Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023538.D
Acq On : 01 Nov 2019 02:16
Operator : JU
Sample : K5433-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 01 08:22:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 08:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	437277	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1768051	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1058346	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2219098	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	2144793	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	2603109	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	21349	2.32	ng/uL	0.00
5) Phenol-d5	6.79	99	417958	11.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	300582	13.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	355397	12.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	330667	11.09	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	184207	13.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	185722	12.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	320392	11.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	211820	6.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1163006	14.47	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1365590	14.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	35493	2.55	ng/ul	0.00
58) Fluorene-d10	15.26	176	1039453	15.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	26887	1.95	ng/ul	0.00
71) Anthracene-d10	17.10	188	1639632	15.63	ng/ul	0.00
79) Pyrene-d10	19.40	212	1800714	15.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	2026458	15.28	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.76	77	57636	2.726	ng/ul	92
6) Phenol	6.82	94	140492	3.715	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.06	93	151390	5.134	ng/ul#	23
14) Acetophenone	8.43	105	95470	2.049	ng/ul	95
28) Naphthalene	10.43	128	93209	1.029	ng/ul	98
32) Caprolactam	11.32	113	44471	5.060	ng/ul	97
41) 1,1'-Biphenyl	13.09	154	175562	2.139	ng/ul	99
45) Dimethylphthalate	13.72	163	459603	5.696	ng/ul	99
70) Phenanthrene	17.05	178	235595	1.900	ng/ul	99
72) Anthracene	17.05	178	236581	1.883	ng/ul	99
74) Pentachlorobenzene	14.58	250	37366	1.049	ng/uL	96
77) Fluoranthene	19.07	202	338442	2.616	ng/ul	98
80) Pyrene	19.43	202	332857	2.198	ng/ul	98
81) Butylbenzylphthalate	20.36	149	70839	1.142	ng/ul	90
83) Benzo(a)anthracene	21.24	228	229829	1.602	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.14	149	3083647	35.472	ng/ul	99
85) Chrysene	21.24	228	230027	1.738	ng/ul	97
87) Di-n-octyl phthalate	22.02	149	239730	1.566	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	405768	2.427	ng/ul#	80
89) Benzo(k)fluoranthene	22.74	252	405768	2.585	ng/ul#	81
91) Benzo(a)pyrene	23.30	252	871304	5.757	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.59	276	243058	1.483	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.59	278	167082	1.209	ng/ul#	51

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023538.D
Acq On : 01 Nov 2019 02:16
Operator : JU
Sample : K5433-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 01 08:22:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 08:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.26	276	1193999	8.955	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023538.D
Acq On : 01 Nov 2019 02:16
Operator : JU
Sample : K5433-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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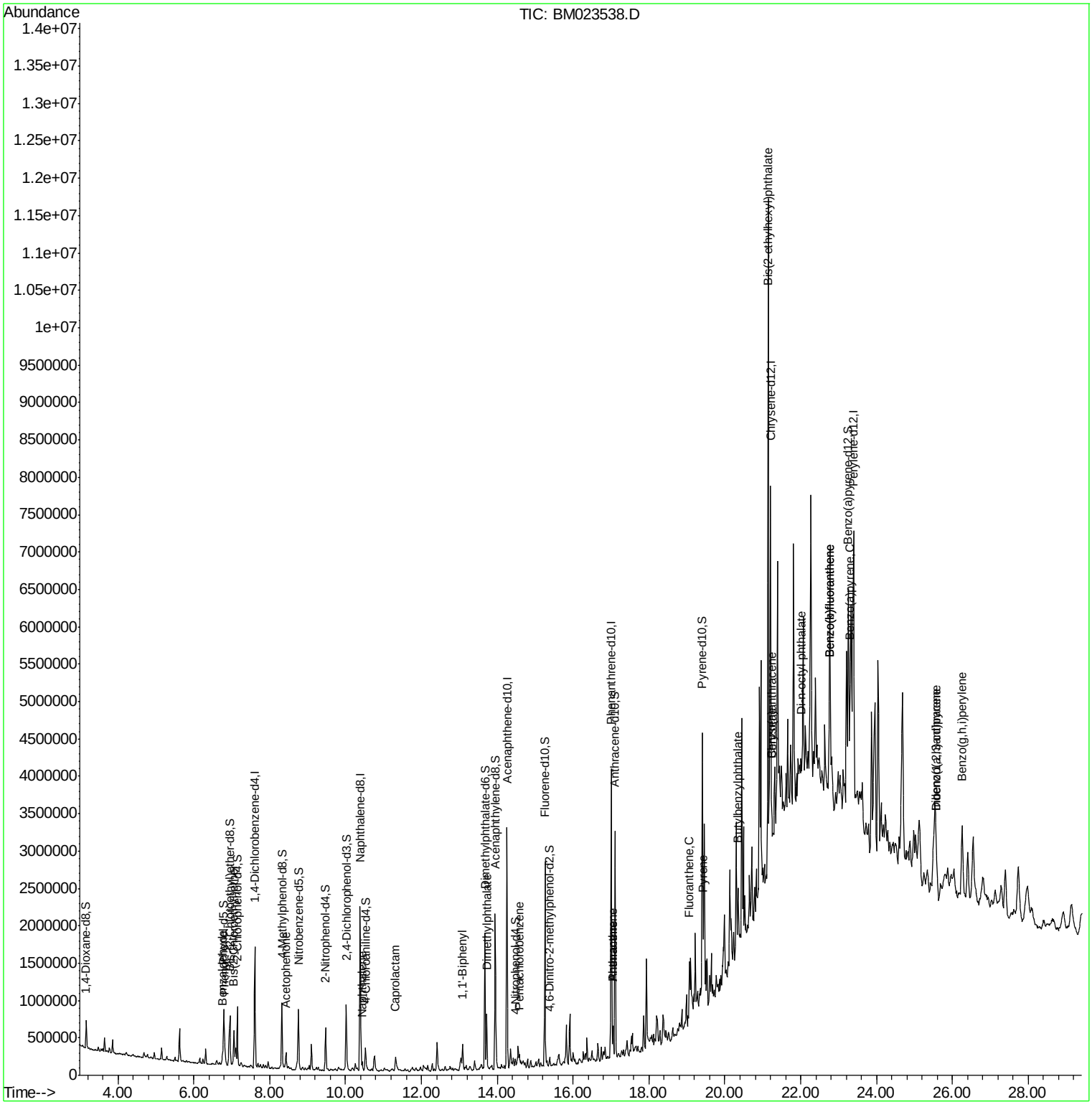
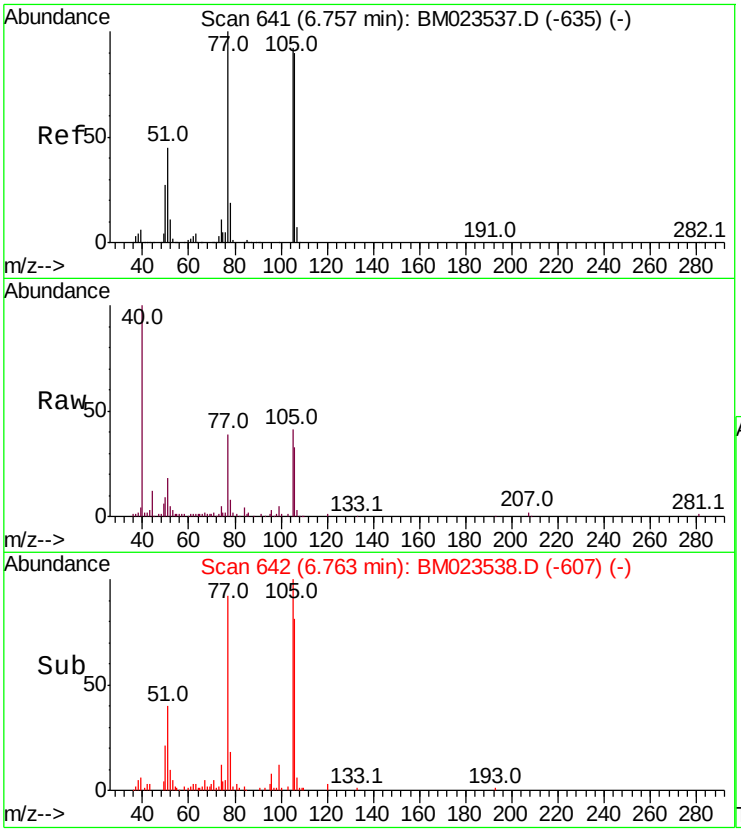
ClientSampleId :

Quant Time: Nov 01 08:22:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 08:19:37 2019
Response via : Initial Calibration



