

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023284.D
 Acq On : 19 Oct 2019 12:43
 Operator : JU
 Sample : K5235-15DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPB5DL

Manual Integrations
 APPROVED

mohammad
 10/22/2019 1:45:07 AM

Quant Time: Oct 20 00:08:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 19 23:34:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	400392	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1556406	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	921358	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1892694	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1979326	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2434297	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	20981	2.31	ng/uL	0.00
5) Phenol-d5	6.82	99	367811	10.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	220670	11.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	297092	11.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	266959	9.53	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	133115	12.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	136138	13.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	292293	11.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	226596	7.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	880028	12.46	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1027565	12.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	84865	7.42	ng/ul	0.00
58) Fluorene-d10	15.29	176	776257	12.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	68592	9.14	ng/ul	0.00
71) Anthracene-d10	17.14	188	1169638	12.82	ng/ul	0.00
79) Pyrene-d10	19.44	212	1338855	13.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1634549	13.25	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	54315	1.510	ng/ul 96
45) Dimethylphthalate	13.76	163	299866	4.243	ng/ul 99
70) Phenanthrene	17.08	178	652286	6.141	ng/ul 99
72) Anthracene	17.17	178	167507	1.526	ng/ul 99
77) Fluoranthene	19.10	202	1597731	12.648	ng/ul 100
80) Pyrene	19.47	202	1894743	15.281	ng/ul 100
83) Benzo(a)anthracene	21.22	228	1145707	8.543	ng/ul 96
84) Bis(2-ethylhexyl)phthalate	21.18	149	2857805	41.674	ng/ul 99
85) Chrysene	21.27	228	1210826	9.723	ng/ul 97
87) Di-n-octyl phthalate	22.05	149	141738	1.129	ng/ul 100
88) Benzo(b)fluoranthene	22.78	252	1510690	10.236	ng/ul# 97
89) Benzo(k)fluoranthene	22.81	252	429665m	3.032	ng/ul
91) Benzo(a)pyrene	23.34	252	1175680	8.303	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.64	276	747436	4.437	ng/ul 98
93) Dibenzo(a,h)anthracene	25.65	278	223230	1.585	ng/ul# 92
94) Benzo(g,h,i)perylene	26.31	276	766607	5.527	ng/ul 99

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

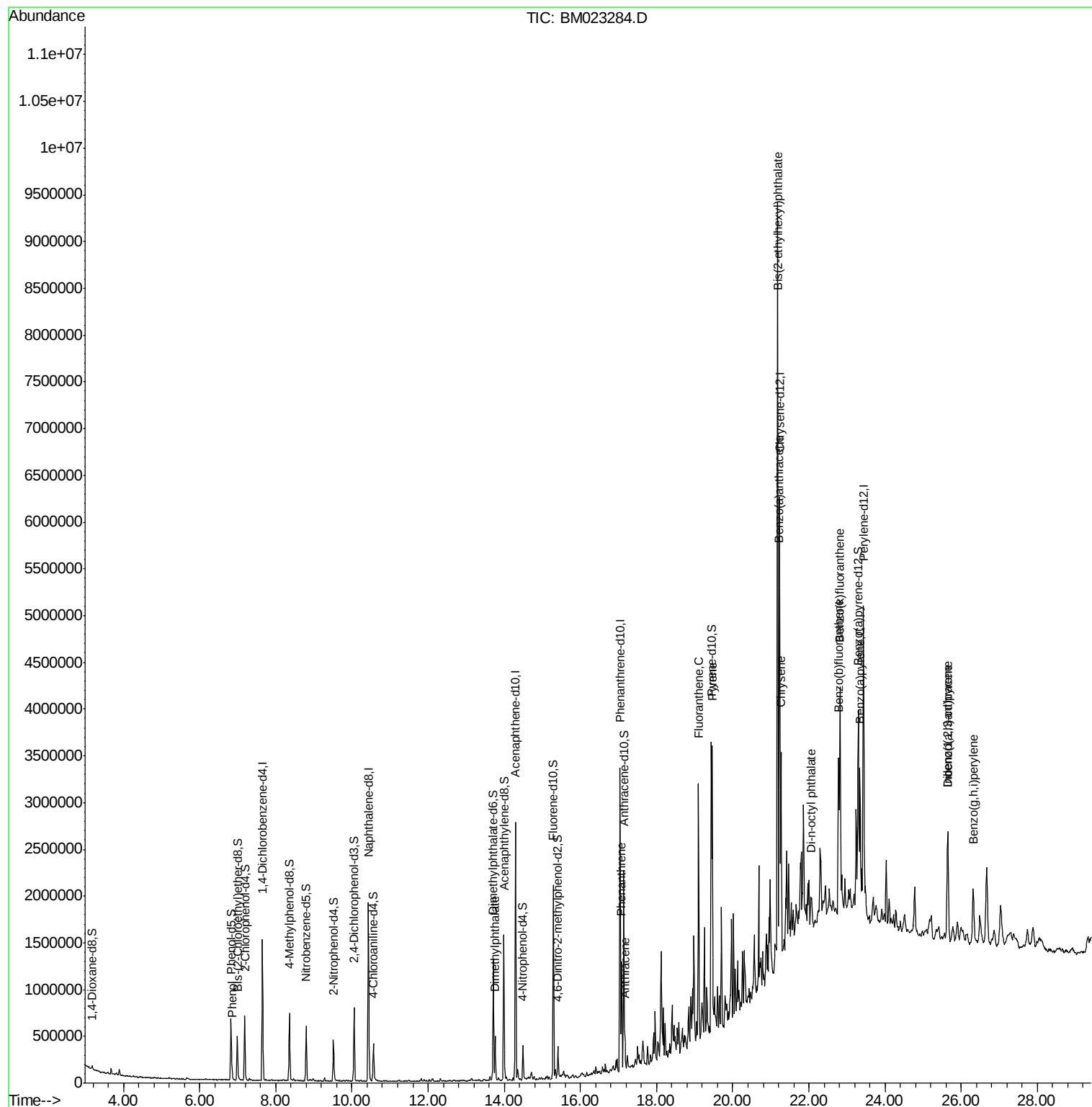
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023284.D
Acq On : 19 Oct 2019 12:43
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

