

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
 Data File : BM020805.D
 Acq On : 07 Jun 2019 15:50
 Operator : HP/JU
 Sample : K3201-11DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2DL

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:41:47 AM

Quant Time: Jun 08 01:38:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 08 00:20:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	315659	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1288173	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	721570	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1531123	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1342547	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	1546719	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	16649	2.51	ng/uL	0.00
5) Phenol-d5	6.97	99	326184	13.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	210132	14.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	288929	15.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	253151	13.03	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	140626	15.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	153104	16.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	285659	15.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	303817	13.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	866956	16.24	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1056388	15.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	101401	11.07	ng/ul	0.00
57) Fluorene-d10	15.44	176	714309	15.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	42745	5.46	ng/ul	0.00
70) Anthracene-d10	17.29	188	1050004	15.70	ng/ul	0.00
78) Pyrene-d10	19.59	212	1047170	16.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	1066948	15.18	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.66	128	119662	1.978 ng/ul	100
34) 2-Methylnaphthalene	12.27	142	72691	1.636 ng/ul	99
44) Dimethylphthalate	13.91	163	339549	6.353 ng/ul	99
49) Acenaphthene	14.52	153	201808	4.415 ng/ul	96
53) Dibenzofuran	14.85	168	237416	3.672 ng/ul	98
58) Fluorene	15.50	166	236151	4.550 ng/ul	97
69) Phenanthrene	17.24	178	2980381	38.677 ng/ul	100
71) Anthracene	17.33	178	799104	10.117 ng/ul	100
74) Carbazole	17.60	167	335044	4.878 ng/ul	98
76) Fluoranthene	19.26	202	3469552	39.290 ng/ul	99
79) Pyrene	19.62	202	2863805	34.557 ng/ul	97
82) Benzo(a)anthracene	21.36	228	1761851	21.037 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.29	149	125021	2.195 ng/ul	100
84) Chrysene	21.41	228	1527904	19.661 ng/ul	97
87) Benzo(b)fluoranthene	22.98	252	1898903	21.104 ng/ul	98
88) Benzo(k)fluoranthene	23.01	252	632313m	7.352 ng/ul	
90) Benzo(a)pyrene	23.57	252	1276199	14.909 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.98	276	781761	7.732 ng/ul	96
92) Dibenzo(a,h)anthracene	25.99	278	256210	2.991 ng/ul#	91
93) Benzo(g,h,i)perylene	26.69	276	543657	6.628 ng/ul	99

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

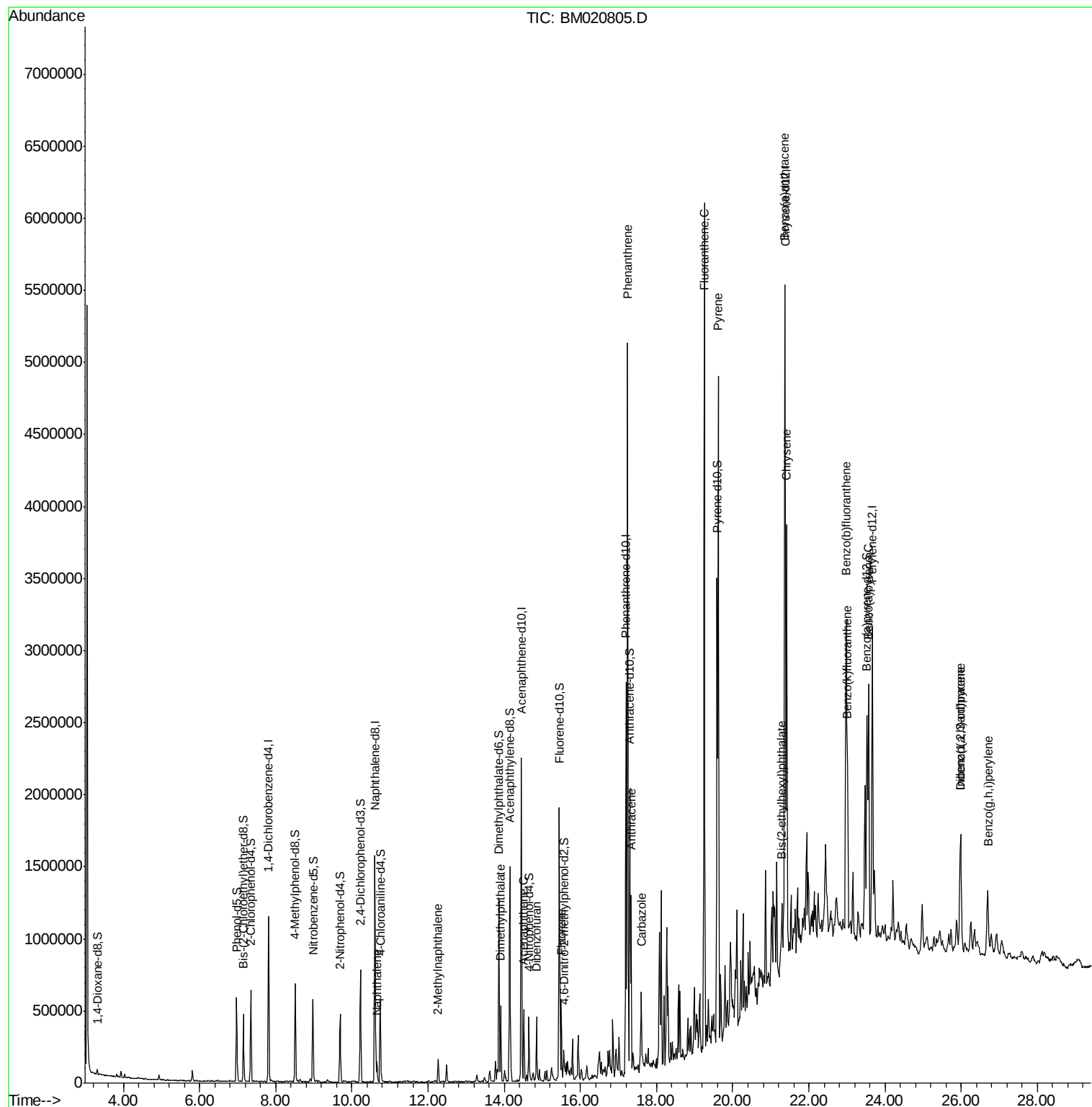
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020805.D
Acq On : 07 Jun 2019 15:50
Operator : HP/JU
Sample : K3201-11DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