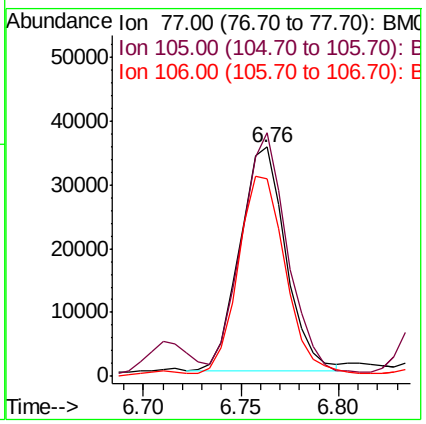


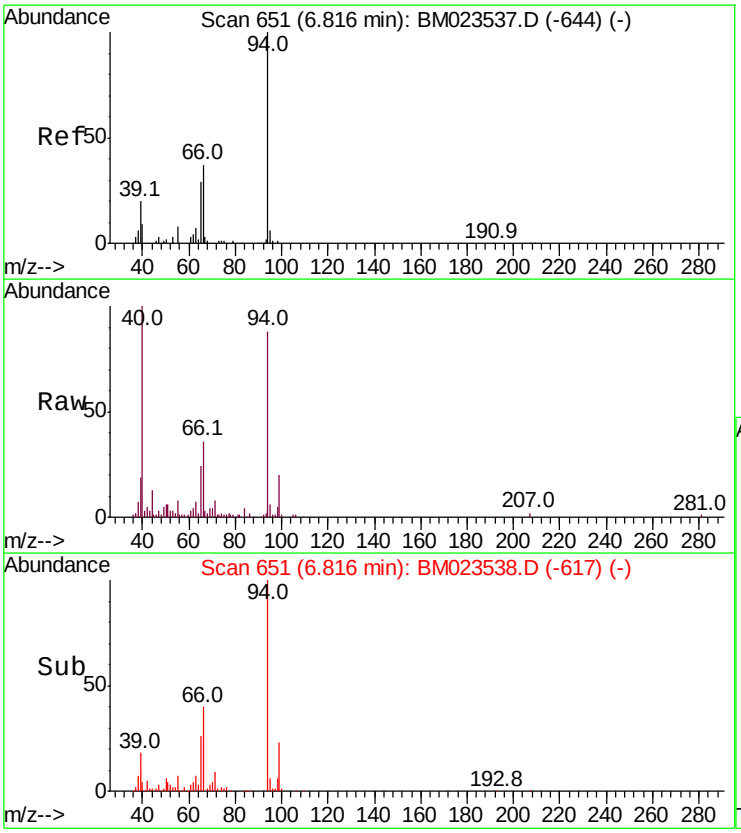
#4
Benzaldehyde
Concen: 2.726 ng/ul
RT: 6.76 min Scan# 642
Delta R.T. 0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 57636

Ion	Ratio	Lower	Upper
77	100		
105	106.1	75.4	113.2
106	86.1	71.3	106.9

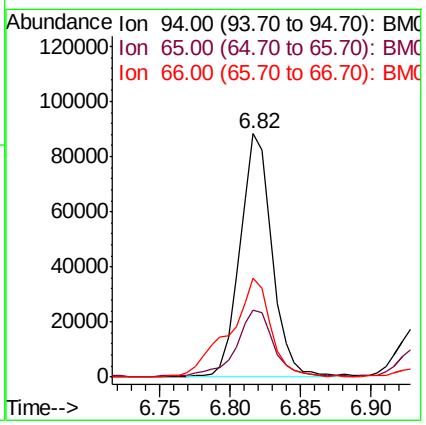


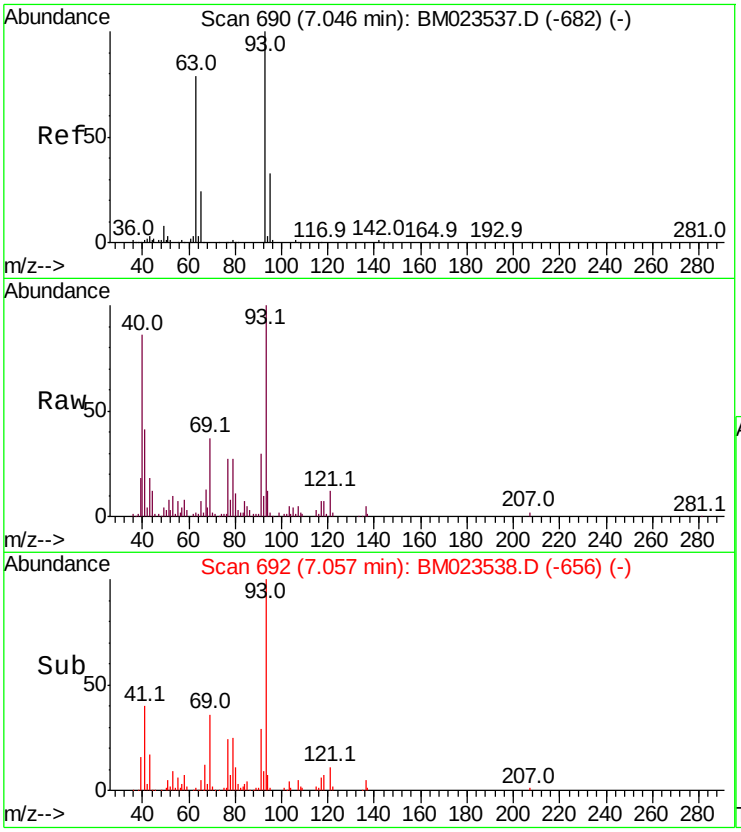


#6
Phenol
Concen: 3.715 ng/ul
RT: 6.82 min Scan# 651
Delta R.T. 0.00 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion: 94 Resp: 140492

Ion	Ratio	Lower	Upper
94	100		
65	27.6	22.9	34.3
66	40.5	31.4	47.2



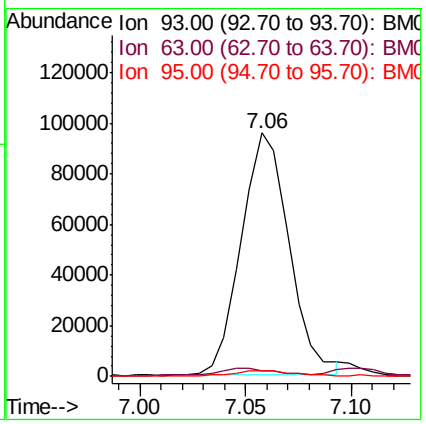


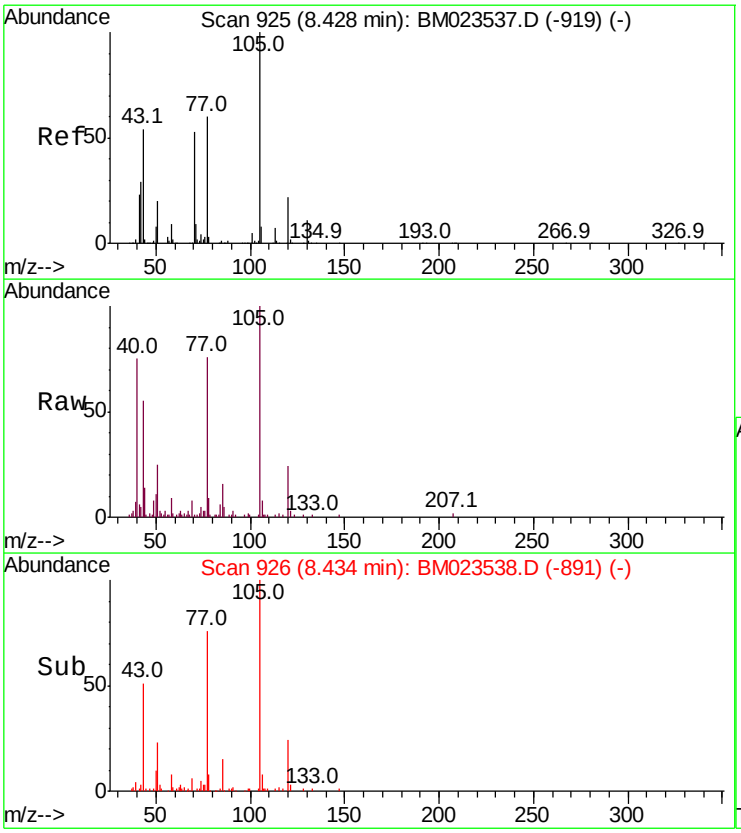
#8
Bis(2-Chloroethyl)ether
Concen: 5.134 ng/ul
RT: 7.06 min Scan# 692
Delta R.T. 0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 151390