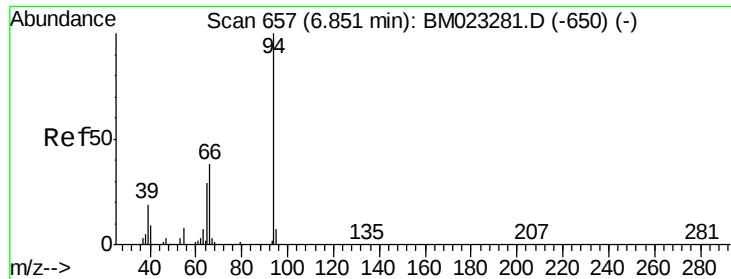
Instrument :
BNA_M
ClientSampled :
BEPB5DL

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Quant Time: Oct 20 00:08:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.510 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. -0.00 min

Lab File: BM023284.D

Acq: 19 Oct 2019 12:43

Instrument :

BNA_M

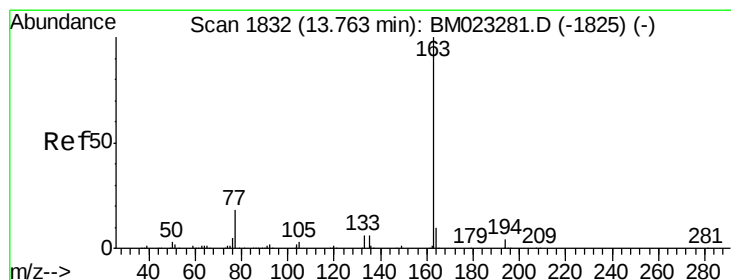
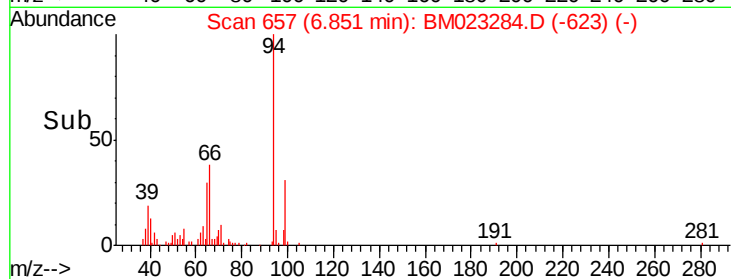
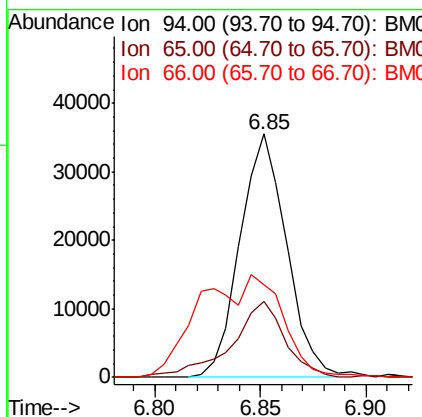
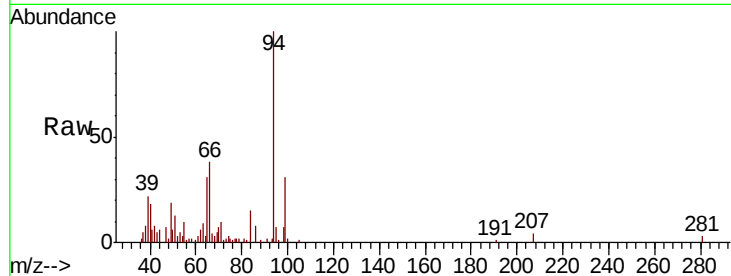
ClientSampleId :

BEPB5DL

Tot Ion:	94	Resp:	54315
Ion	Ratio	Lower	Upper
94	100		
65	31.1	23.7	35.5
66	38.1	32.9	49.3

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#45

Dimethylphthalate

Concen: 4.243 ng/ul

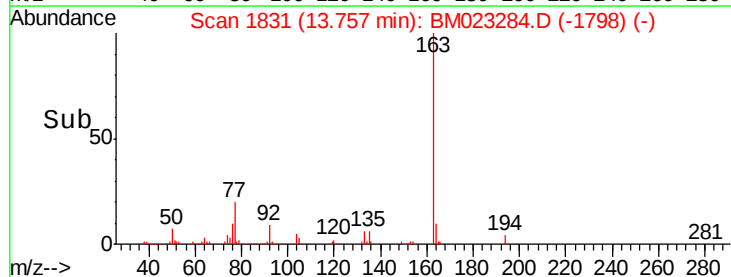
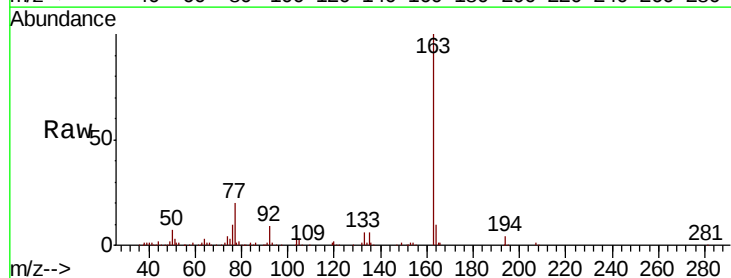
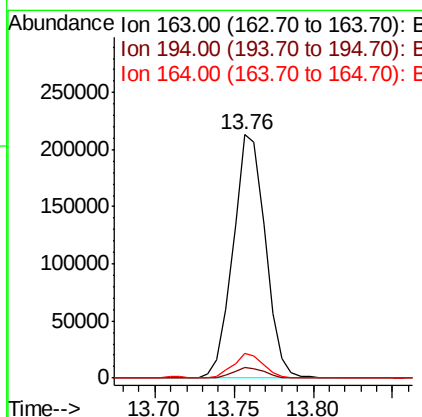
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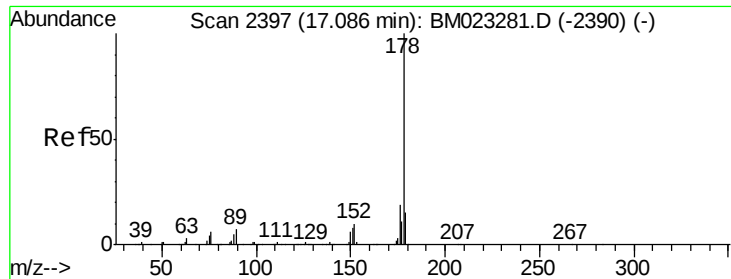
Delta R.T. -0.01 min

