

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025748.D
 Acq On : 25 Mar 2020 03:20
 Operator : CG/JU
 Sample : L1938-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB721

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:14:49 AM

Quant Time: Mar 25 05:58:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 24 23:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	199649	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	808950	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	503629	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1092326	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1247819	20.00	ng/ul	-0.01
86) Perylene-d12	23.29	264	1449391	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	30163	6.34	ng/uL	0.00
5) Phenol-d5	6.75	99	522760	33.18	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	318074	35.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	452388	35.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	391949	30.27	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	228795	38.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	240131	37.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	448412	34.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	585454	38.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1458131	38.10	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1766852	38.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	243590	33.43	ng/ul	0.00
58) Fluorene-d10	15.20	176	1293219	38.49	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	197614	29.65	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1964684	38.51	ng/ul	0.00
79) Pyrene-d10	19.35	212	2265473	37.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2994735	40.36	ng/ul	-0.01

Target Compounds				Ovalue		
70) Phenanthrene	16.99	178	387907	6.033	ng/ul	99
72) Anthracene	17.09	178	82297	1.256	ng/ul	99
77) Fluoranthene	19.02	202	618665	8.163	ng/ul	98
80) Pyrene	19.38	202	538997	6.432	ng/ul	99
83) Benzo(a)anthracene	21.13	228	311788	3.790	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.09	149	57131	1.154	ng/ul	98
85) Chrysene	21.18	228	303986	3.766	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	438802	4.852	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	142700m	1.602	ng/ul	
91) Benzo(a)pyrene	23.20	252	291719	3.545	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.41	276	206531	1.900	ng/ul	96
94) Benzo(g,h,i)perylene	26.06	276	157236	1.755	ng/ul	99

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

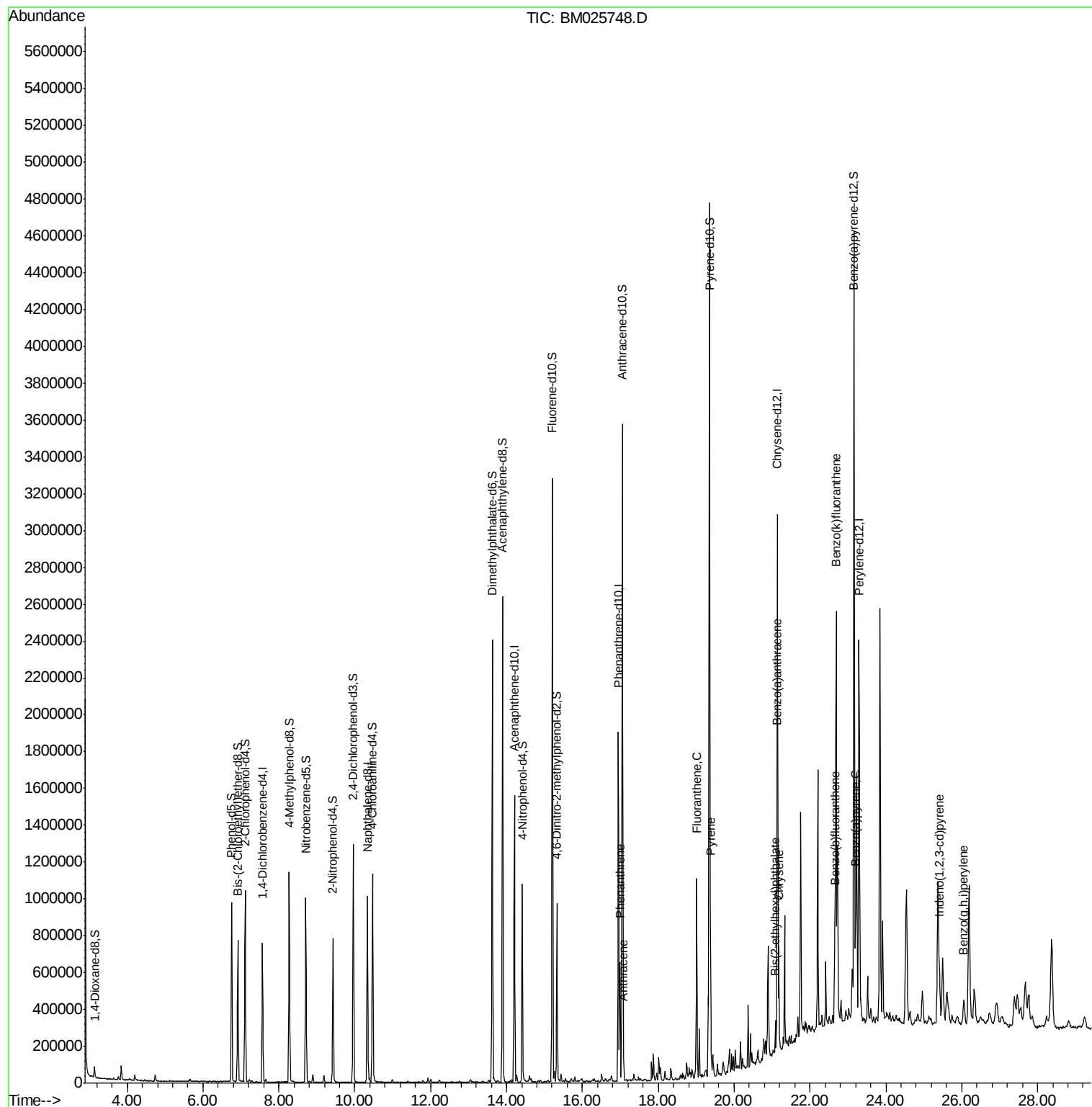
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025748.D
Acq On : 25 Mar 2020 03:20
Operator : CG/JU
Sample : L1938-01
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ALS Vial : 29 Sample Multiplier: 1