Ion	Ratio	Lower	Upper
93	100		
63	2.3	61.4	92.0#
95	2.3	26.1	39.1#

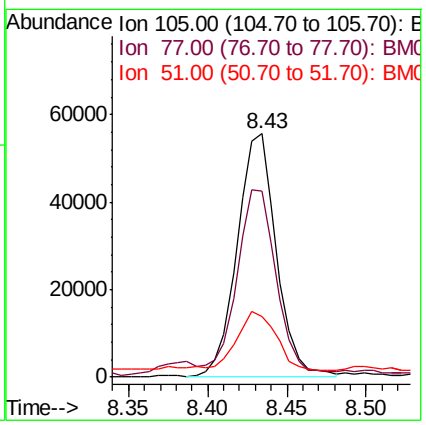


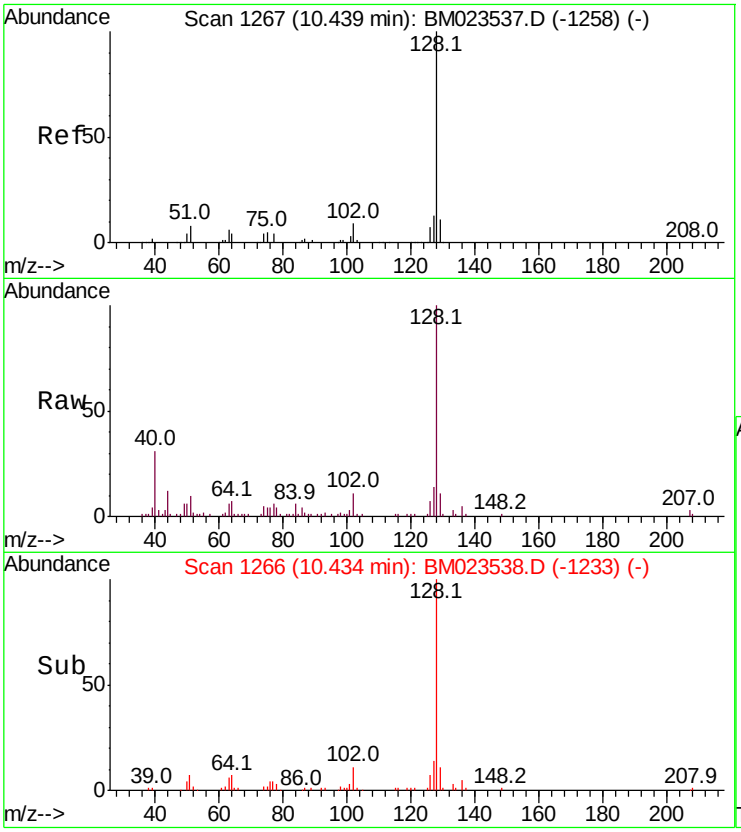


#14
Acetophenone
Concen: 2.049 ng/ul
RT: 8.43 min Scan# 926
Delta R.T. 0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:105 Resp: 95470

Ion	Ratio	Lower	Upper
105	100		
77	76.3	64.8	97.2
51	25.1	21.3	31.9



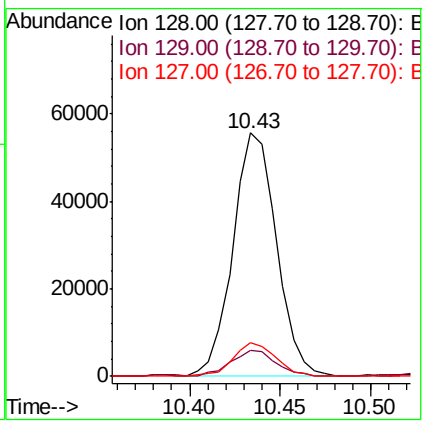


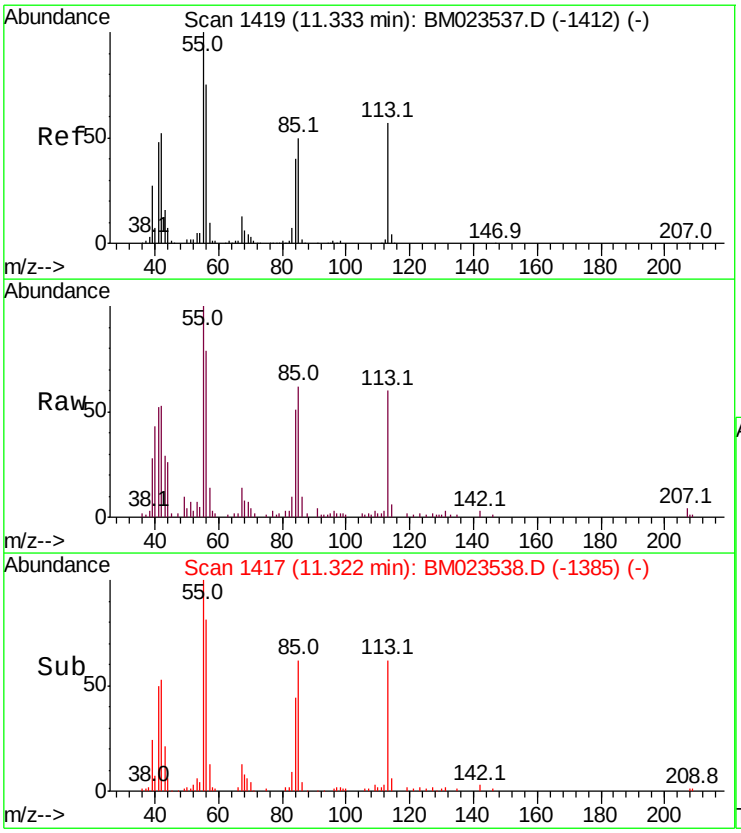
#28
Naphthalene
Concen: 1.029 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 93209

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	14.0	10.4	15.6

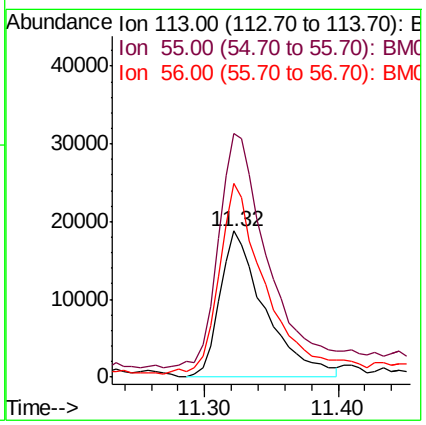


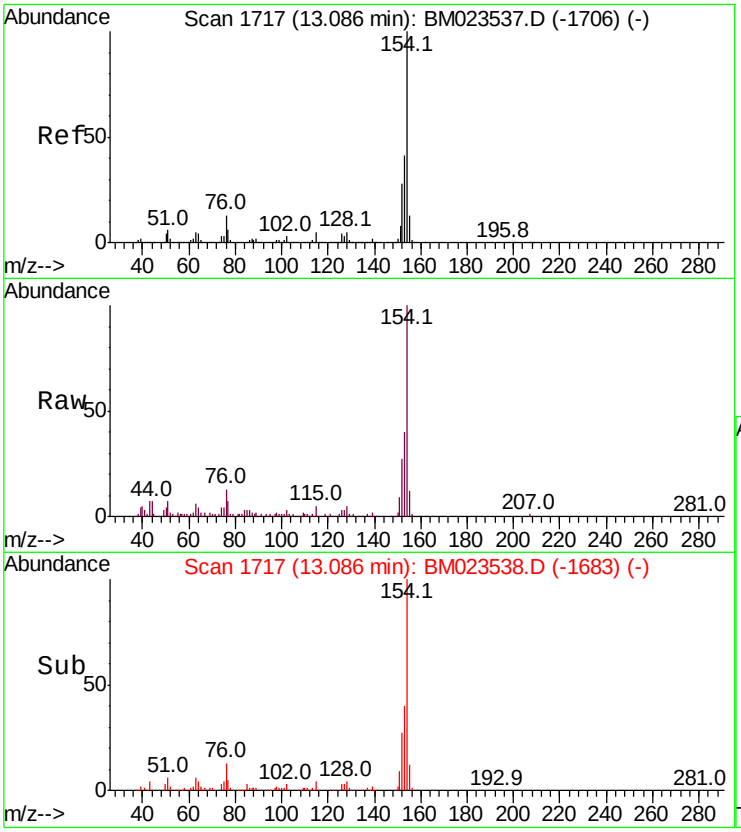


#32
Caprolactam
Concen: 5.060 ng/ul
RT: 11.32 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:113 Resp: 44471

Ion	Ratio	Lower	Upper
113	100		
55	166.6	132.8	199.2
56	132.3	100.6	150.8



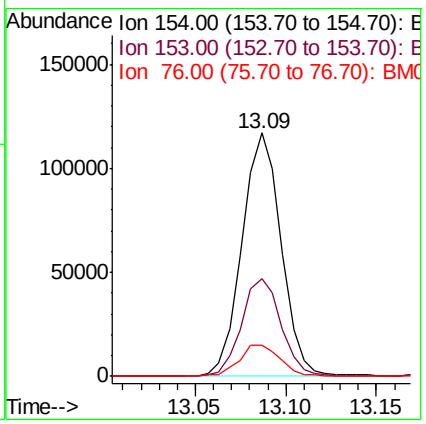


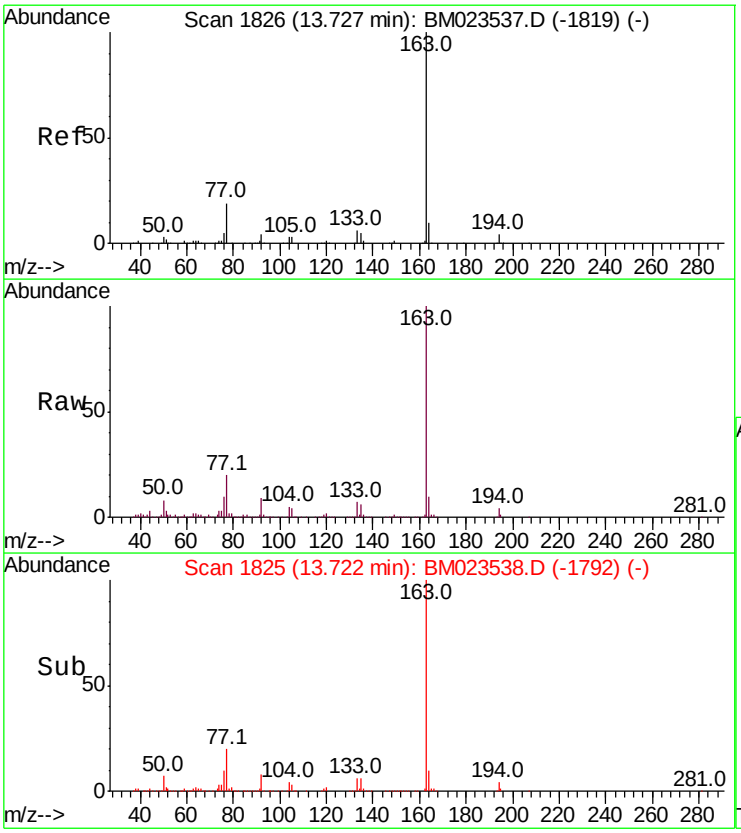
#41
1,1'-Biphenyl
Concen: 2.139 ng/ul
RT: 13.09 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 175562

Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.6	49.0
76	12.7	10.2	15.2

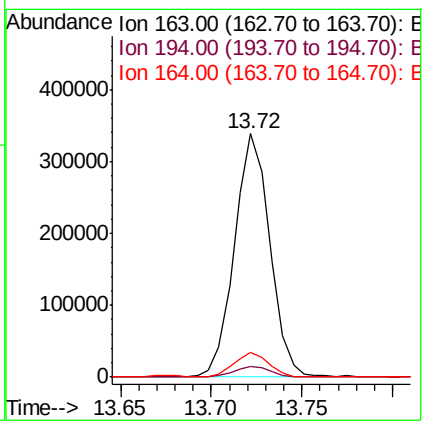


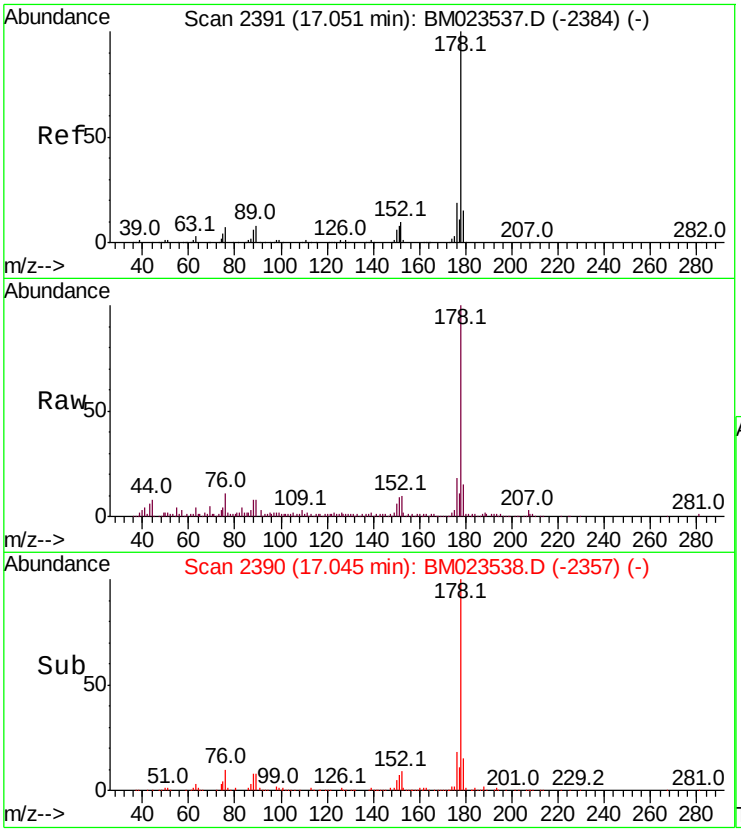


#45
Dimethylphthalate
Concen: 5.696 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:163 Resp: 459603

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.4	7.9	11.9



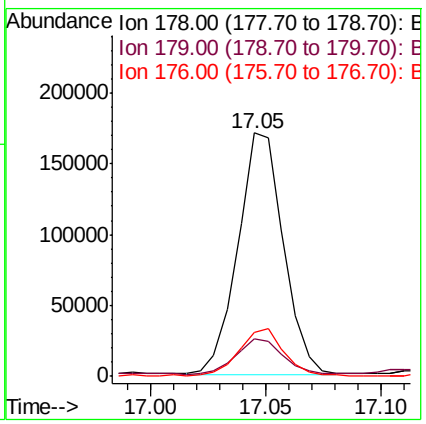


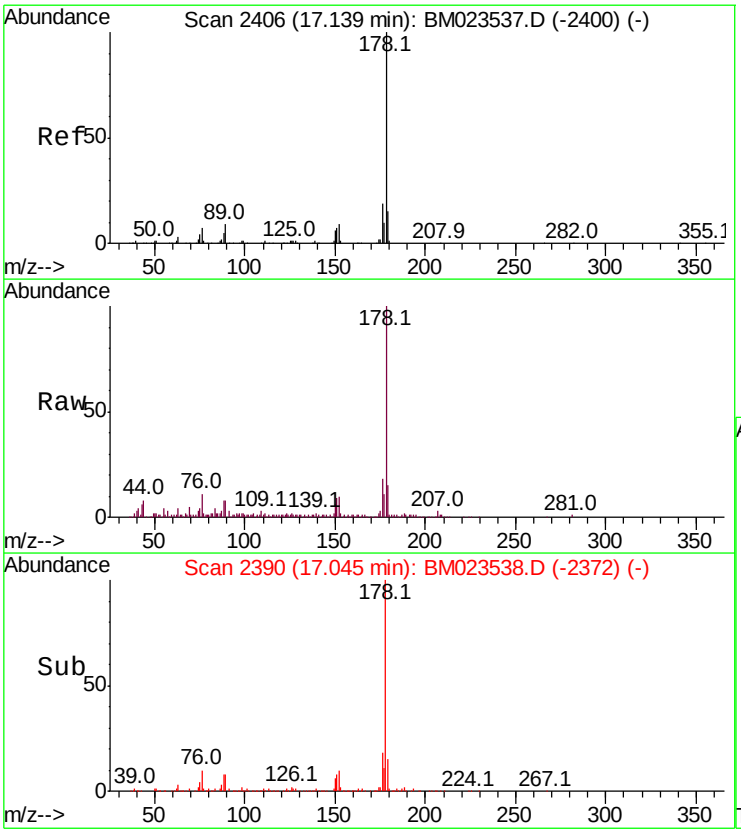
#70
Phenanthrene
Concen: 1.900 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 235595

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.2	14.9	22.3

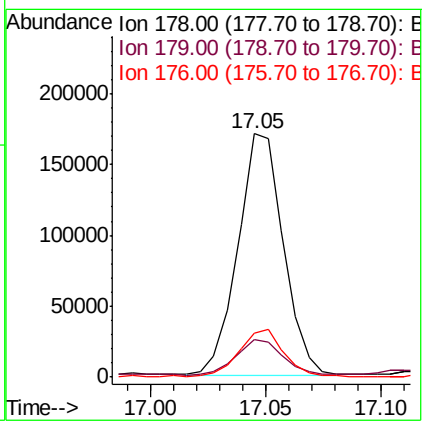


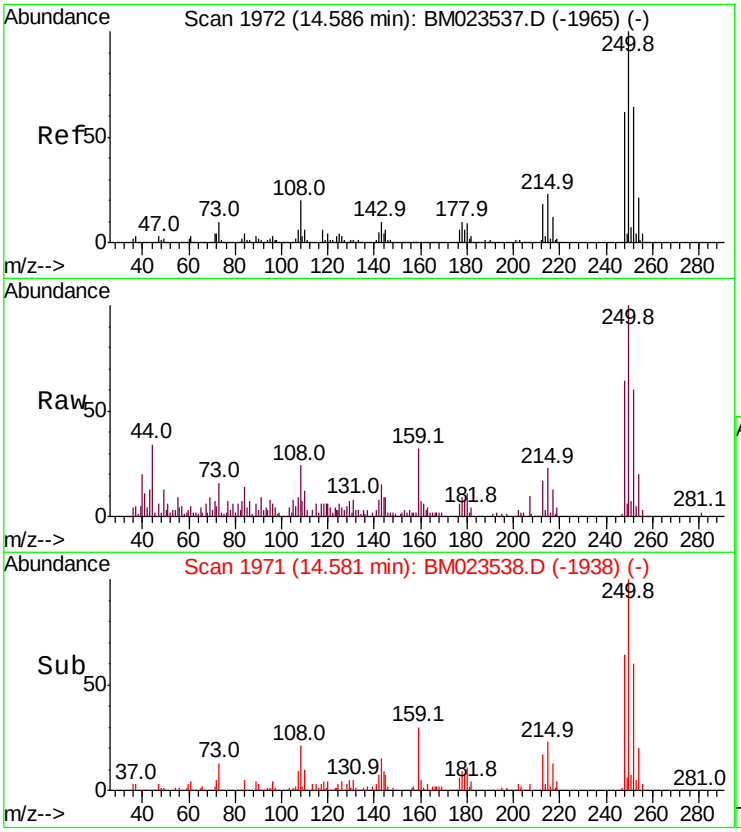


#72
Anthracene
Concen: 1.883 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.09 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:178 Resp: 236581