Lab File: BM023284.D

Acq: 19 Oct 2019 12:43

Tgt Ion:	163	Resp:	299866
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.3	8.0	12.0





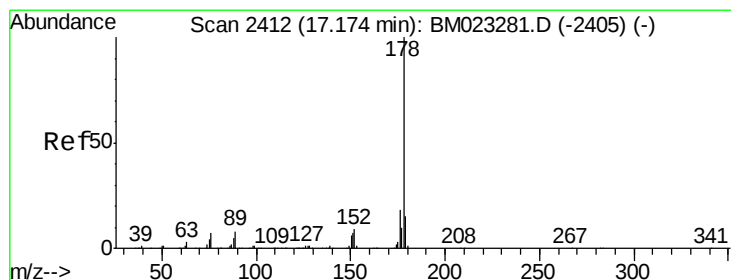
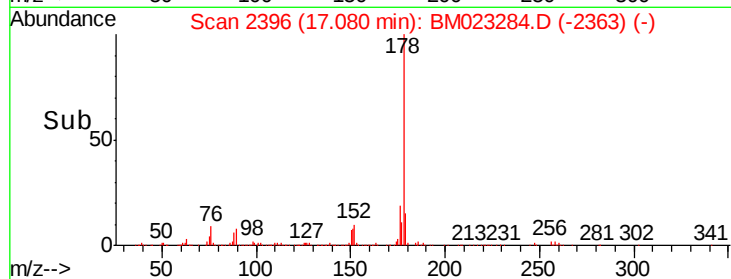
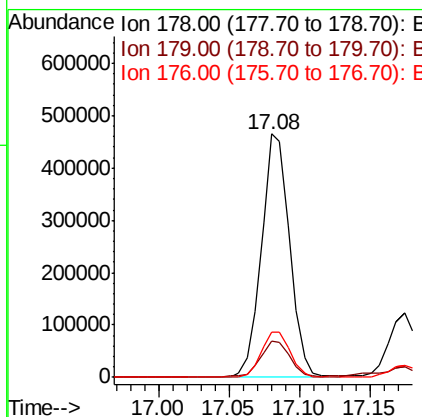
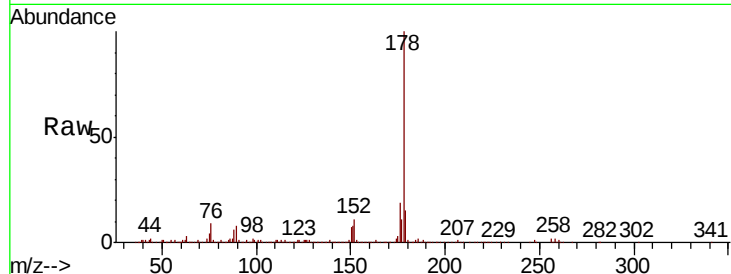
#70
Phenanthrene
Concen: 6.141 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM023284.D
Acq: 19 Oct 2019 12:43

Instrument :
BNA_M
ClientSampleId :
BEPB5DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.7	15.5	23.3

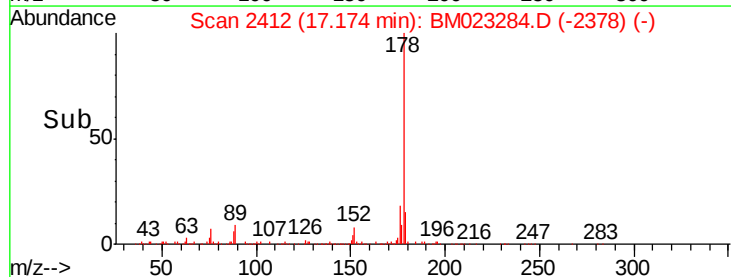
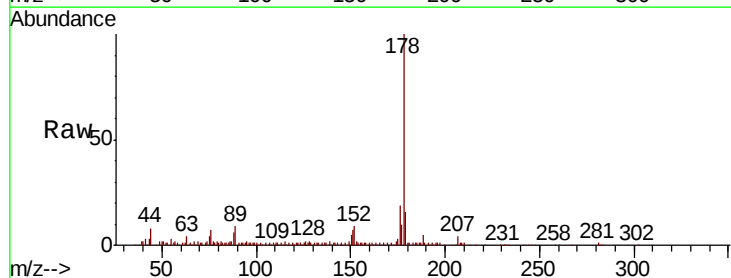
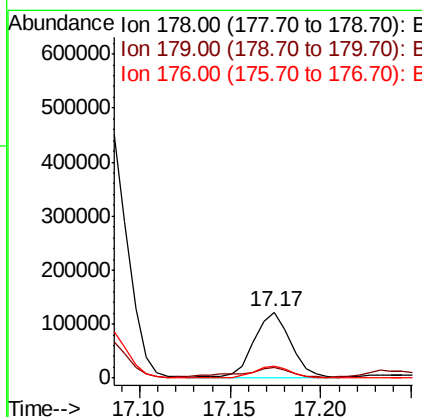
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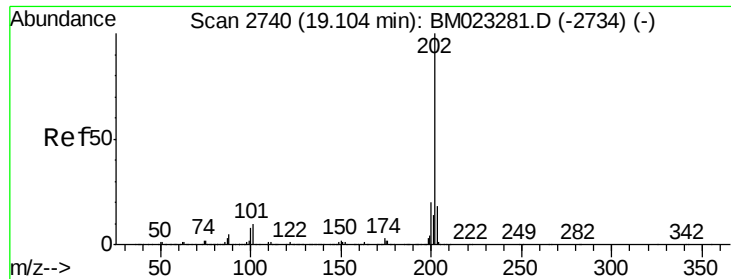
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#72
Anthracene
Concen: 1.526 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM023284.D
Acq: 19 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.6	15.0	22.4