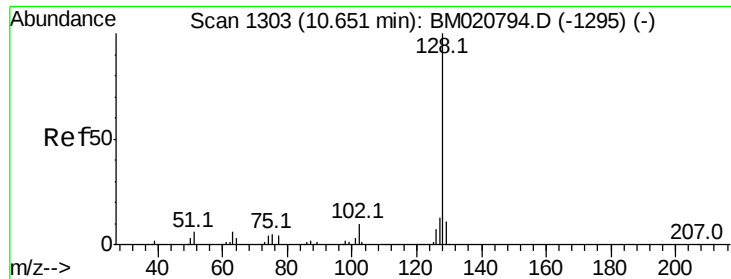
Instrument :
BNA_M
ClientSampleId :
C0AC2DL

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Quant Time: Jun 08 01:38:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration





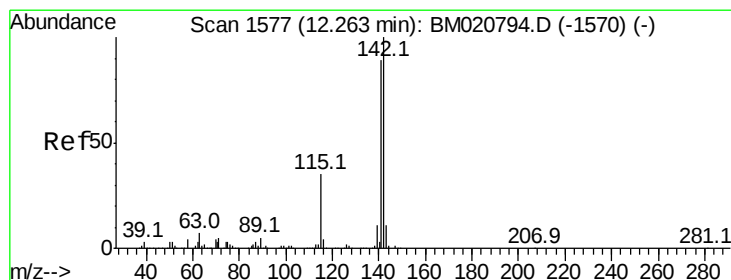
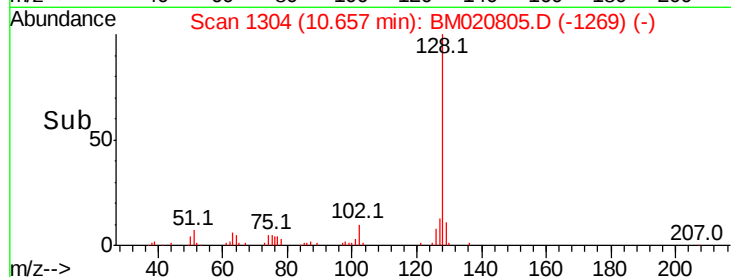
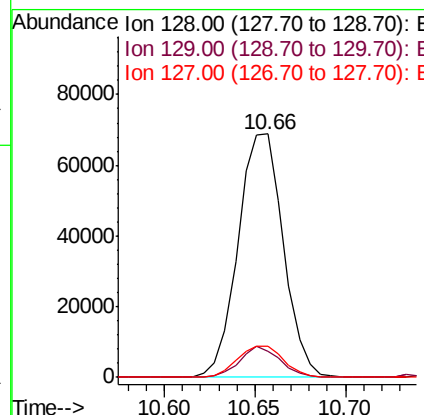
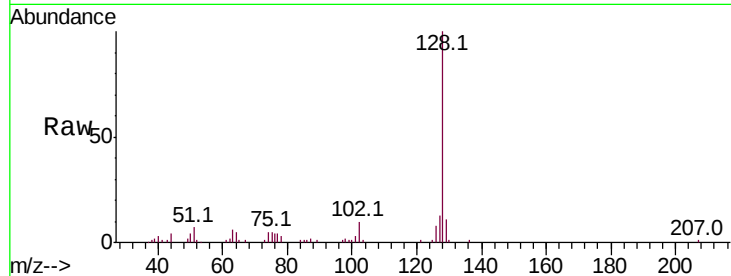
#28
Naphthalene
Concen: 1.978 ng/ul
RT: 10.66 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	12.7	10.2	15.2

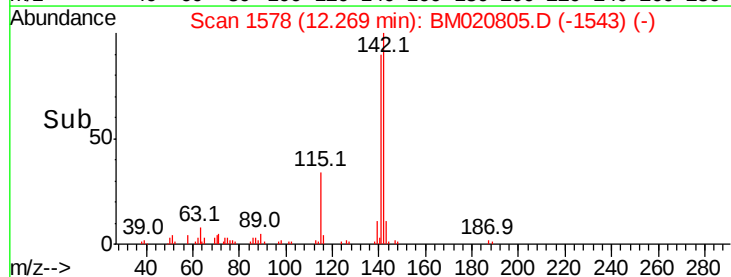
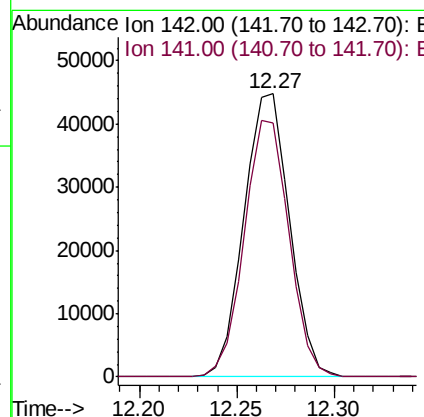
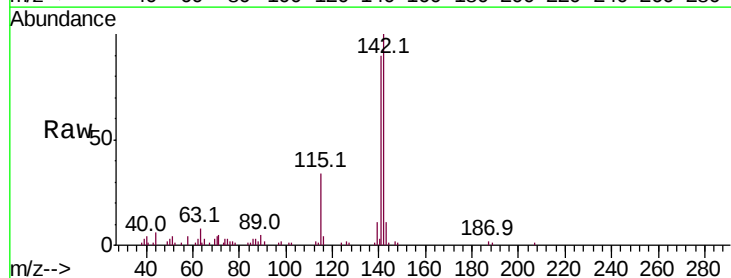
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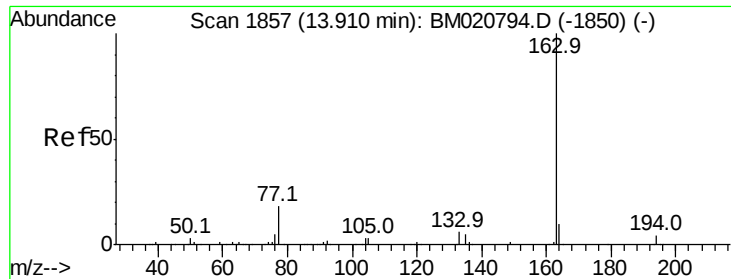
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#34
2-Methylnaphthalene
Concen: 1.636 ng/ul
RT: 12.27 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0