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.2	14.4	21.6



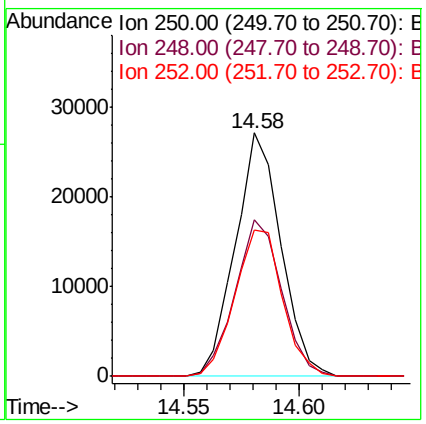


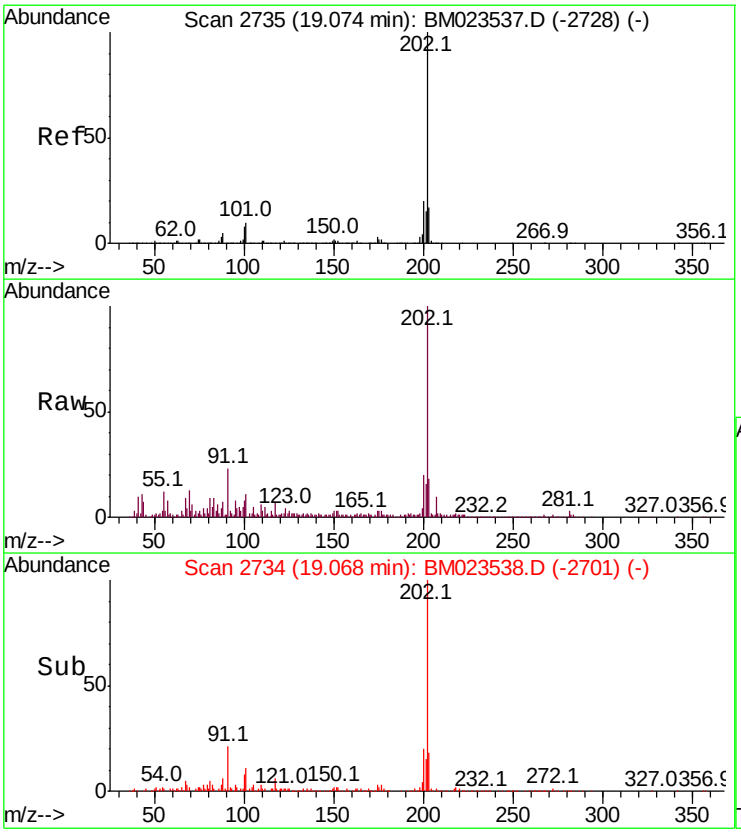
#74
Pentachlorobenzene
Concen: 1.049 ng/uL
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 37366

Ion	Ratio	Lower	Upper
250	100		
248	64.3	50.7	76.1
252	59.9	51.8	77.8

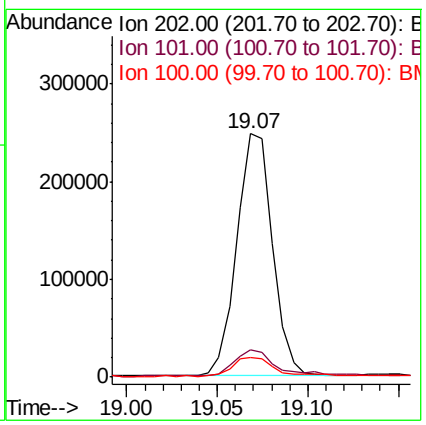


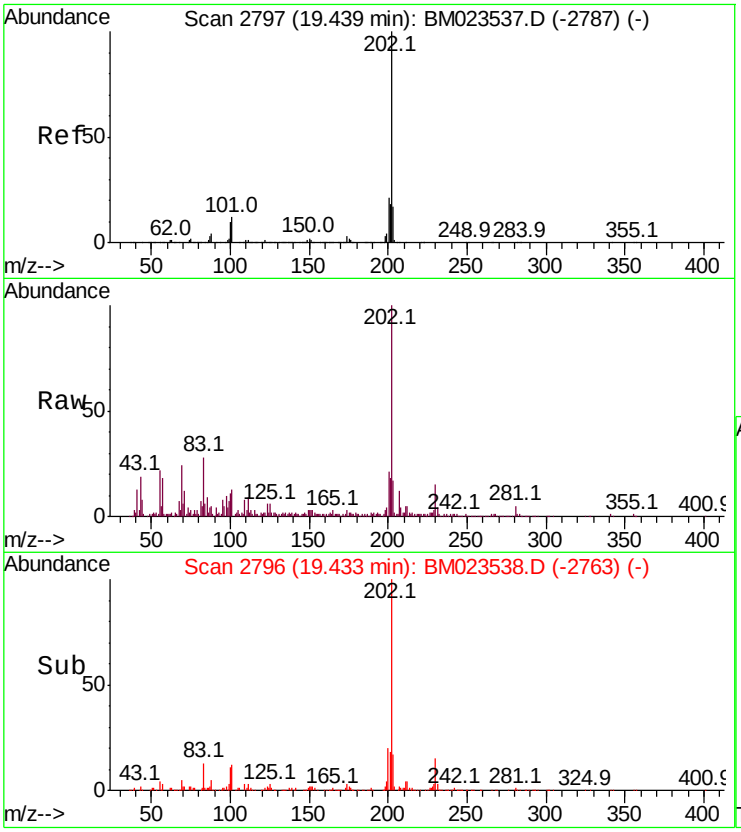


#77
Fluoranthene
Concen: 2.616 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:202 Resp: 338442

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.1	12.1
100	8.1	6.2	9.2



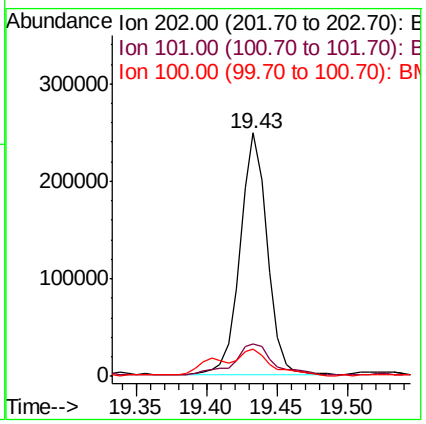


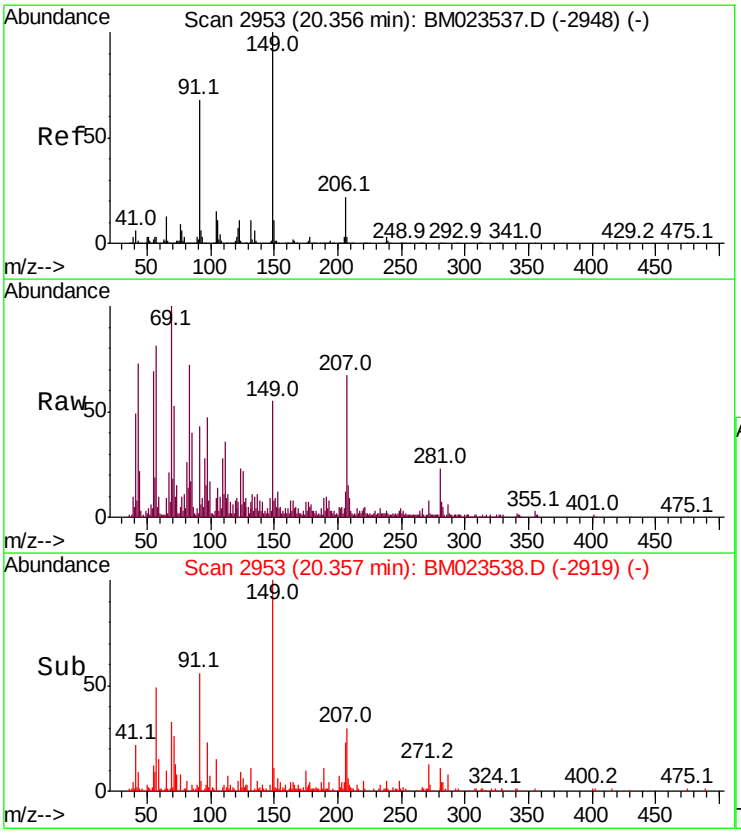
#80
Pyrene
Concen: 2.198 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 332857