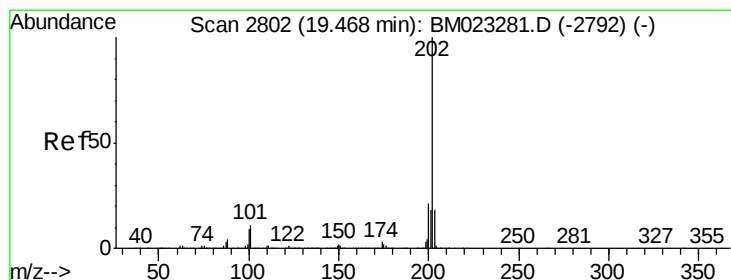
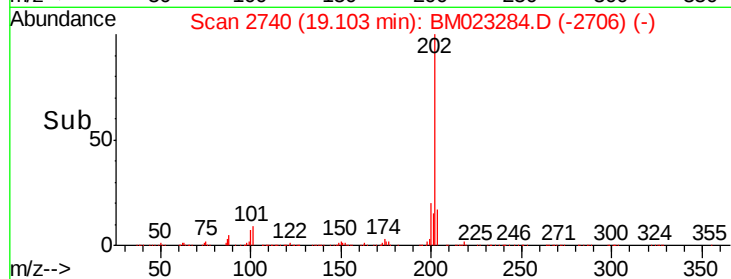
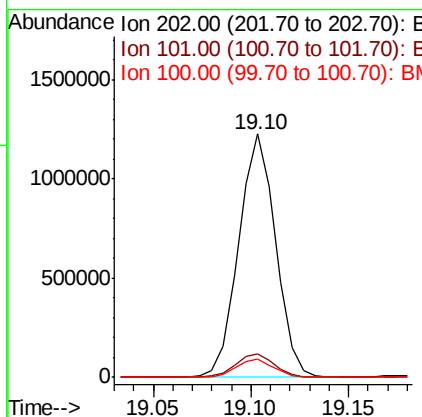
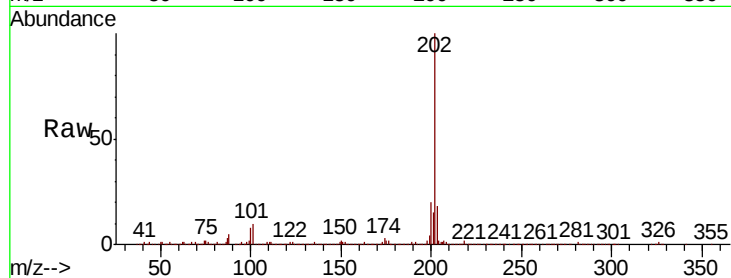
#77
 Fluoranthene
 Concen: 12.648 ng/ul
 RT: 19.10 min Scan# 2740
 Delta R.T. -0.00 min
 Lab File: BM023284.D
 Acq: 19 Oct 2019 12:43

Instrument :
 BNA_M
 ClientSampleId :
 BEPB5DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.8	11.8
100	7.6	6.1	9.1

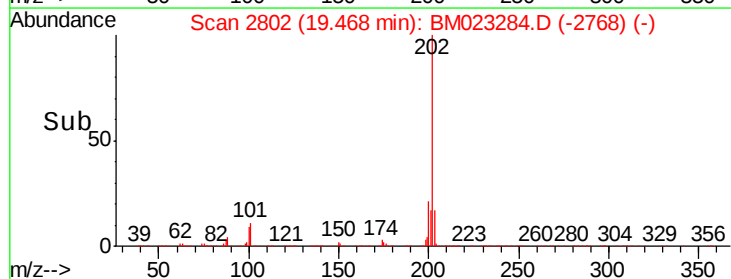
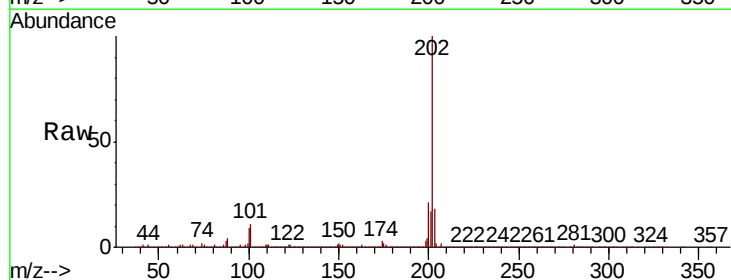
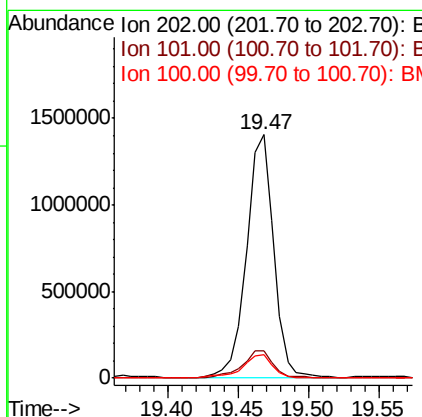
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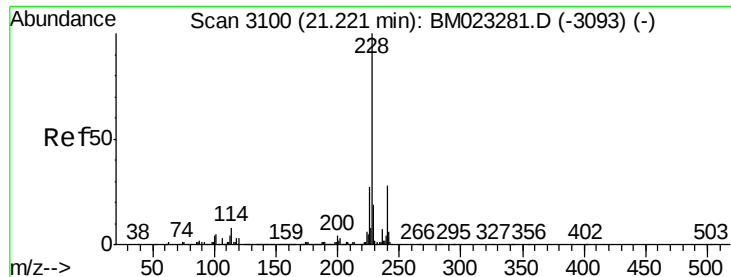
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#80
 Pyrene
 Concen: 15.281 ng/ul
 RT: 19.47 min Scan# 2802
 Delta R.T. -0.00 min
 Lab File: BM023284.D
 Acq: 19 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
100	9.4	7.5	11.3