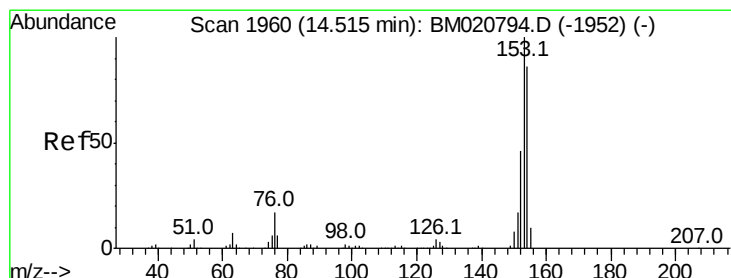
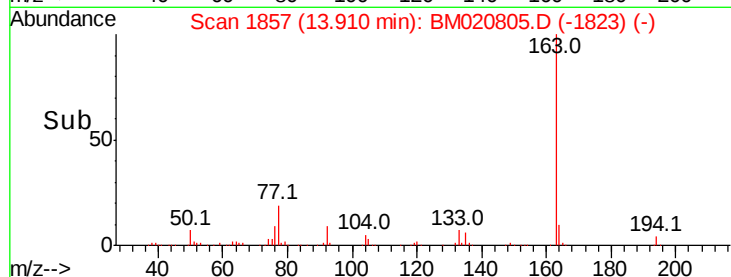
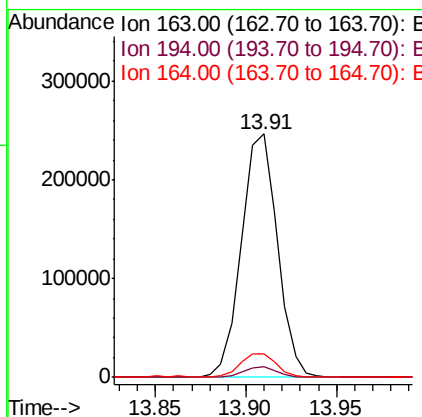
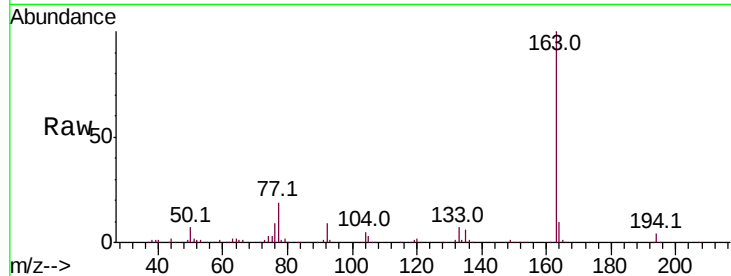
#44
Dimethylphthalate
Concen: 6.353 ng/ul
RT: 13.91 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	339549		
194	4.3	3.2	4.8	
164	9.7	8.0	12.0	

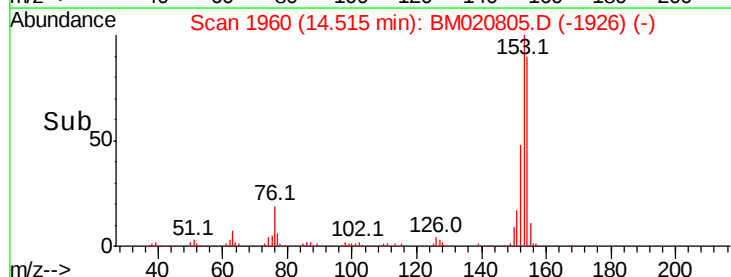
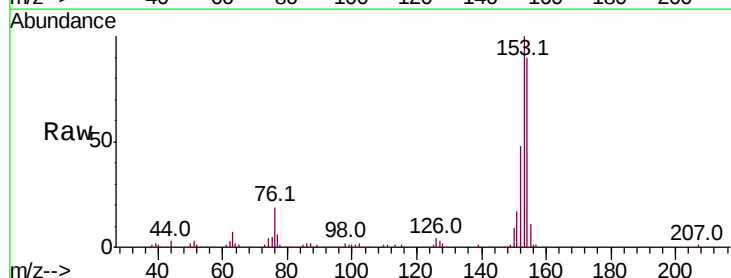
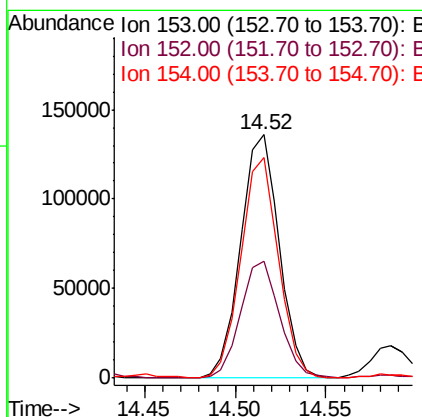
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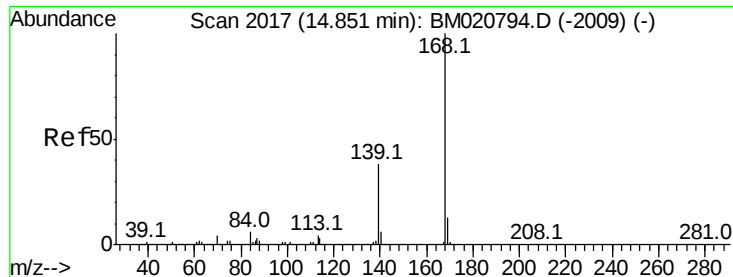
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#49
Acenaphthene
Concen: 4.415 ng/ul
RT: 14.52 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	201808		
152	48.2	37.3	55.9	
154	90.4	68.7	103.1	