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.0	15.0
100	11.1	8.3	12.5

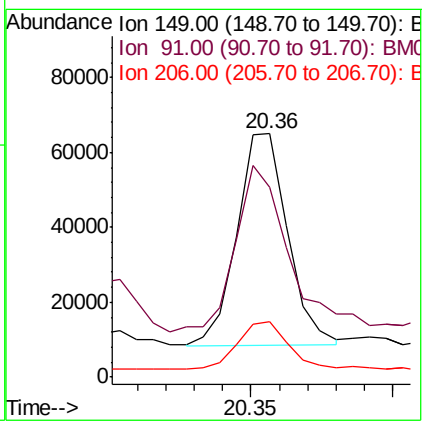


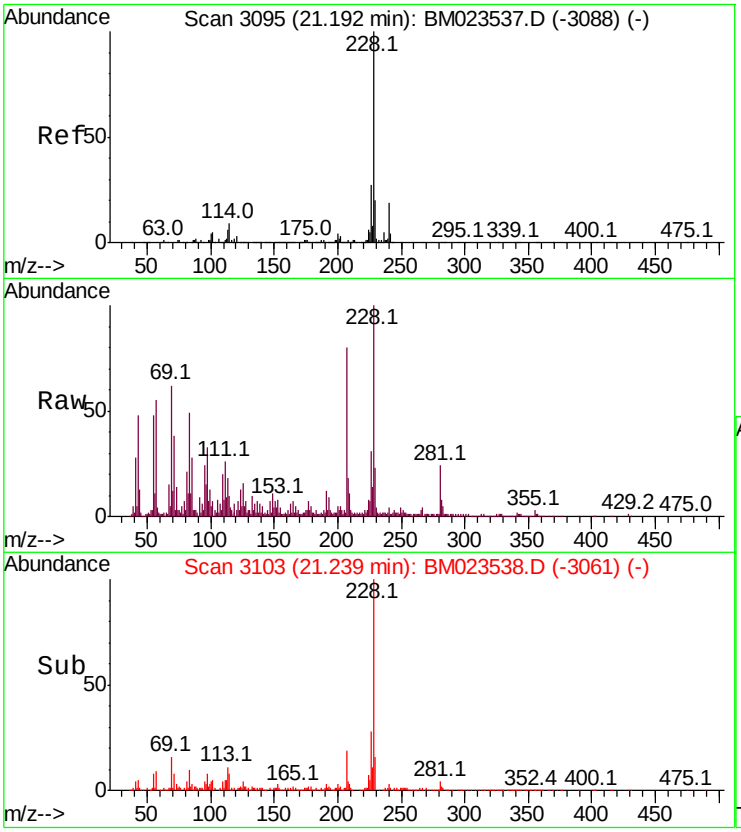


#81
Butylbenzylphthalate
Concen: 1.142 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:149 Resp: 70839

Ion	Ratio	Lower	Upper
149	100		
91	78.2	54.2	81.2
206	22.7	17.7	26.5



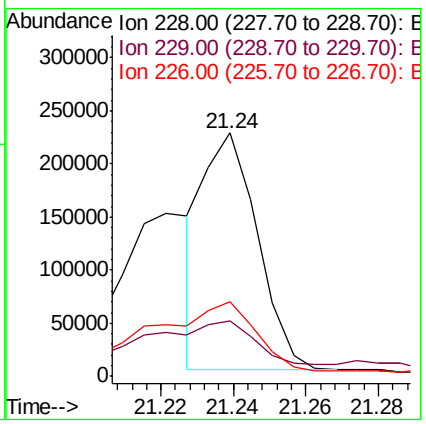


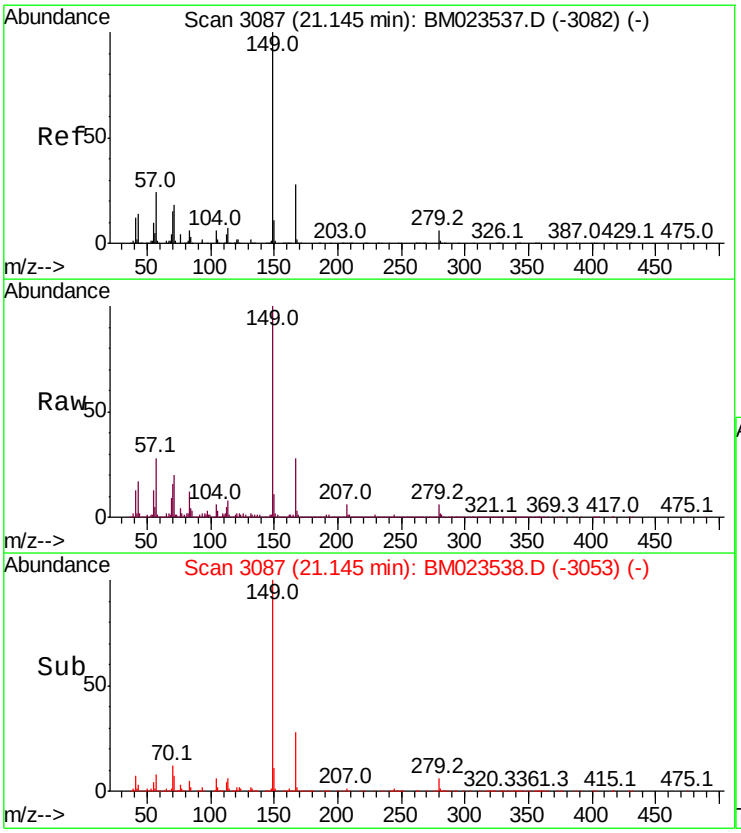
#83
Benzo(a)anthracene
Concen: 1.602 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.05 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 229829

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.8	23.8
226	30.6	21.6	32.4

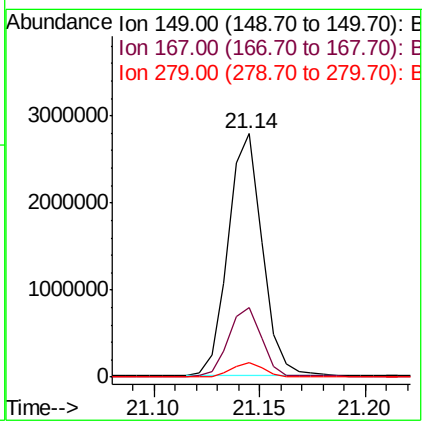


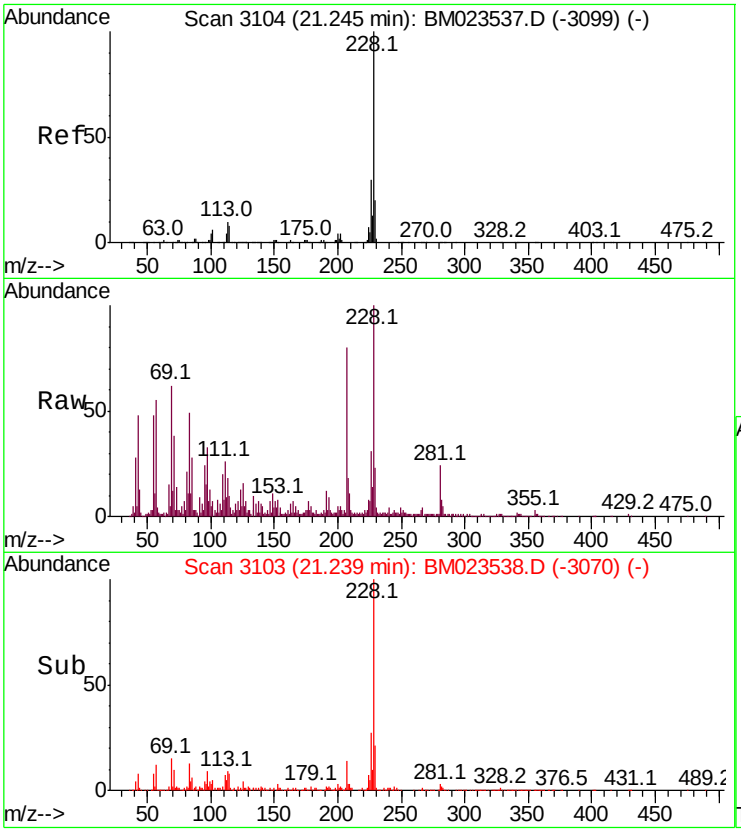


#84
Bis(2-ethylhexyl)phthalate
Concen: 35.472 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:149 Resp: 3083647

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	5.9	4.1	6.1



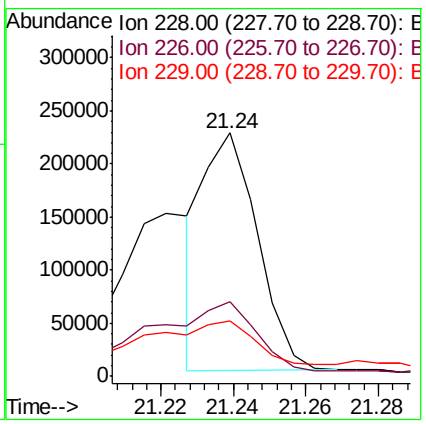


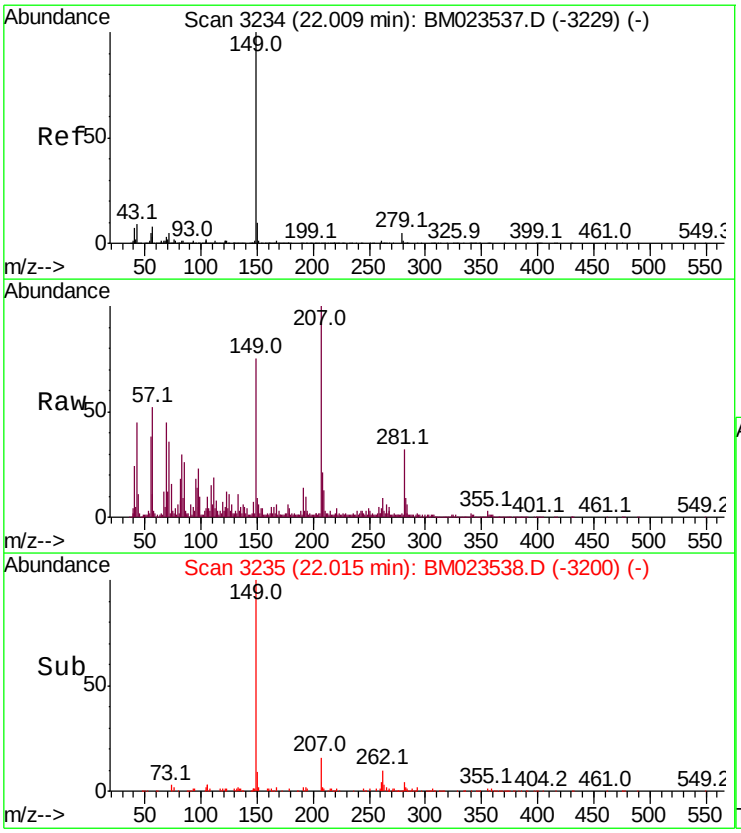
#85
Chrysene
Concen: 1.738 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 230027