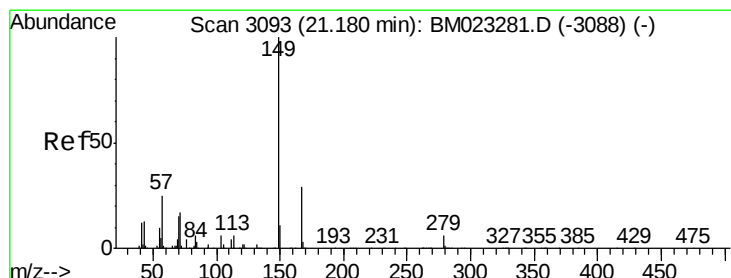
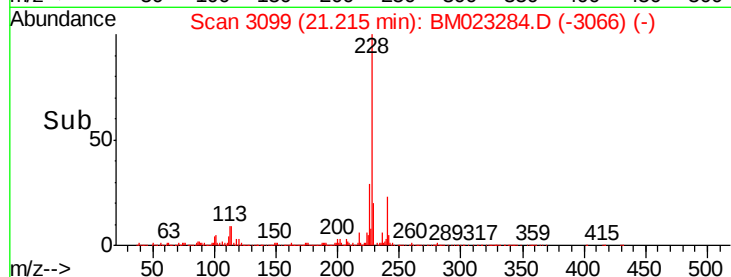
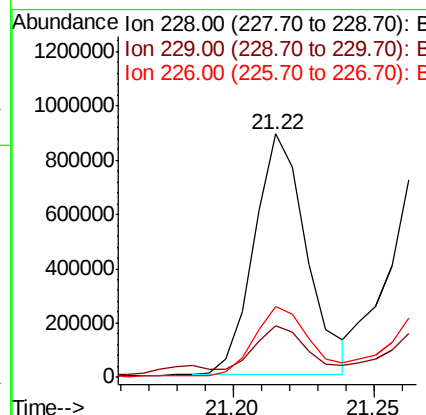
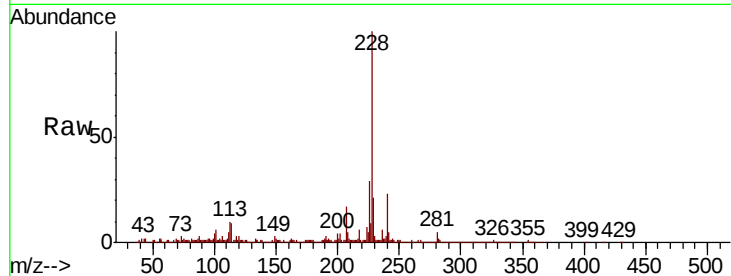
#83
Benzo(a)anthracene
Concen: 8.543 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023284.D
Acq: 19 Oct 2019 12:43

Instrument :
BNA_M
ClientSampleId :
BEPB5DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	29.1	21.6	32.4

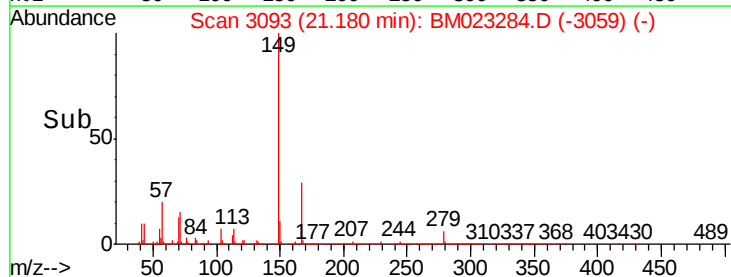
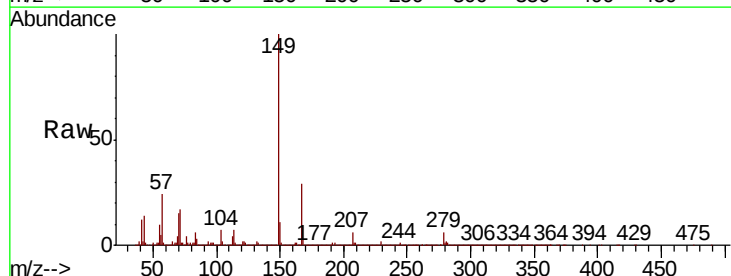
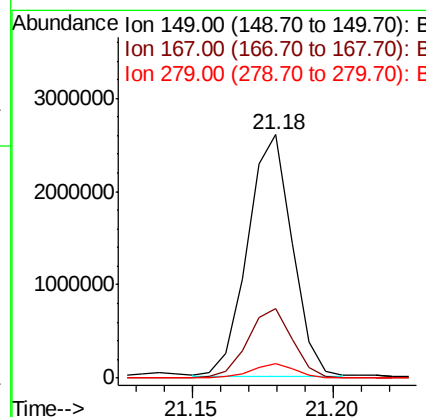
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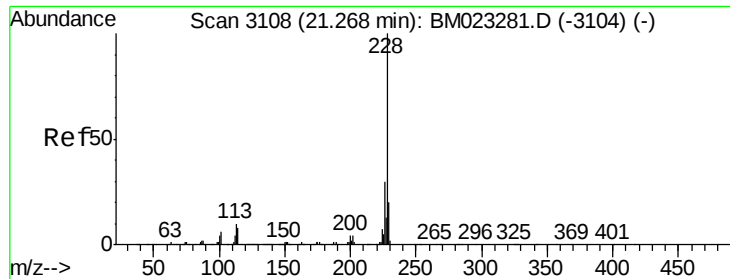
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.674 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM023284.D
Acq: 19 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.5	33.7
279	5.9	4.0	6.0





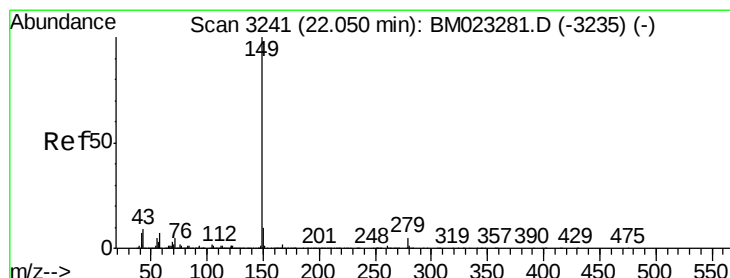
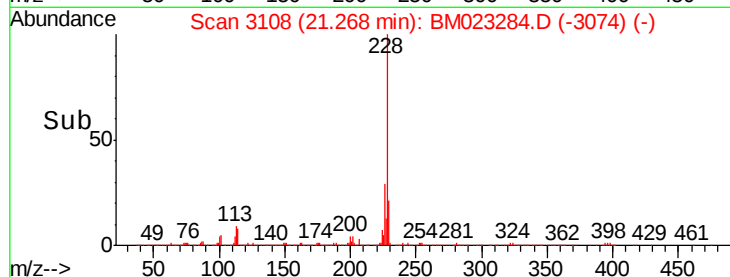
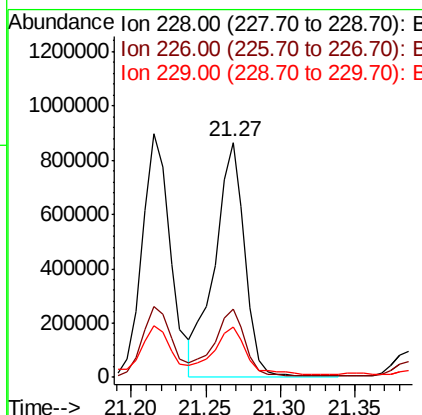
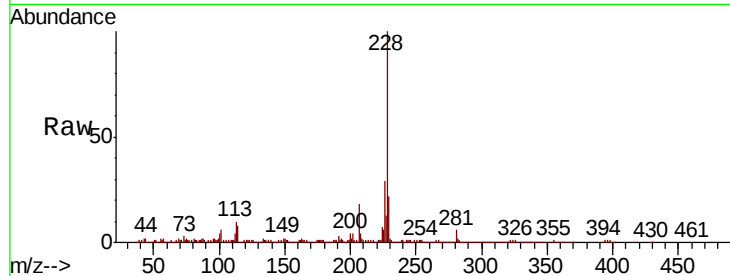
#85
Chrysene
Concen: 9.723 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BM023284.D
Acq: 19 Oct 2019 12:43