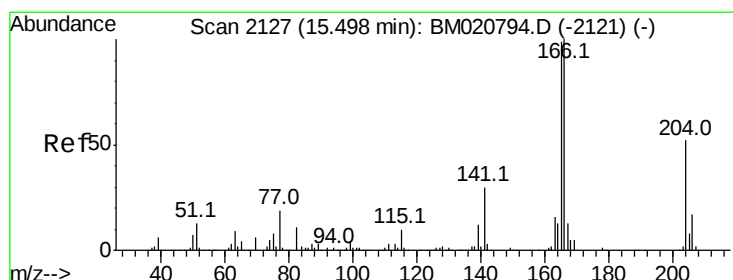
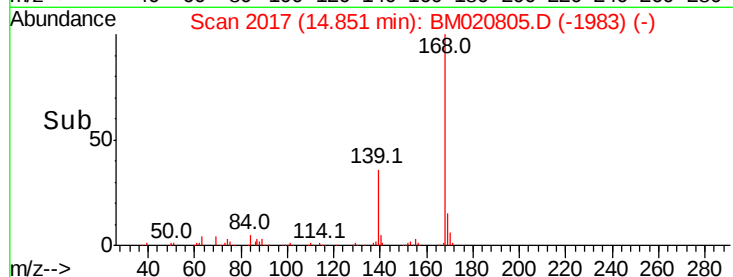
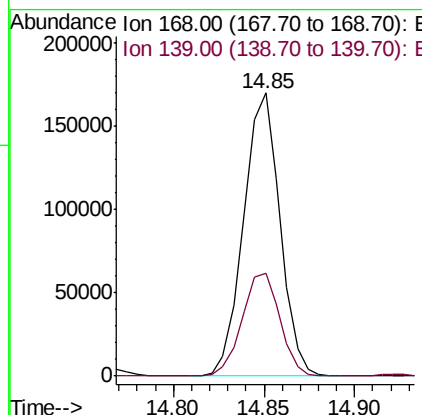
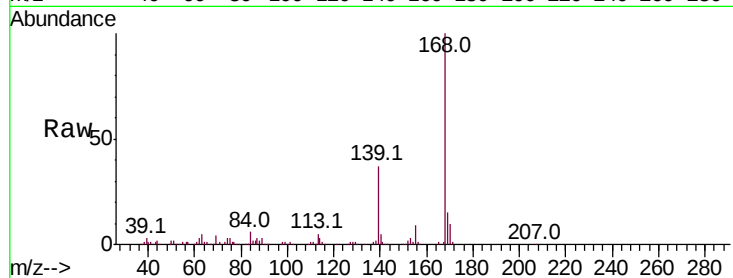
#53
Dibenzenofuran
Concen: 3.672 ng/ul
RT: 14.85 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.4	45.6

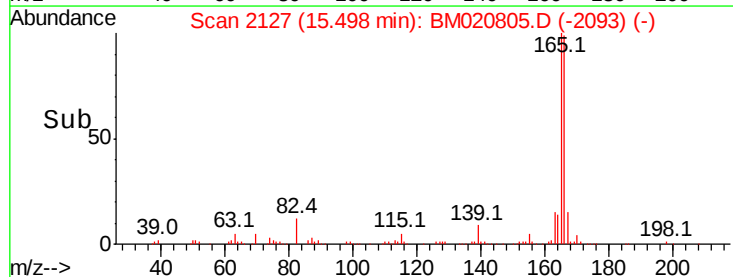
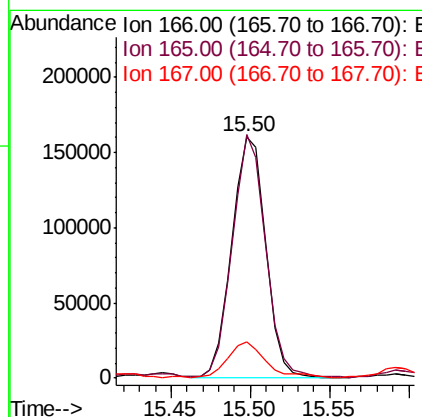
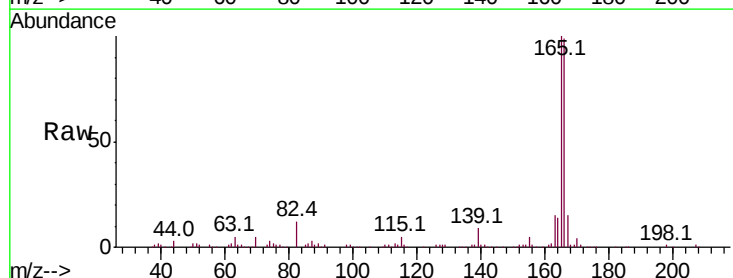
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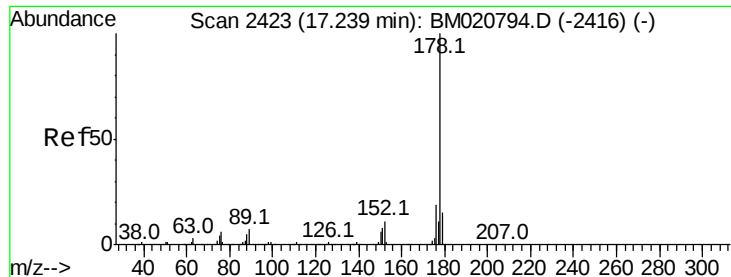
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#58
Fluorene
Concen: 4.550 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.6	117.8
167	15.0	10.8	16.2