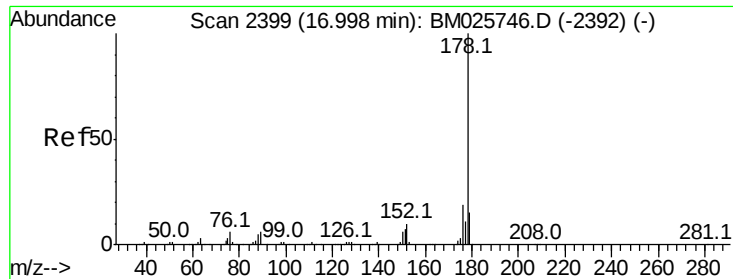
Instrument :
BNA_M
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Quant Time: Mar 25 05:58:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
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Response via : Initial Calibration





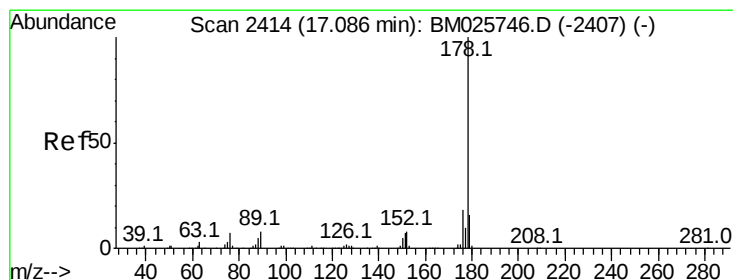
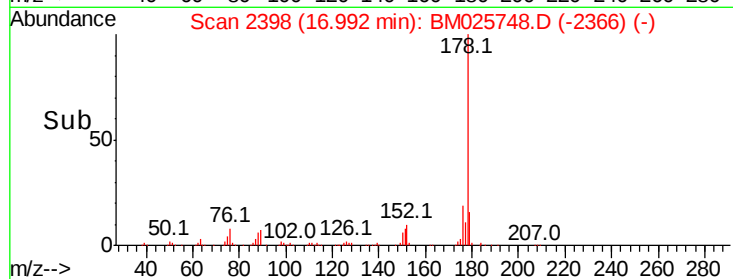
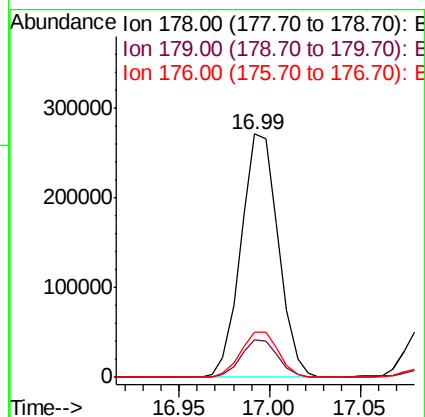
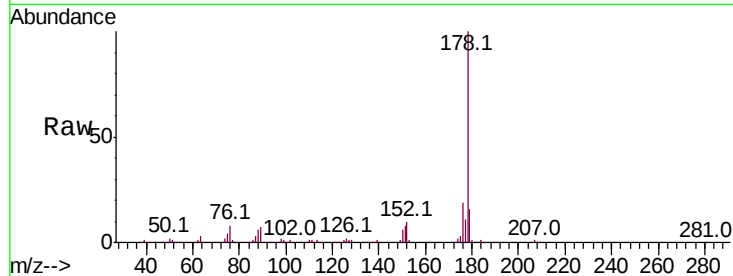
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Phenanthrene
Concen: 6.033 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM025748.D
Acq: 25 Mar 2020 03:20