Instrument :
BNA_M
ClientSampleId :
BEPB5DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.6
229	21.7	15.5	23.3

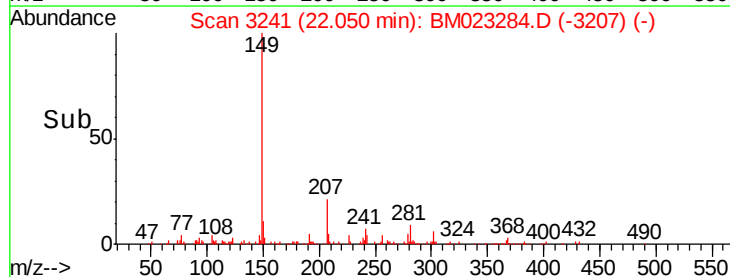
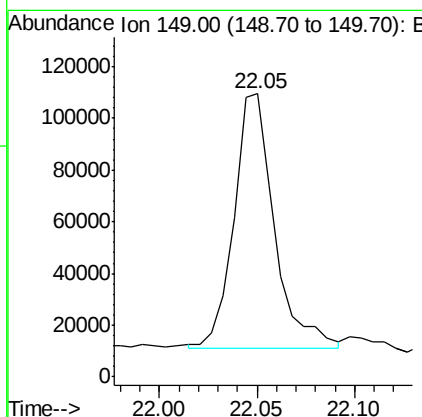
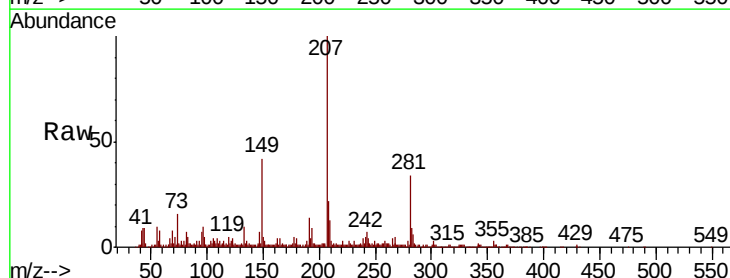
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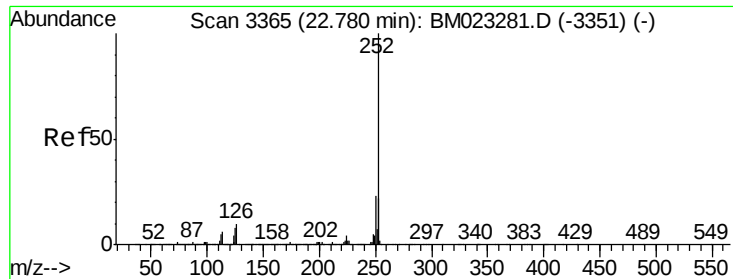
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#87
Di-n-octyl phthalate
Concen: 1.129 ng/ul
RT: 22.05 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BM023284.D
Acq: 19 Oct 2019 12:43

Tgt Ion:149 Resp: 141738





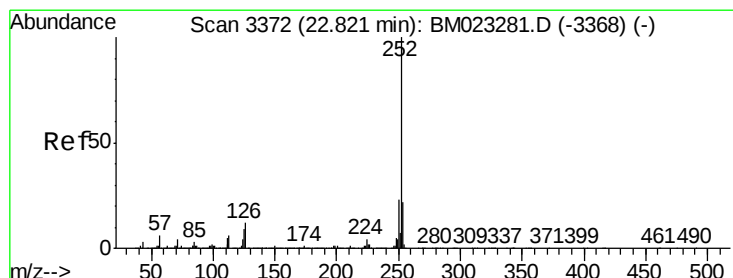
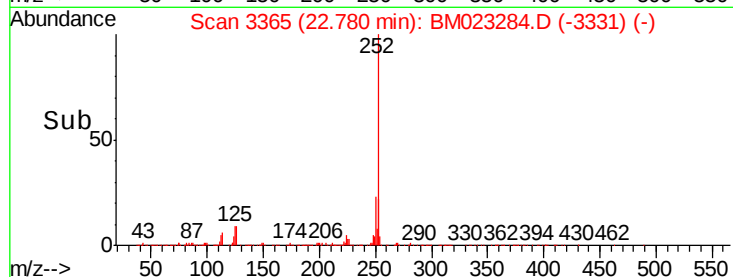
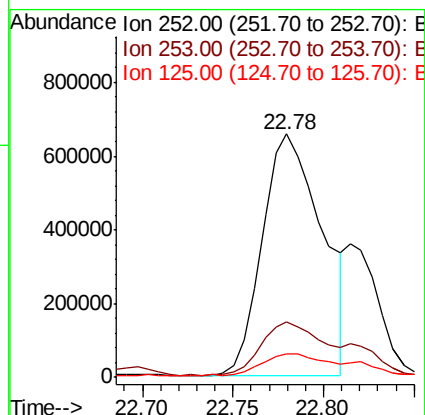
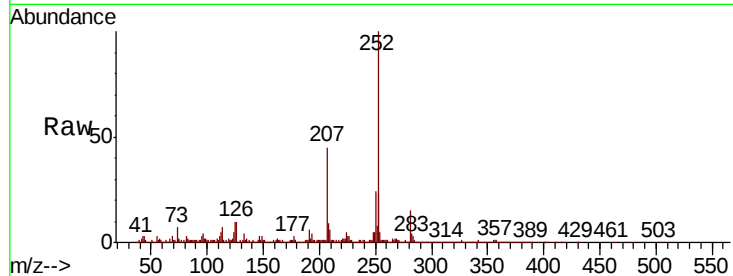
#88
Benzo(b)fluoranthene
Concen: 10.236 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.00 min
Lab File: BM023284.D
Acq: 19 Oct 2019 12:43