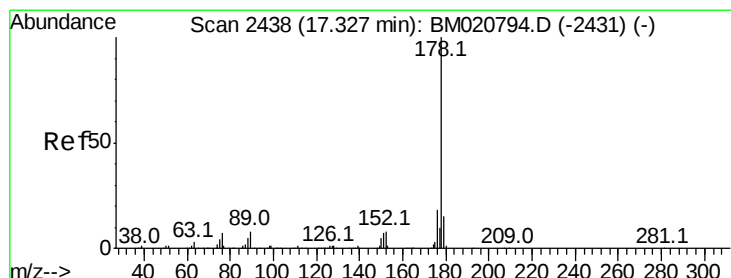
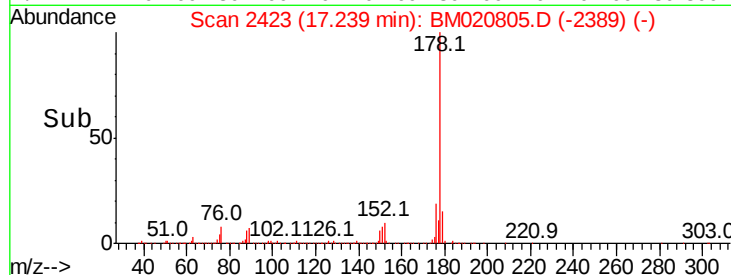
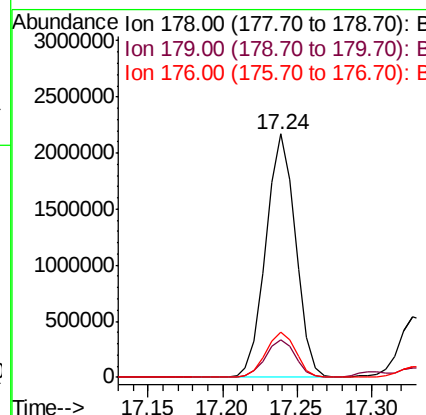
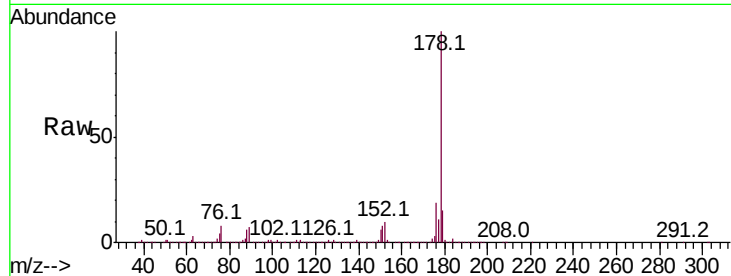
#69
Phenanthrene
Concen: 38.677 ng/ul
RT: 17.24 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Instrument :
BNA_M
ClientSampleID :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.8	14.8	22.2

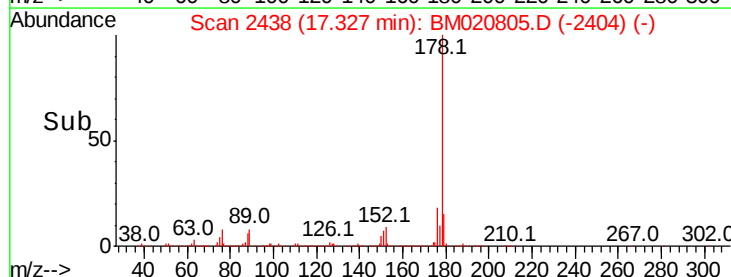
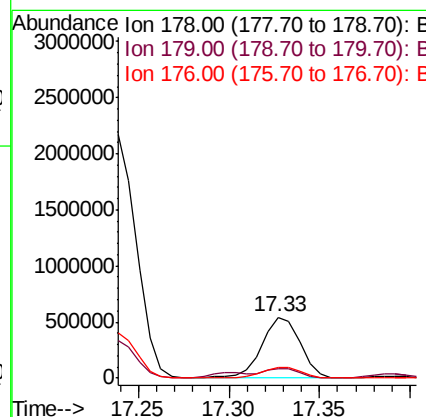
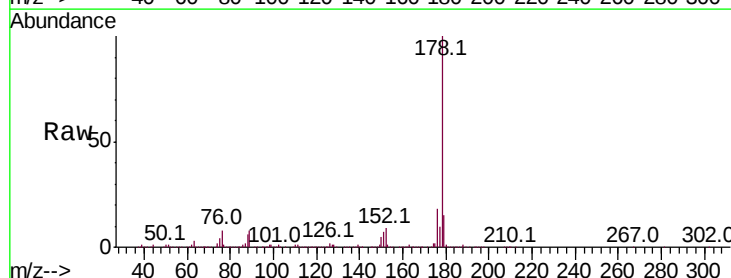
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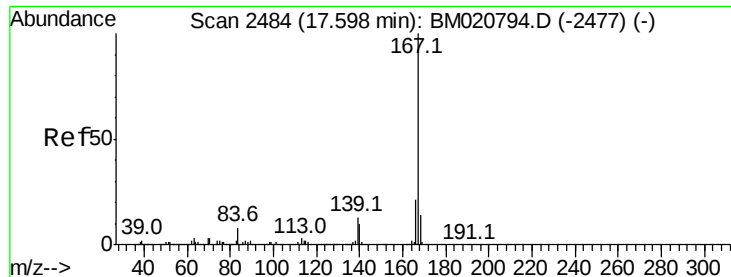
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#71
Anthracene
Concen: 10.117 ng/ul
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.4	14.9	22.3





#74

Carbazole

Concen: 4.878 ng/ul

RT: 17.60 min Scan# 2485

Delta R.T. 0.01 min

Lab File: BM020805.D

Acq: 07 Jun 2019 15:50

Instrument :