Instrument :
BNA_M
ClientSampleId :
CB721

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	18.8	15.3	22.9

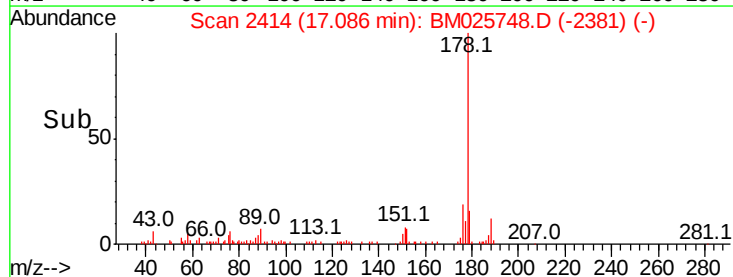
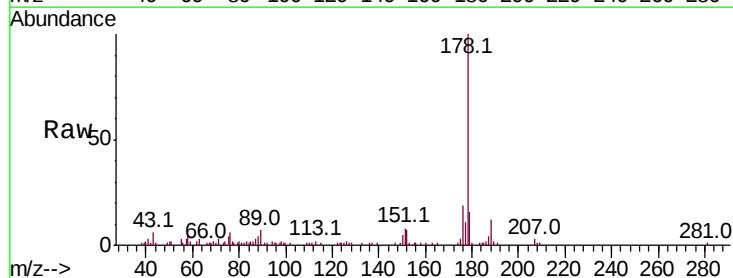
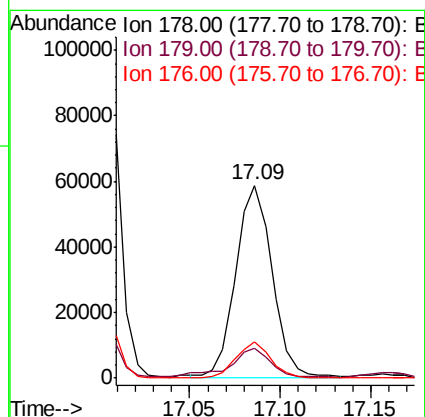
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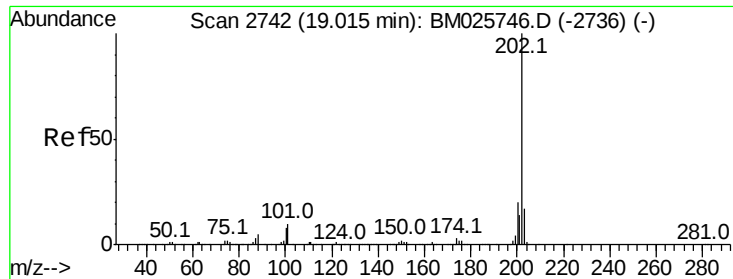
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#72
Anthracene
Concen: 1.256 ng/ul
RT: 17.09 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM025748.D
Acq: 25 Mar 2020 03:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	18.8	14.5	21.7





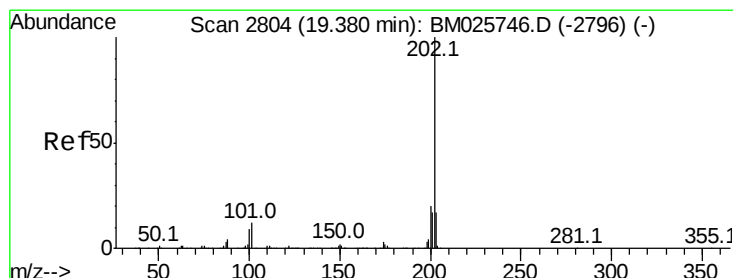
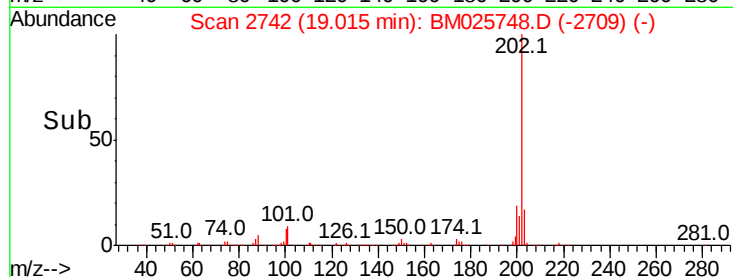
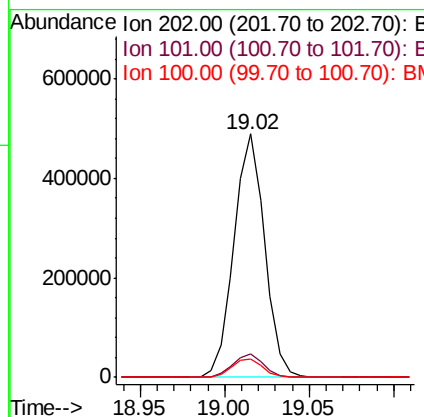
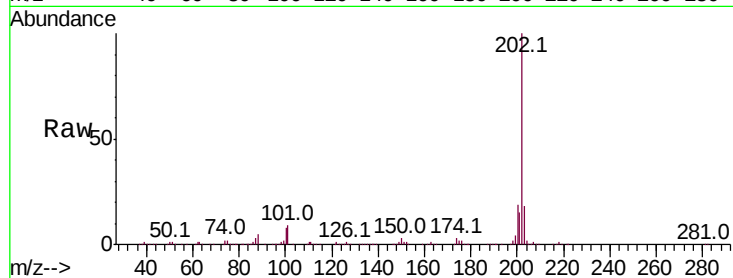
#77
Fluoranthene
 Concen: 8.163 ng/ul
 RT: 19.02 min Scan# 2742
 Delta R.T. -0.01 min
 Lab File: BM025748.D
 Acq: 25 Mar 2020 03:20

