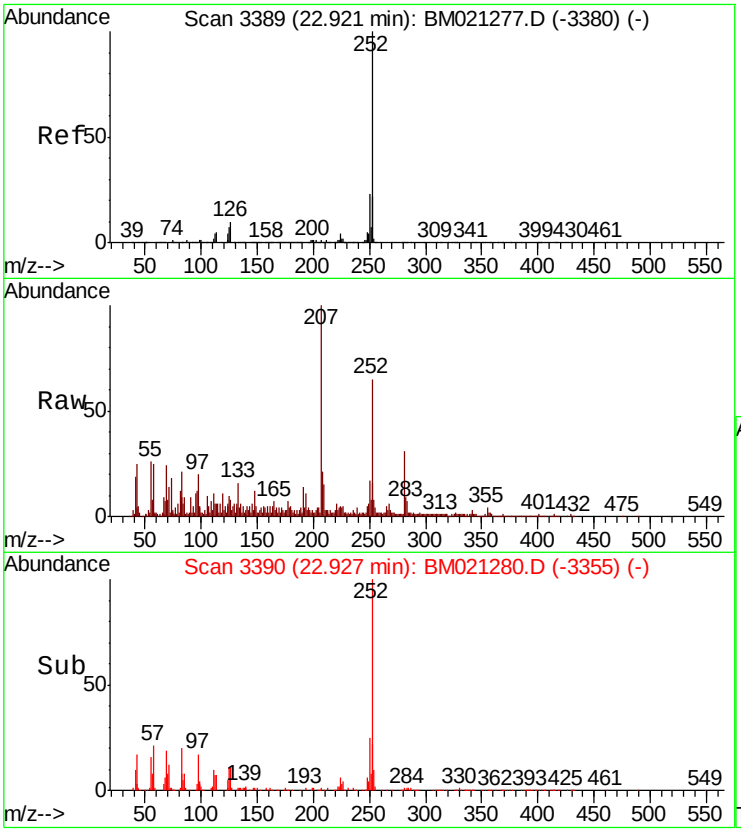


#84
Chrysene
Concen: 3.183 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BM021280.D
Acq: 30 Jun 2019 02:06

Tgt Ion:228 Resp: 260524

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.9	35.9
229	27.6	15.4	23.2#



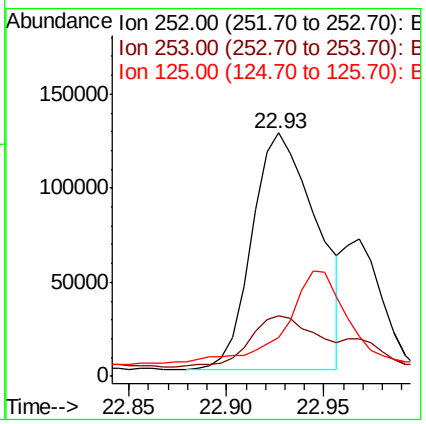


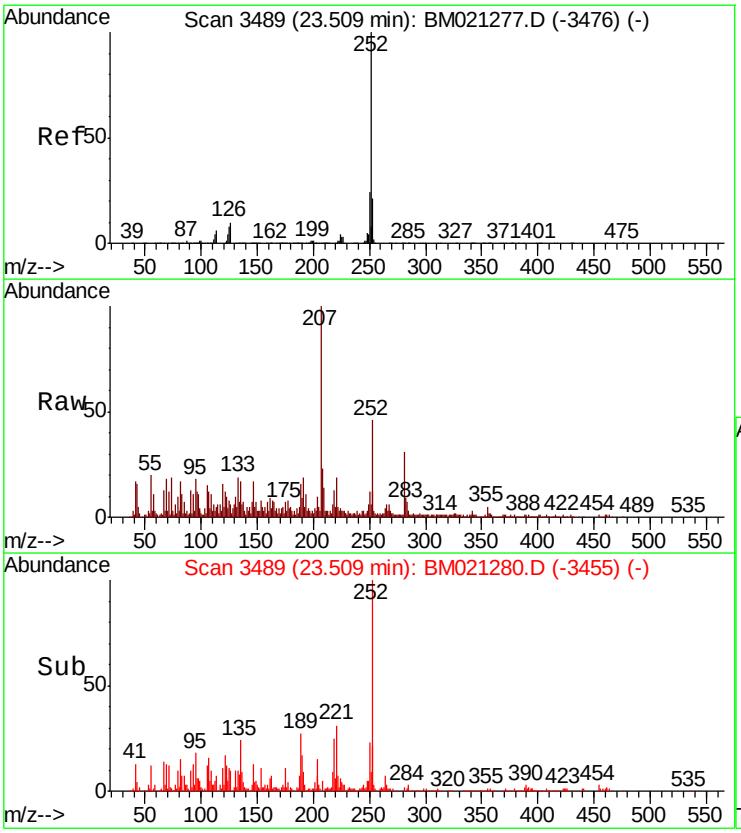
#87
Benzo(b)fluoranthene
Concen: 3.020 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM021280.D
Acq: 30 Jun 2019 02:06