BNA_M

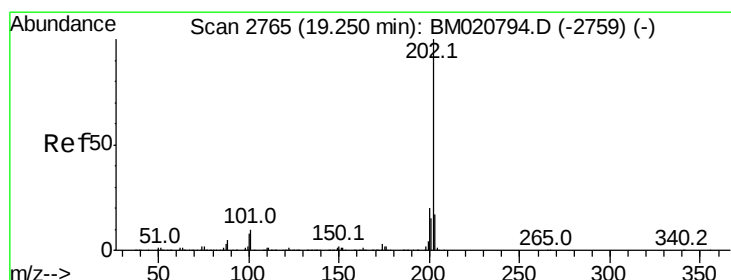
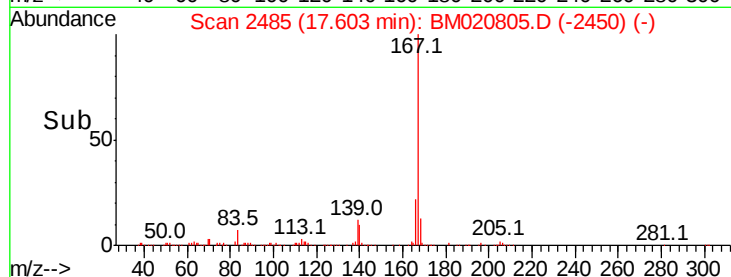
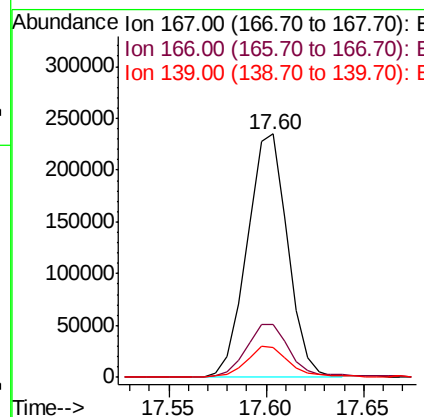
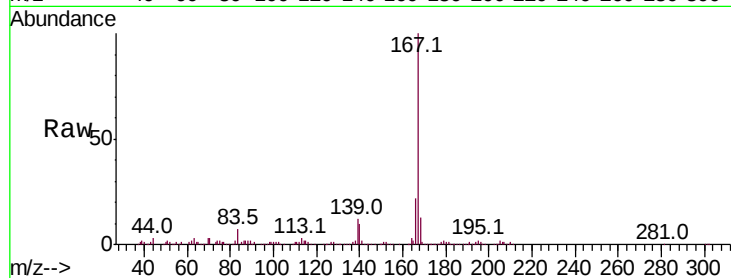
ClientSampleId :

C0AC2DL

Tot Ion:	167	Resp:	335044
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.0	25.6
139	12.1	10.5	15.7

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#76

Fluoranthene

Concen: 39.290 ng/ul

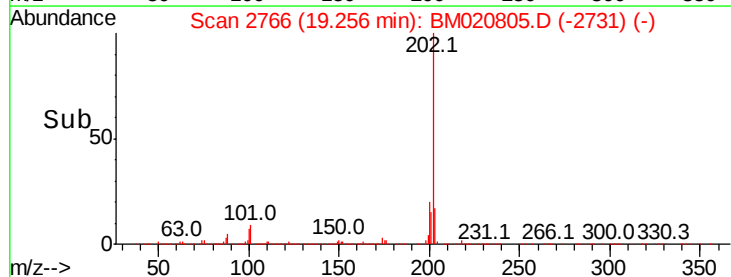
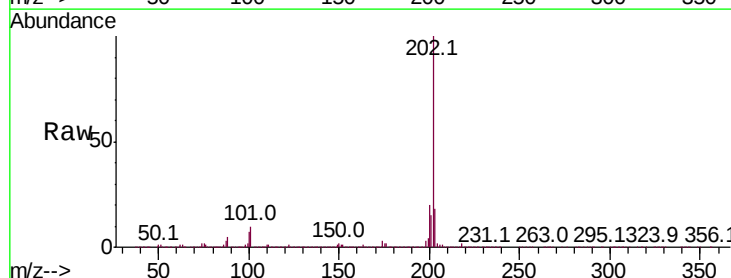
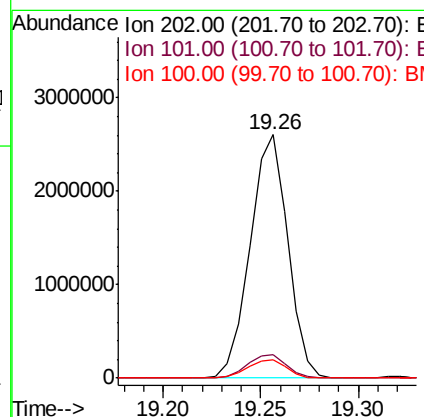
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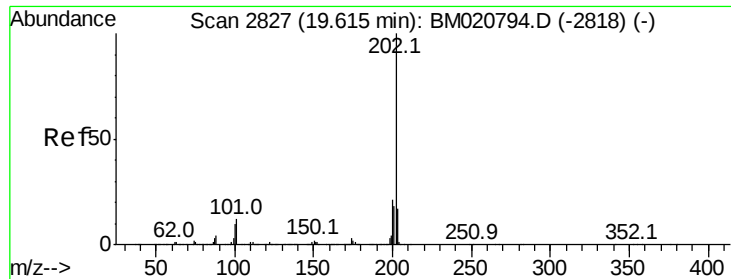
Delta R.T. 0.01 min

Lab File: BM020805.D

Acq: 07 Jun 2019 15:50

Tgt Ion:	202	Resp:	3469552
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.9	11.9
100	7.3	6.2	9.4