Instrument :
 BNA_M
 ClientSampleId :
 CB721

Tot Ion	Ratio	Resp	Lower	Upper
202	100	618665		
101	9.4	8.2	12.4	
100	7.6	6.5	9.7	

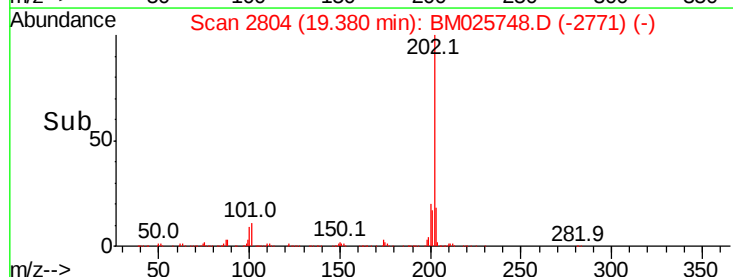
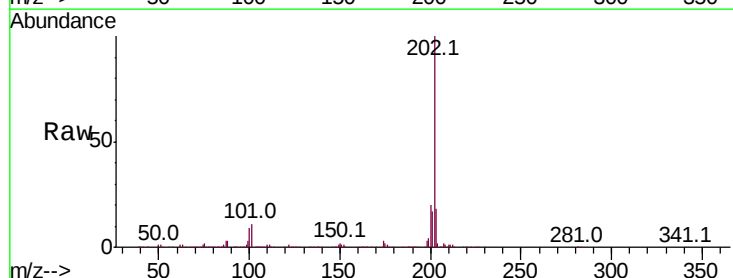
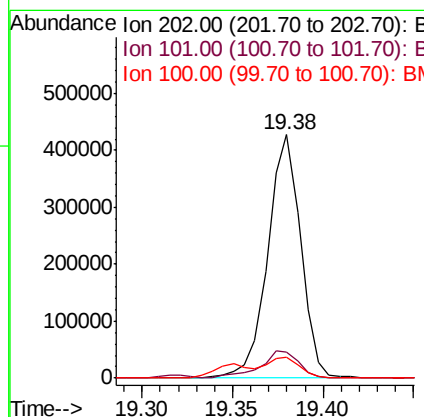
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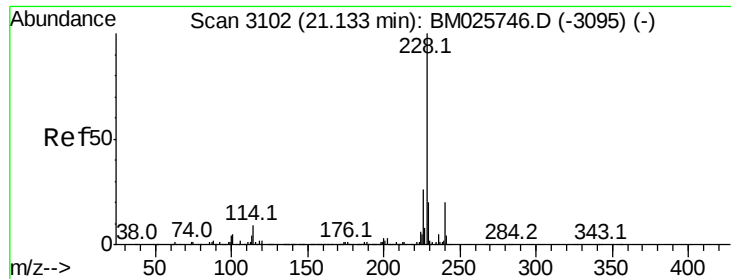
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#80
Pyrene
 Concen: 6.432 ng/ul
 RT: 19.38 min Scan# 2804
 Delta R.T. -0.01 min
 Lab File: BM025748.D
 Acq: 25 Mar 2020 03:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	538997		
101	10.6	8.9	13.3	
100	8.8	7.5	11.3	