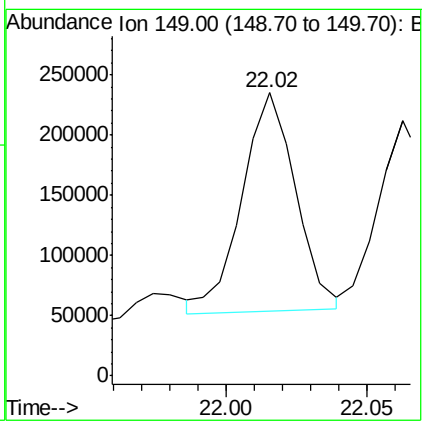
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	22.9	16.0	24.0

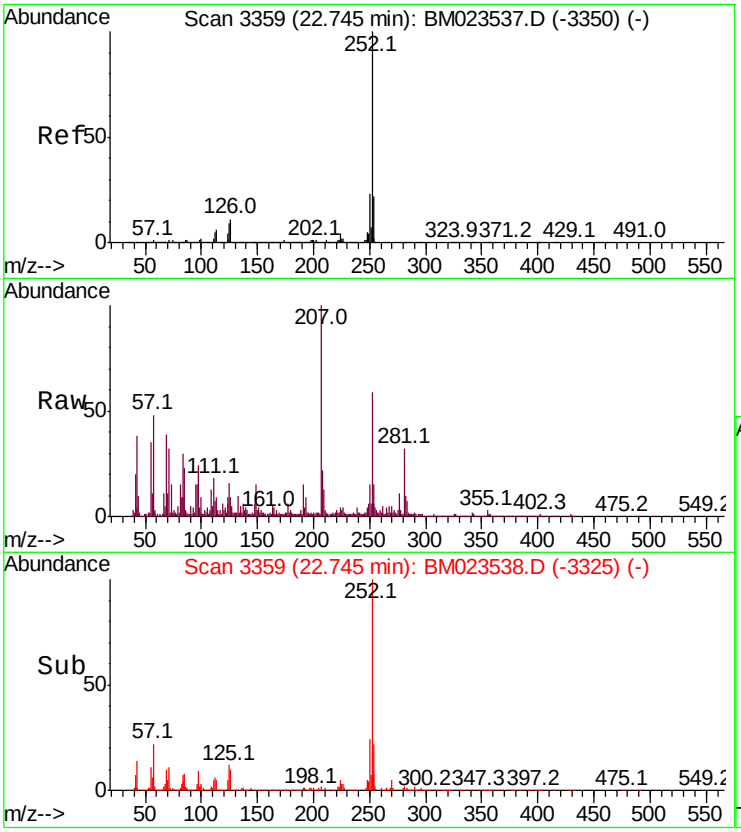




#87
Di-n-octyl phthalate
Concen: 1.566 ng/ul
RT: 22.02 min Scan# 3235
Delta R.T. 0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:149 Resp: 239730



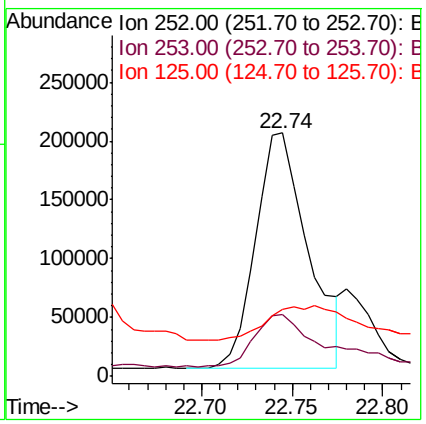


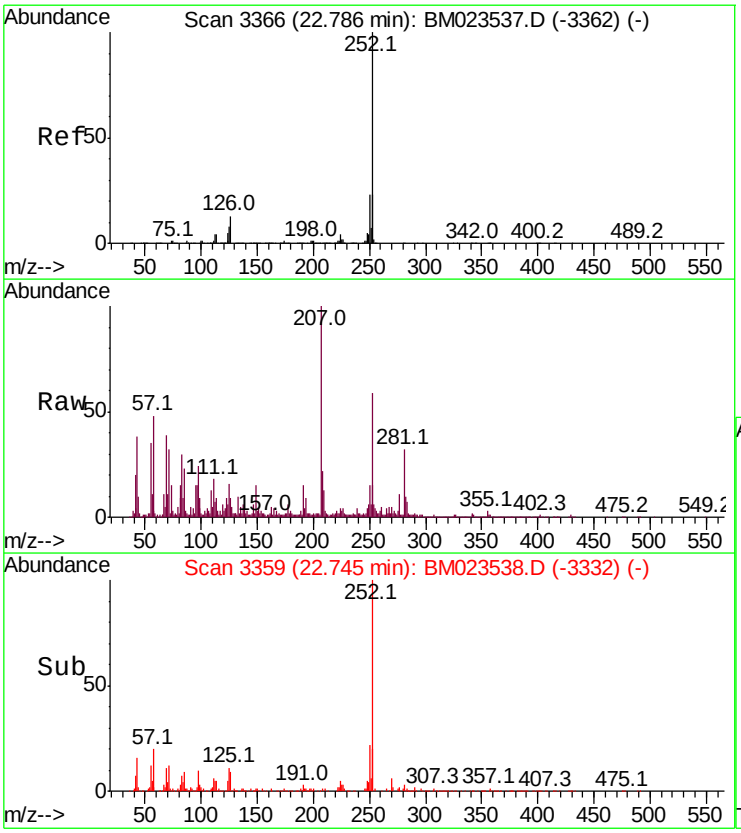
#88
Benzo(b)fluoranthene
Concen: 2.427 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 405768

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	27.5	7.1	10.7#

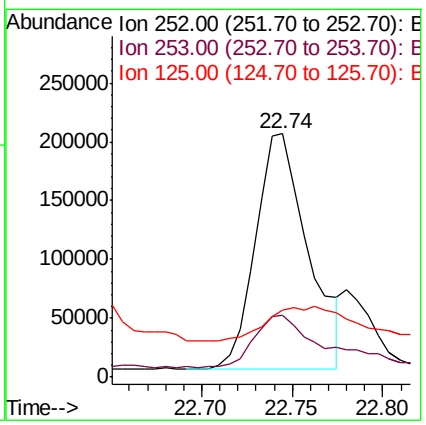


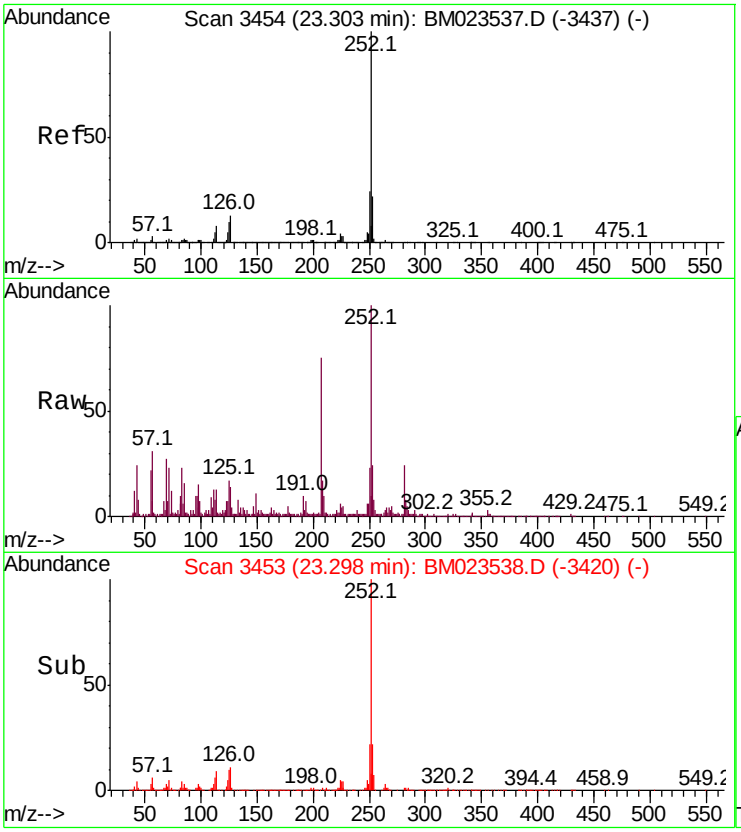


#89
Benzo(k)fluoranthene
Concen: 2.585 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.04 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:252 Resp: 405768