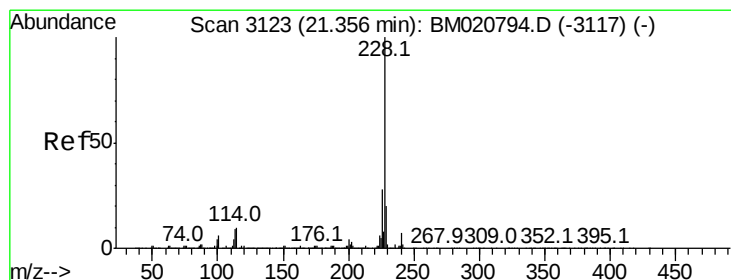
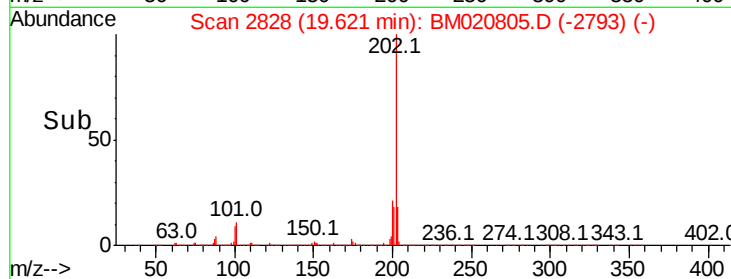
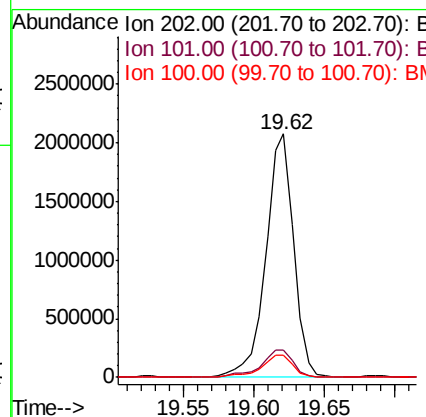
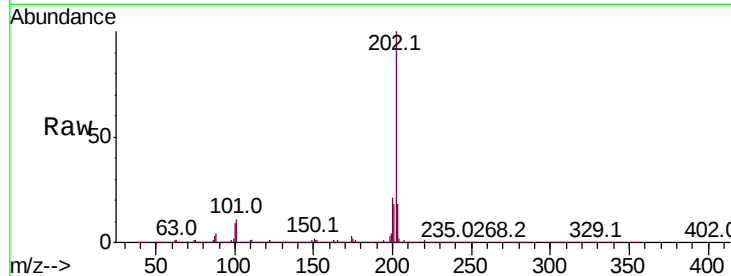
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Pvrene
Concen: 34.557 ng/ul
RT: 19.62 min Scan# 2828
Delta R.T. 0.01 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.6
100	9.0	8.0	12.0

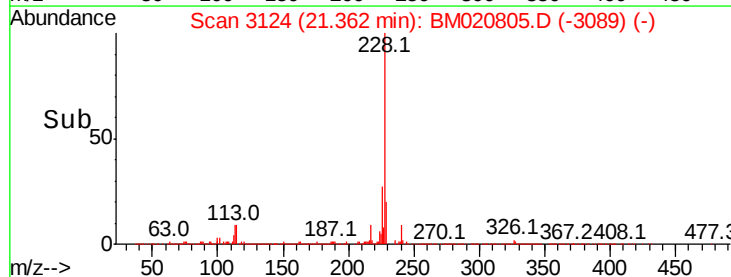
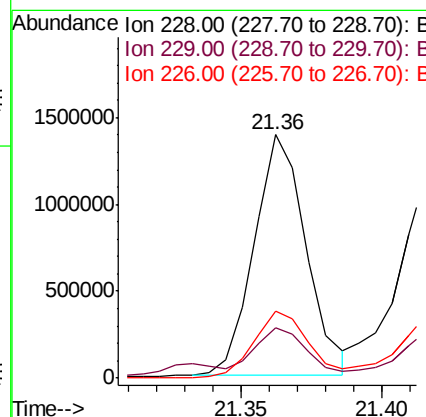
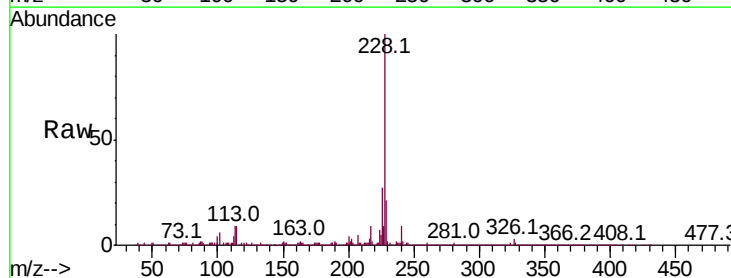
Manual Integrations
APPROVED

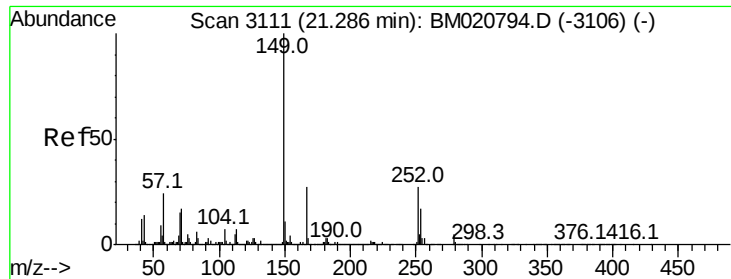
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#82
Benzo(a)anthracene
Concen: 21.037 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	27.5	21.4	32.2





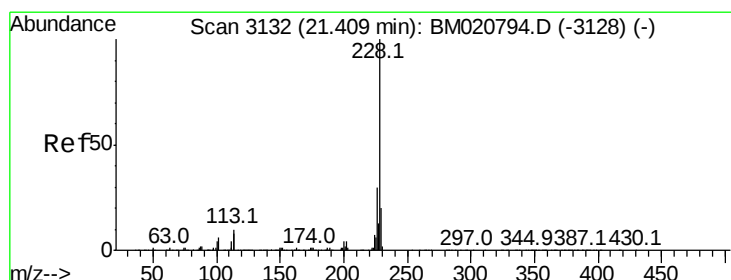
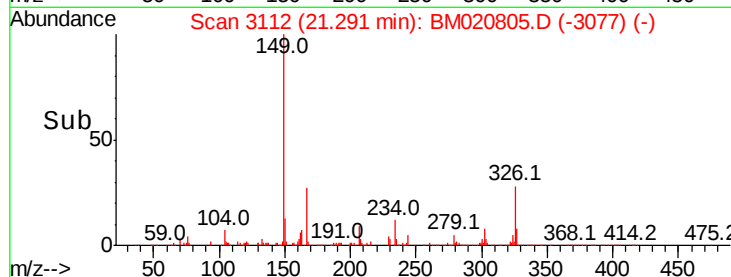
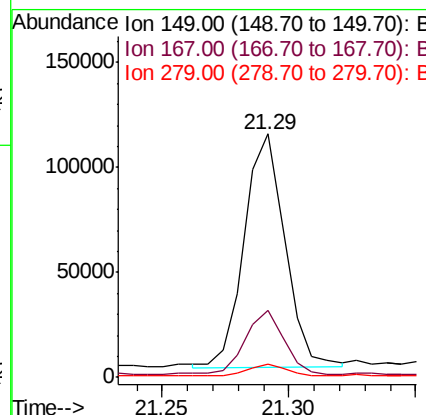
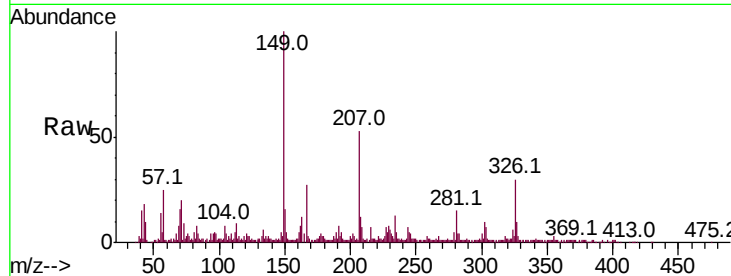
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.195 ng/ul
 RT: 21.29 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BM020805.D
 Acq: 07 Jun 2019 15:50