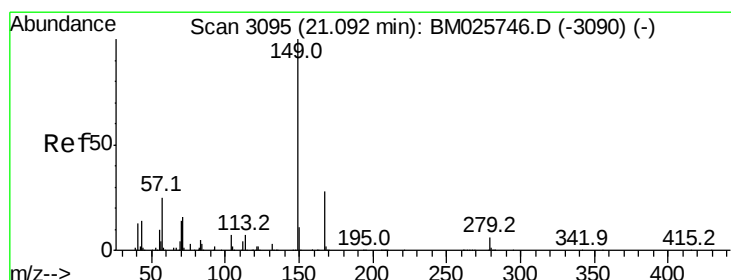
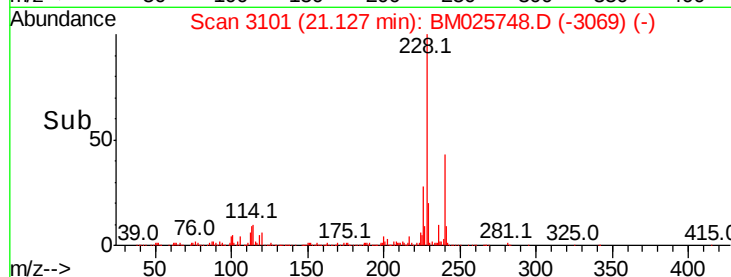
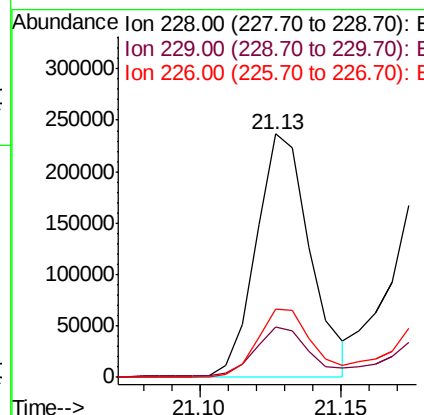
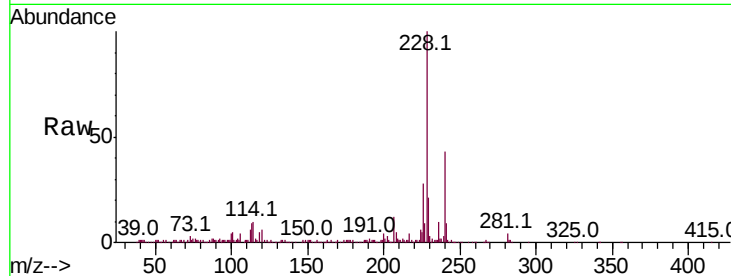
#83
Benzo(a)anthracene
Concen: 3.790 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM025748.D
Acq: 25 Mar 2020 03:20

Instrument :
BNA_M
ClientSampleId :
CB721

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	28.2	21.0	31.6

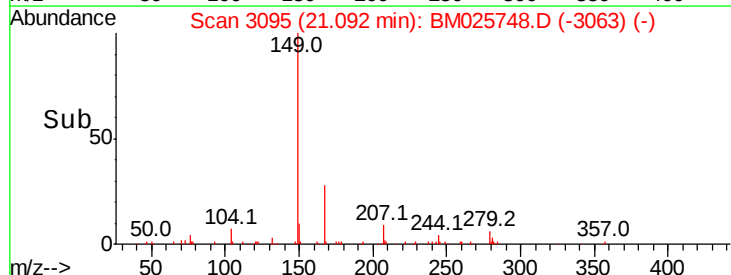
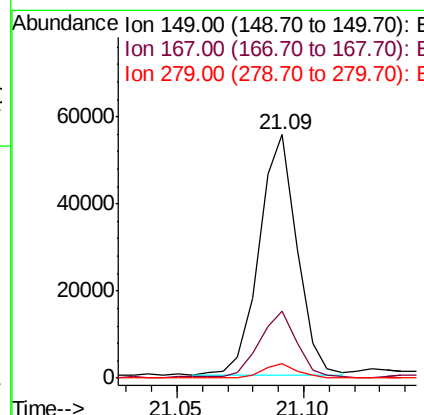
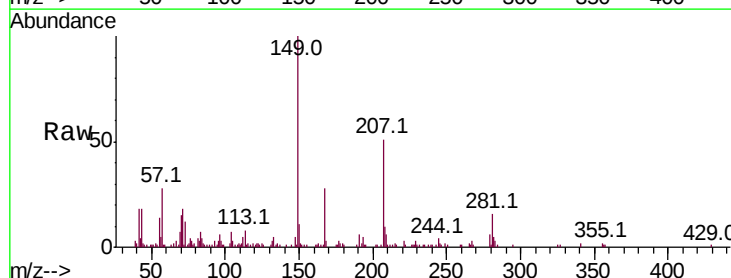
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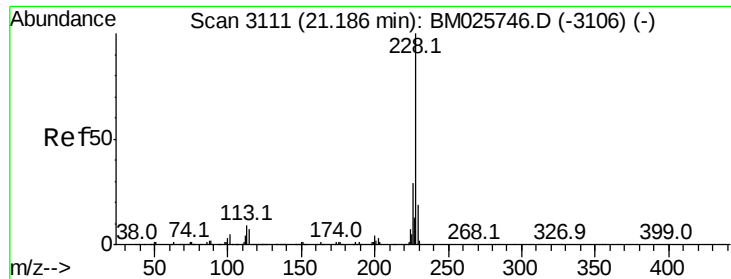
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.154 ng/ul
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM025748.D
Acq: 25 Mar 2020 03:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.7	34.1
279	6.1	4.1	6.1