Instrument :
BNA_M
ClientSampleId :
BEPB5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.6	6.4	9.6#

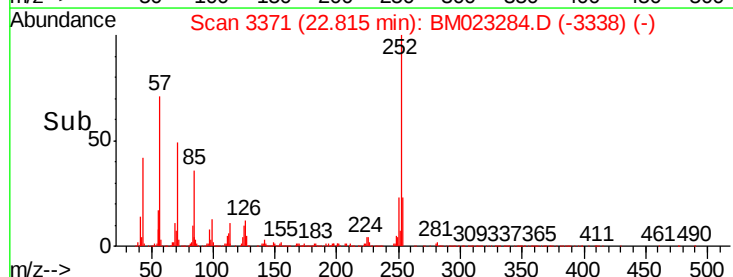
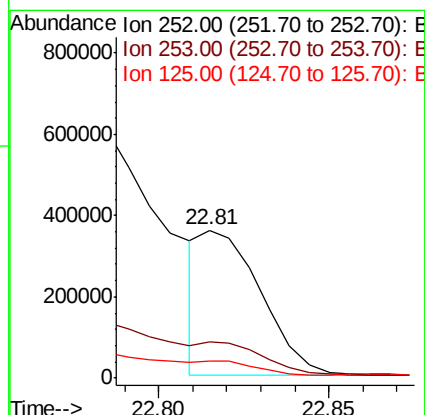
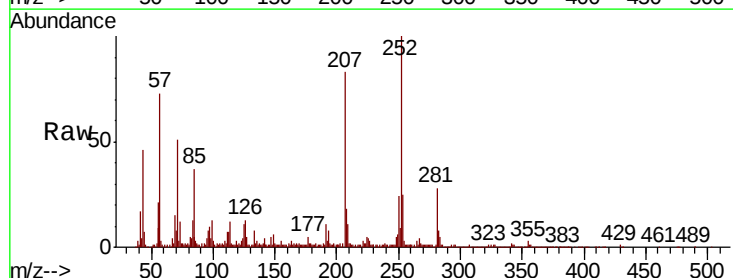
Manual Integrations
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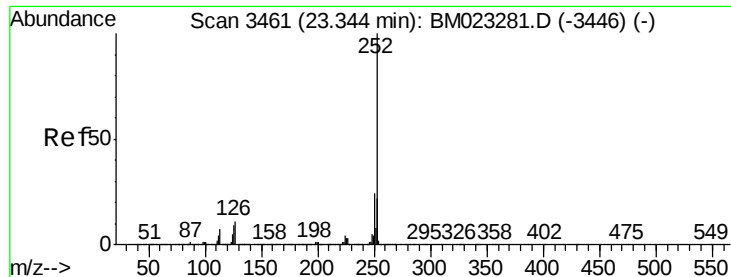
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.032 ng/ul m
RT: 22.81 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BM023284.D
Acq: 19 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.0
125	11.3	6.5	9.7#





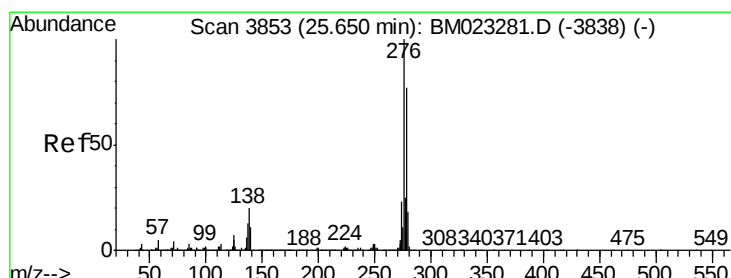
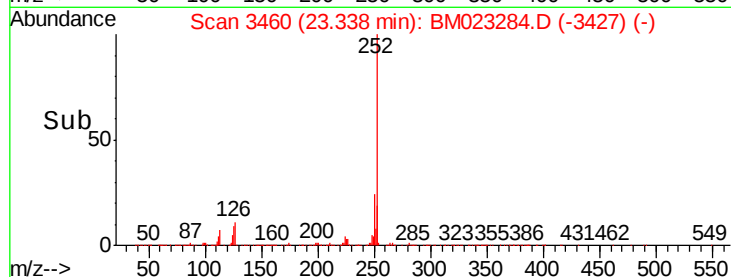
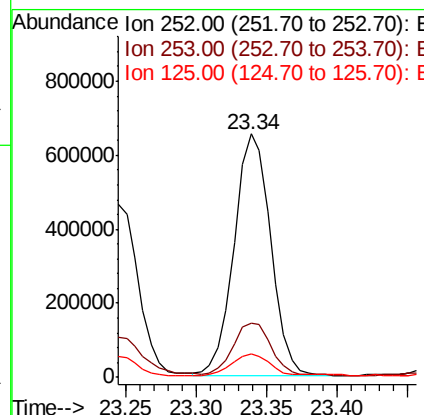
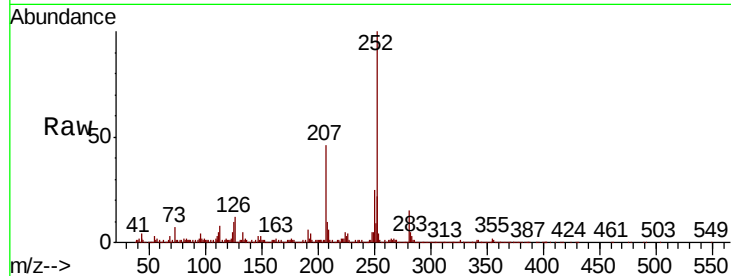
#91
Benzo(a)pyrene
Concen: 8.303 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM023284.D
Acq: 19 Oct 2019 12:43