Instrument :
BNA_M
ClientSampleId :
C5BA3

Tgt Ion:252 Resp: 290885

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	15.9	6.3	9.5#

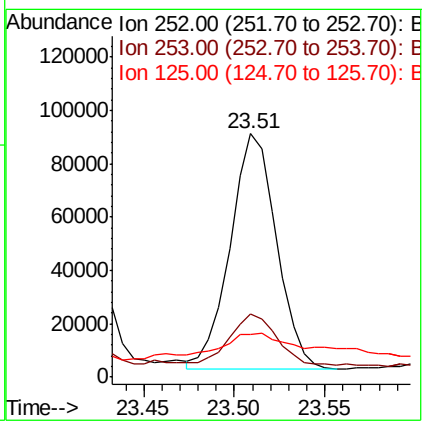


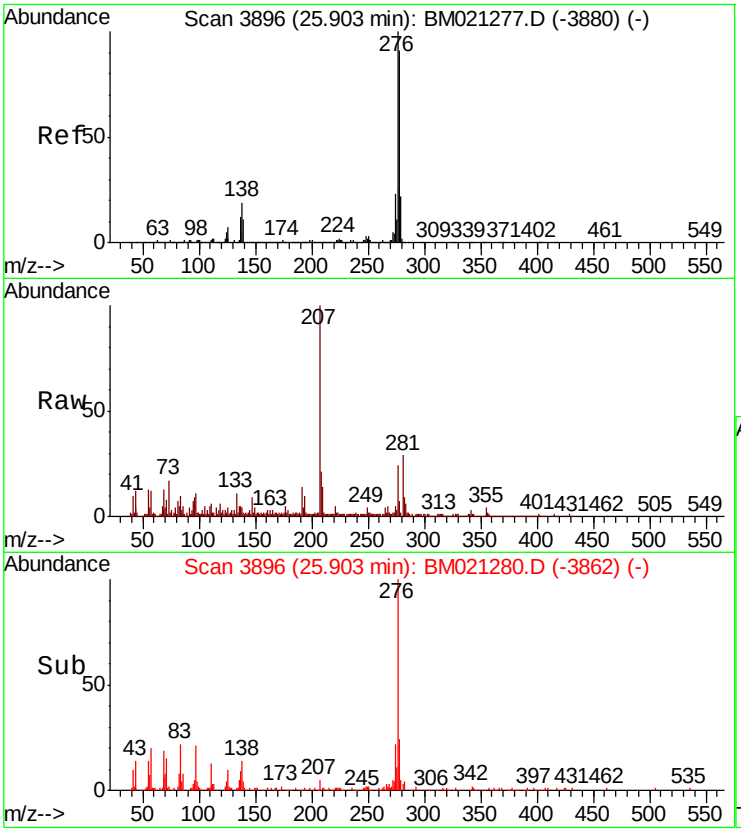


#90
Benzo(a)pyrene
Concen: 1.721 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.00 min
Lab File: BM021280.D
Acq: 30 Jun 2019 02:06

Tgt Ion:252 Resp: 156093

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	17.6	7.2	10.8#



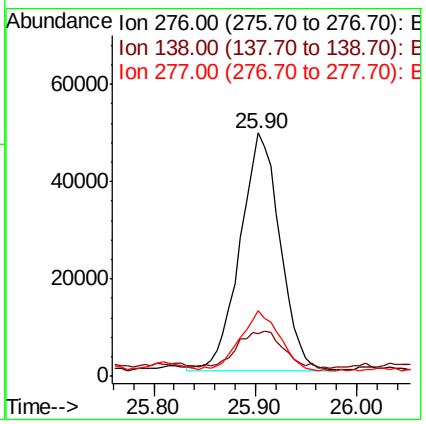


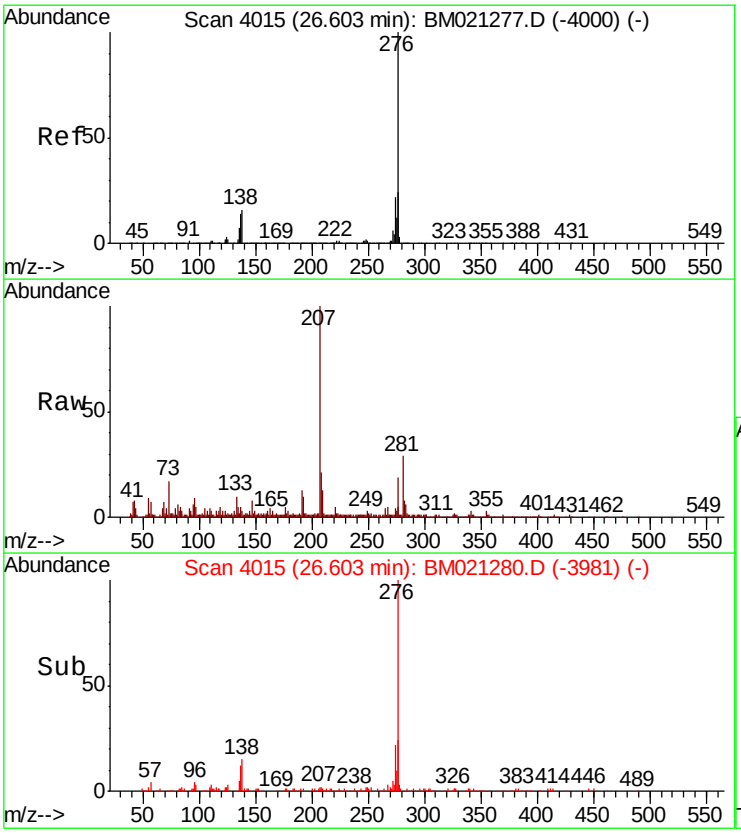
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.250 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.00 min
Lab File: BM021280.D
Acq: 30 Jun 2019 02:06

Instrument :
BNA_M
ClientSampleId :
C5BA3

Tgt Ion:276 Resp: 133438

Ion	Ratio	Lower	Upper
276	100		
138	17.3	15.9	23.9
277	26.9	20.4	30.6





#93
Benzo(g,h,i)perylene
Concen: 1.404 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.00 min
Lab File: BM021280.D
Acq: 30 Jun 2019 02:06

Tgt Ion:276 Resp: 123454

Ion	Ratio	Lower	Upper
276	100		
138	18.4	14.6	21.8
277	26.1	18.9	28.3