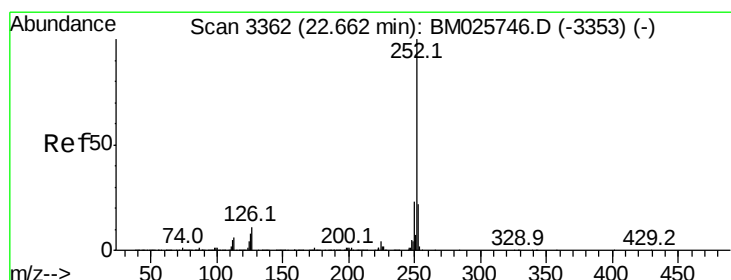
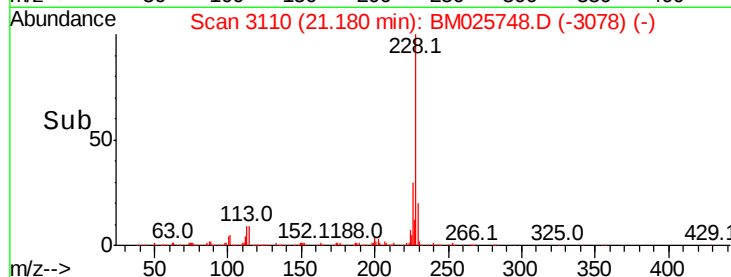
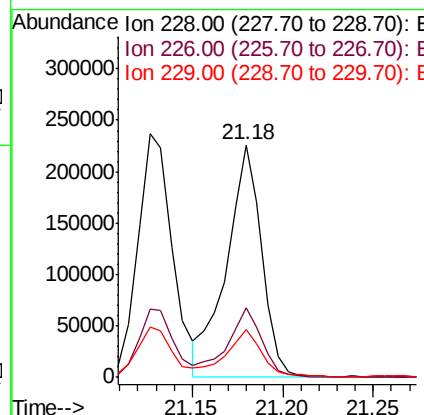
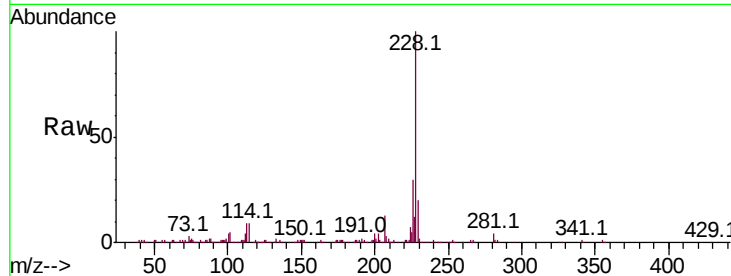
#85
Chrysene
Concen: 3.766 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM025748.D
Acq: 25 Mar 2020 03:20

Instrument :
BNA_M
ClientSampleId :
CB721

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	20.3	15.6	23.4

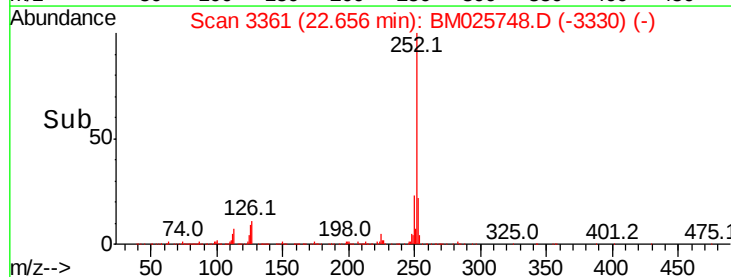
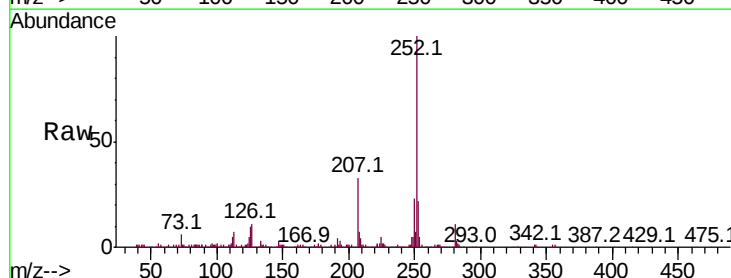
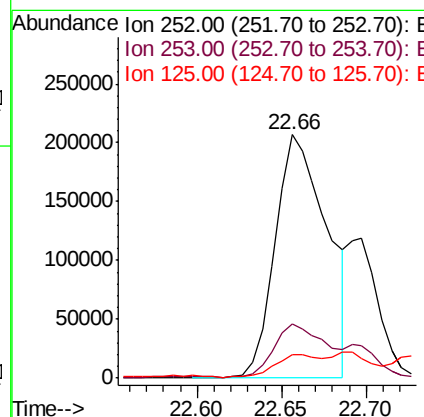
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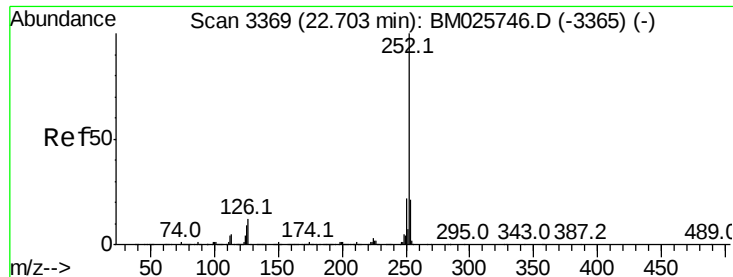
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#88
Benzo(b)fluoranthene
Concen: 4.852 ng/ul
RT: 22.66 min Scan# 3361
Delta R.T. -0.02 min
Lab File: BM025748.D
Acq: 25 Mar 2020 03:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.9	6.7	10.1