Instrument :
BNA_M
ClientSampleId :
BEPB5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.6	7.4	11.0

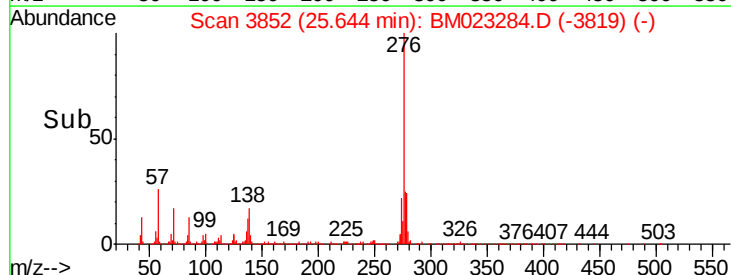
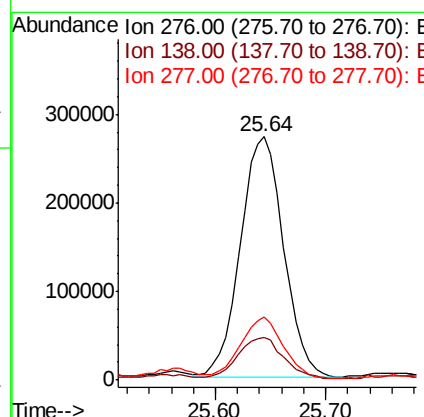
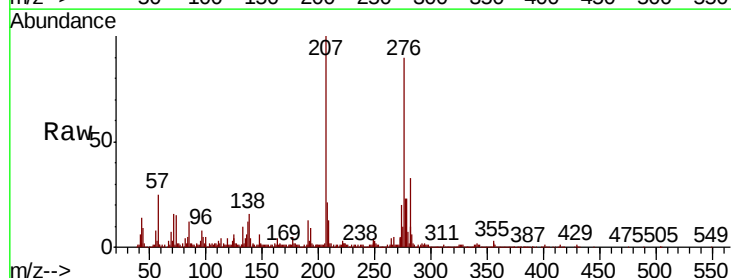
Manual Integrations
APPROVED

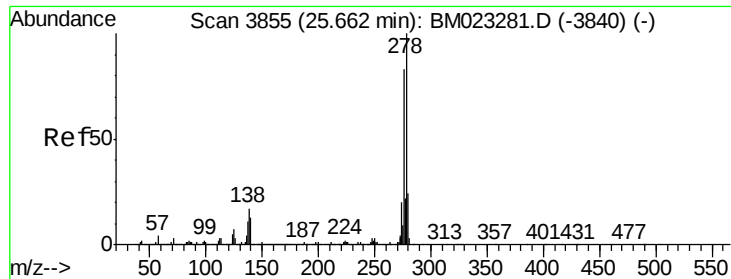
mohammad
10/22/2019 1:45:07 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 4.437 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BM023284.D
Acq: 19 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	14.9	22.3
277	25.8	19.8	29.8





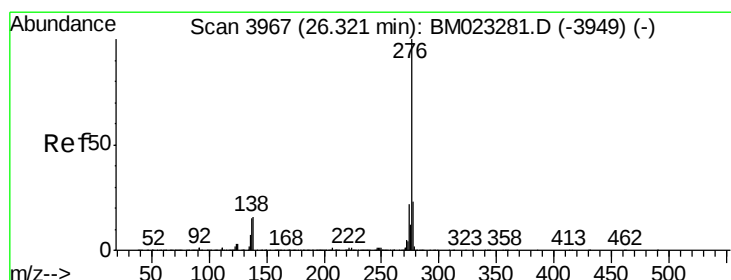
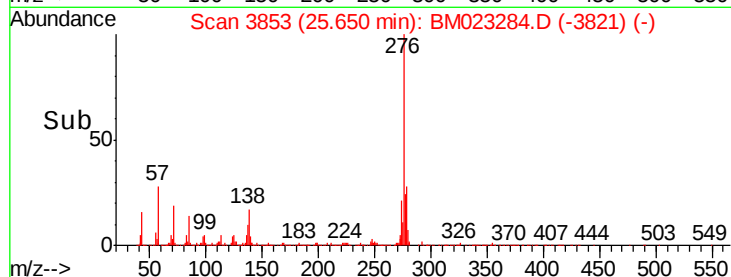
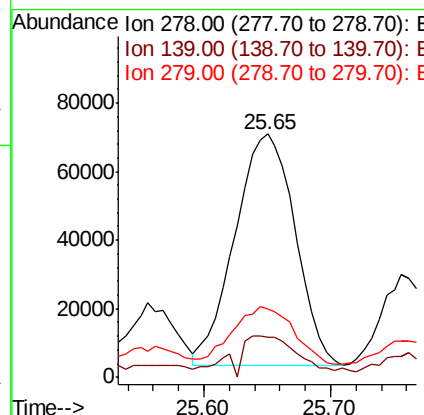
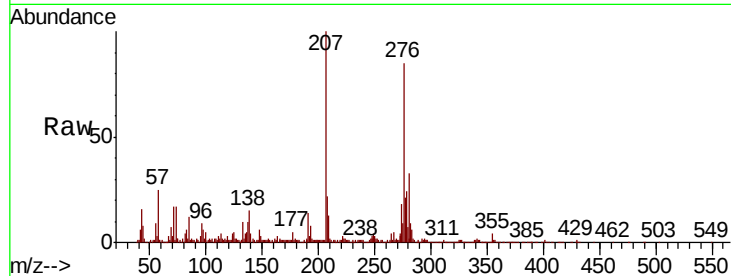
#93
Dibenzo(a,h)anthracene
Concen: 1.585 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BM023284.D
Acq: 19 Oct 2019 12:43

Instrument :
BNA_M
ClientSampleId :
BEPB5DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	10.0	15.0#
279	27.8	19.4	29.0

Manual Integrations
APPROVED

mohammad
10/22/2019 1:45:07 AM



#94
Benzo(g,h,i)perylene
Concen: 5.527 ng/ul
RT: 26.31 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM023284.D
Acq: 19 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	14.4	21.6
277	24.7	19.4	29.2