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.6
125	27.5	6.8	10.2#



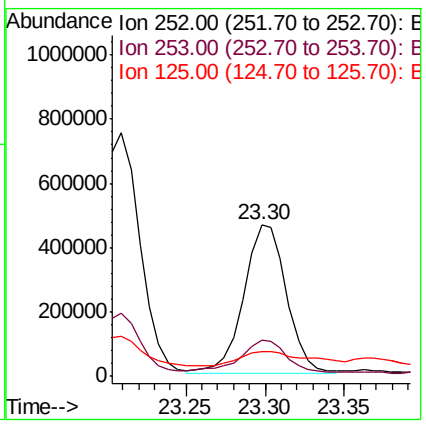


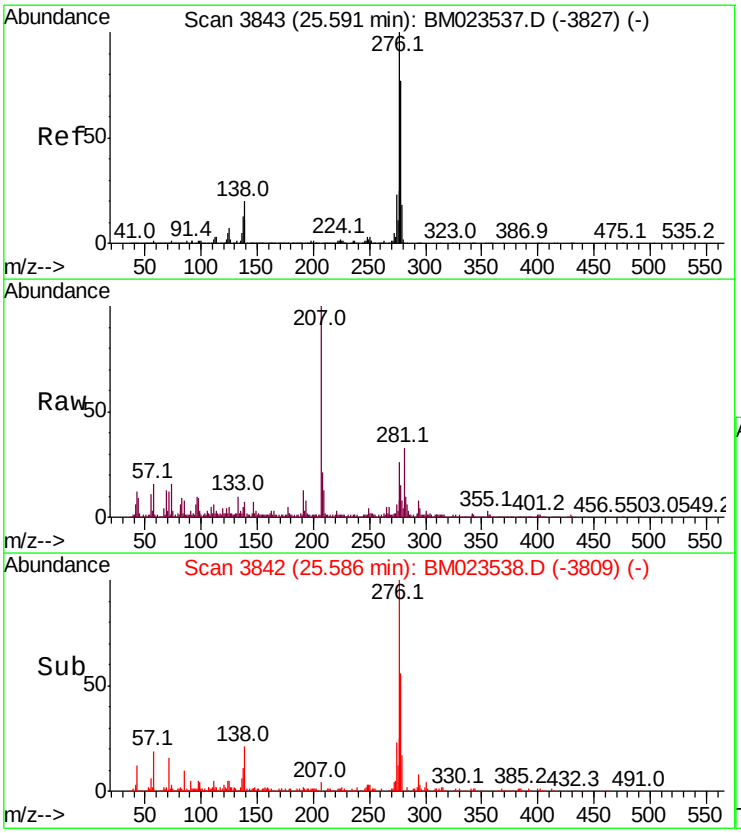
#91
Benzo(a)pyrene
Concen: 5.757 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 871304

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	16.6	7.5	11.3#

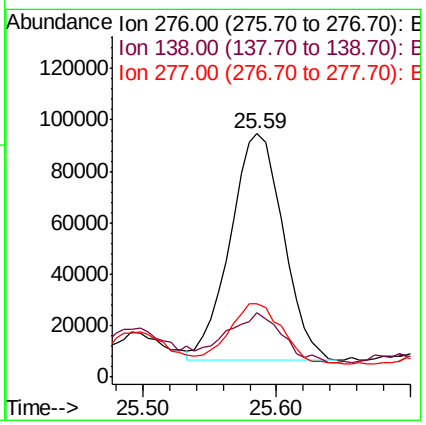


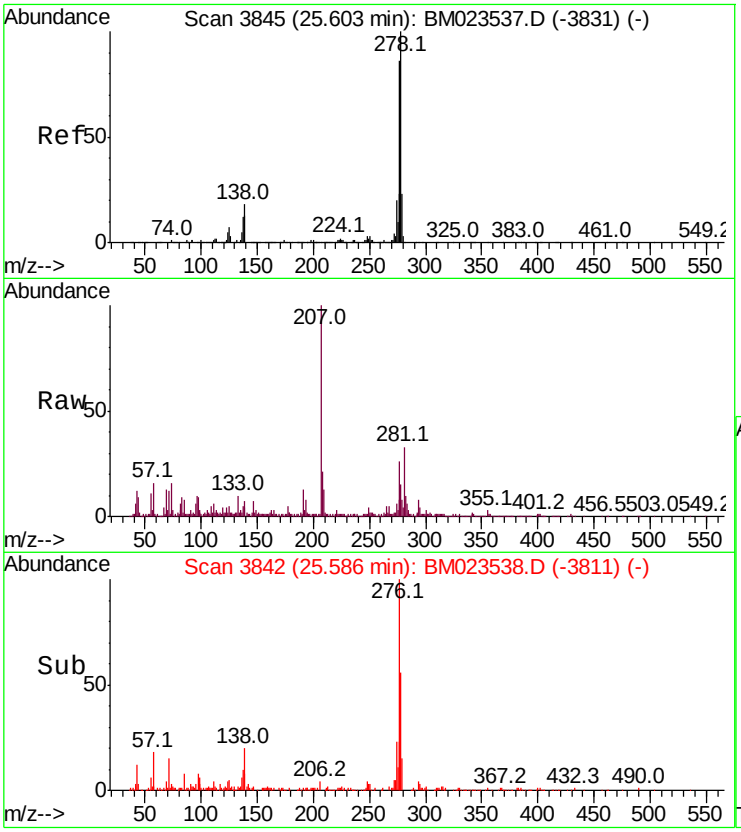


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.483 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:276 Resp: 243058

Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.7	23.5#
277	30.0	20.2	30.2



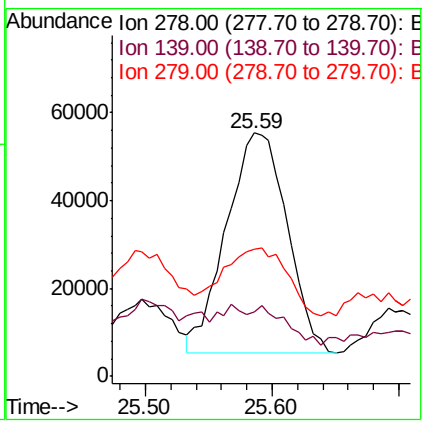


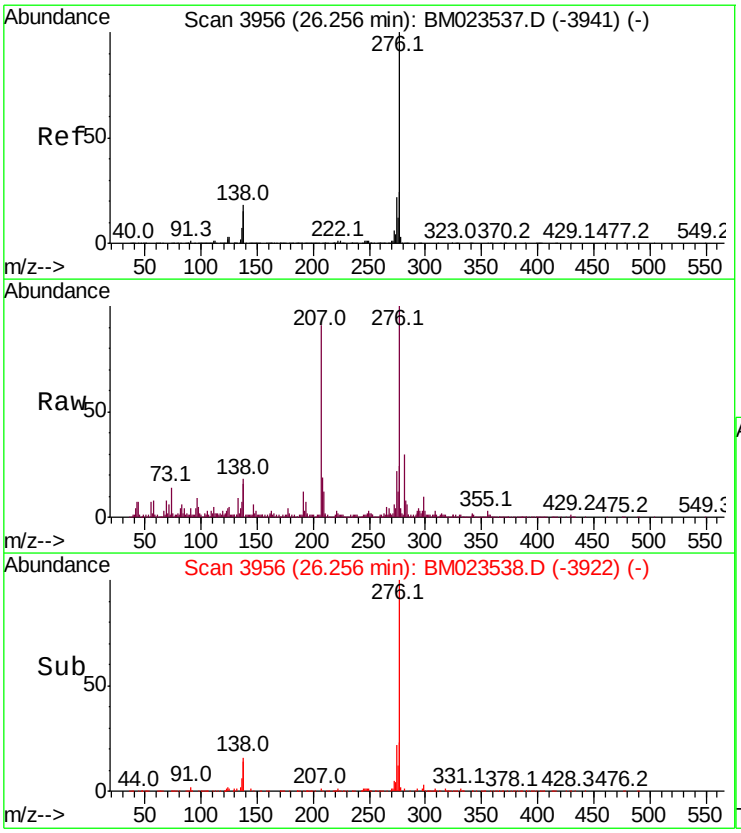
#93
Dibenzo(a,h)anthracene
Concen: 1.209 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 167082

Ion	Ratio	Lower	Upper
278	100		
139	26.3	10.9	16.3#
279	52.4	18.7	28.1#





#94
Benzo(g,h,i)perylene
Concen: 8.955 ng/ul
RT: 26.26 min Scan# 3956
Delta R.T. 0.00 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:276 Resp: 1193999

Ion	Ratio	Lower	Upper
276	100		
138	17.9	14.4	21.6
277	24.3	19.0	28.6