#89

Benzo(k)fluoranthene

Concen: 1.602 ng/ul m

RT: 22.70 min Scan# 3368

Delta R.T. -0.02 min

Lab File: BM025748.D

Acq: 25 Mar 2020 03:20

Instrument :

BNA_M

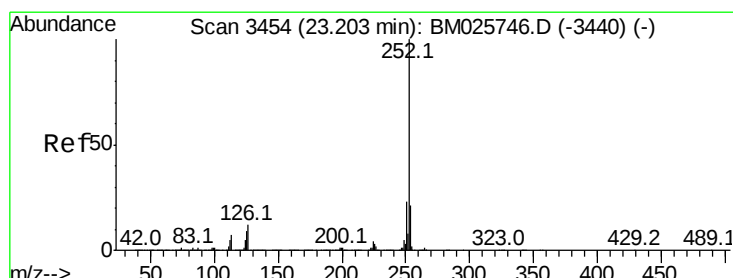
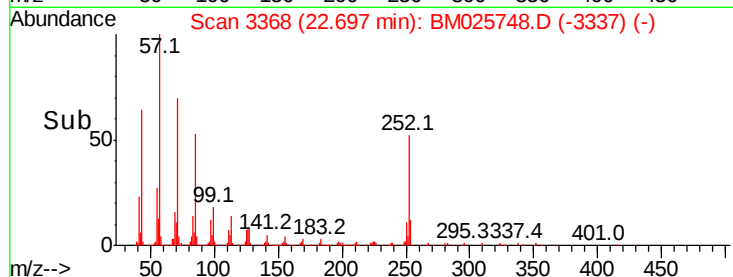
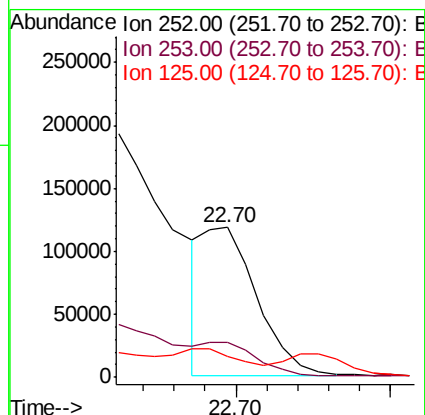
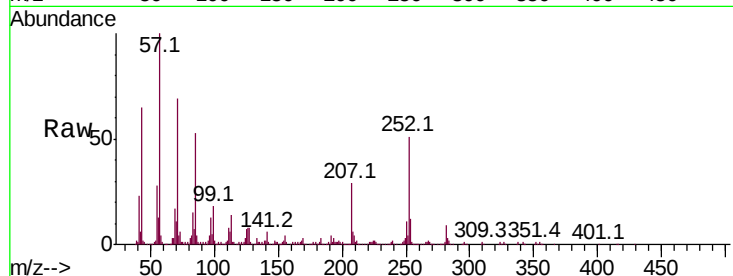
ClientSampleId :

CB721

Tot Ion:	252	Resp:	142700
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.7	26.5
125	14.1	6.9	10.3#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 3.545 ng/ul

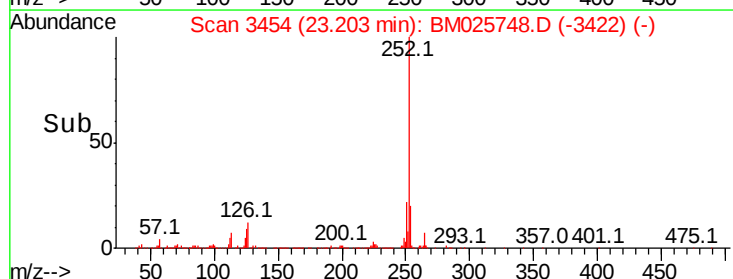
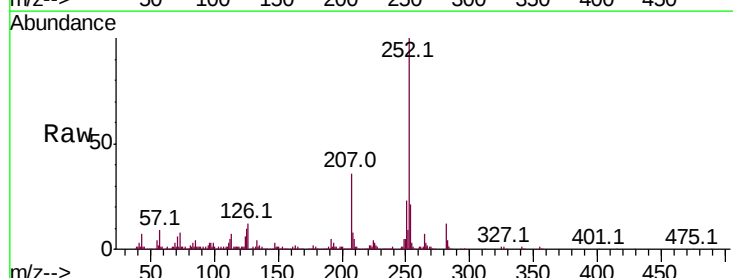
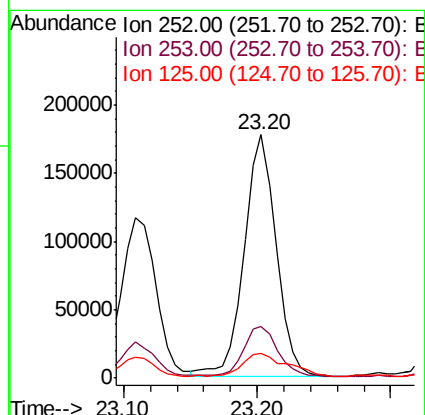
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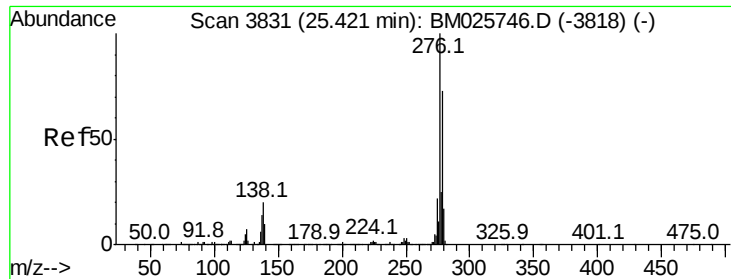
Delta R.T. -0.01 min

Lab File: BM025748.D

Acq: 25 Mar 2020 03:20

Tgt Ion:	252	Resp:	291719
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.0	25.6
125	10.3	7.1	10.7





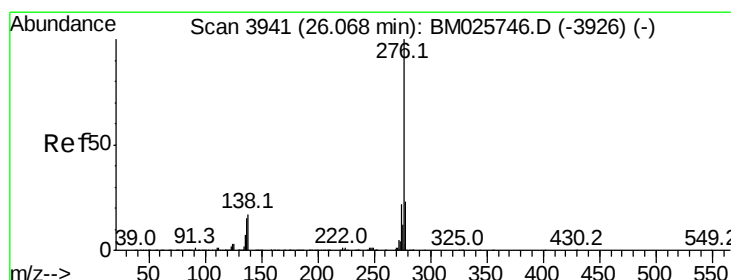
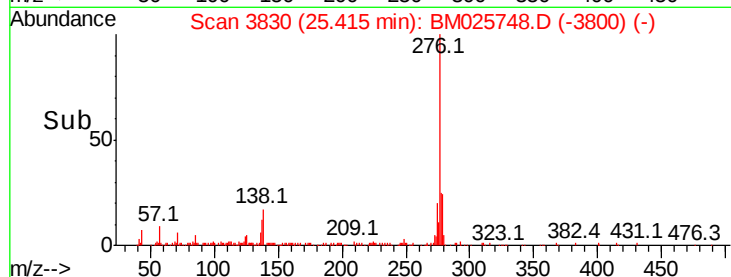
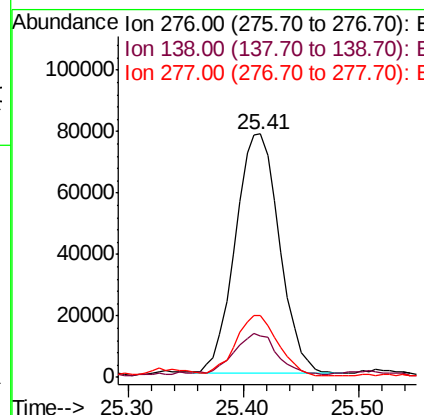
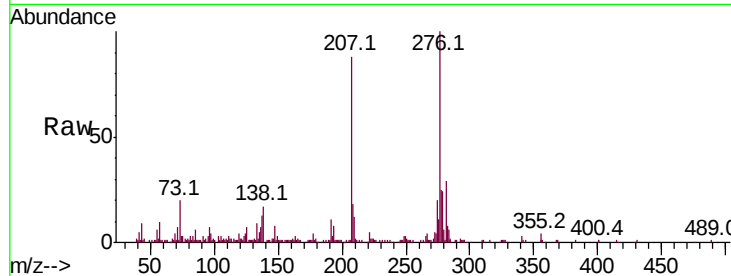
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 Indeno(1,2,3-cd)pyrene
 Concen: 1.900 ng/ul
 RT: 25.41 min Scan# 3830
 Delta R.T. -0.02 min
 Lab File: BM025748.D
 Acq: 25 Mar 2020 03:20

Instrument :
 BNA_M
 ClientSampled :
 CB721

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	16.5	24.7
277	25.4	19.7	29.5

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 1.755 ng/ul
 RT: 26.06 min Scan# 3939
 Delta R.T. -0.03 min
 Lab File: BM025748.D
 Acq: 25 Mar 2020 03:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	13.2	19.8
277	23.7	19.0	28.4