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.9	32.9
279	5.4	4.1	6.1

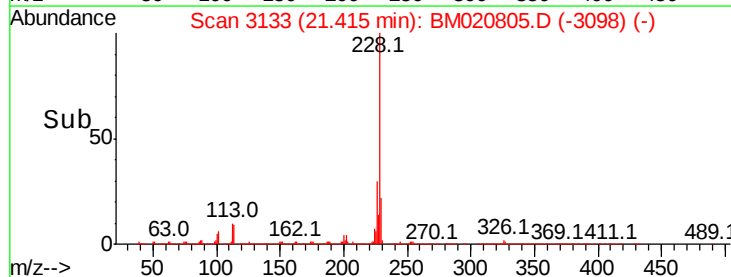
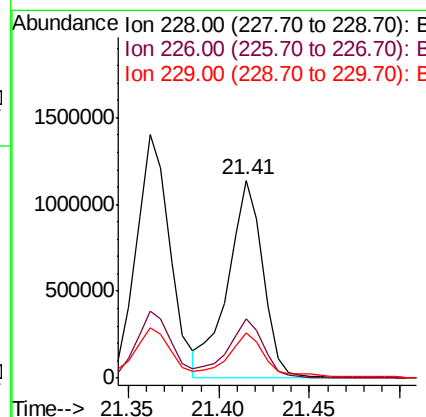
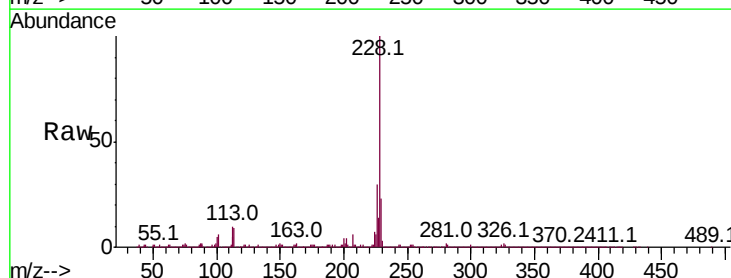
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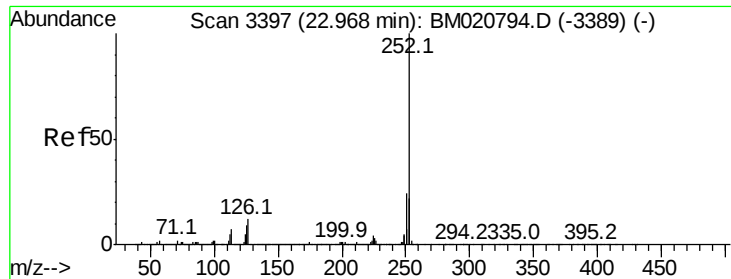
mohammad
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#84
 Chrysene
 Concen: 19.661 ng/ul
 RT: 21.41 min Scan# 3133
 Delta R.T. 0.01 min
 Lab File: BM020805.D
 Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	22.8	16.2	24.2





#87

Benzo(b)fluoranthene

Concen: 21.104 ng/ul

RT: 22.98 min Scan# 3399

Delta R.T. 0.01 min

Lab File: BM020805.D

Acq: 07 Jun 2019 15:50

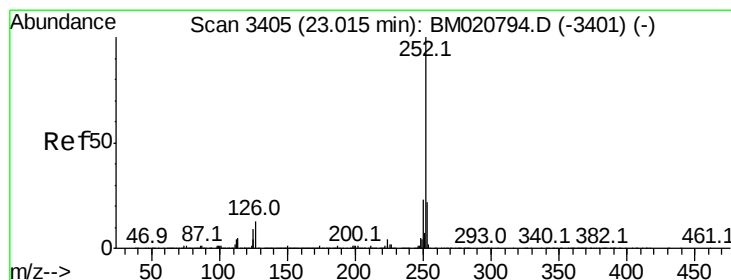
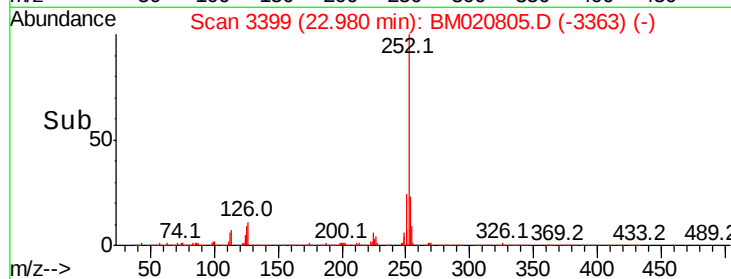
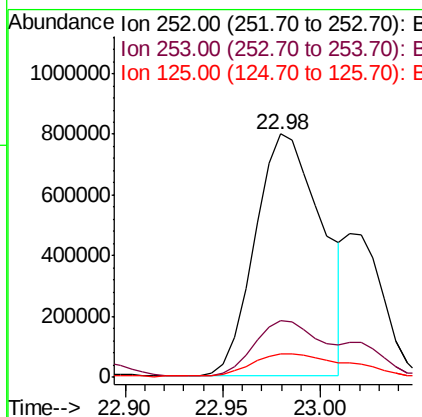
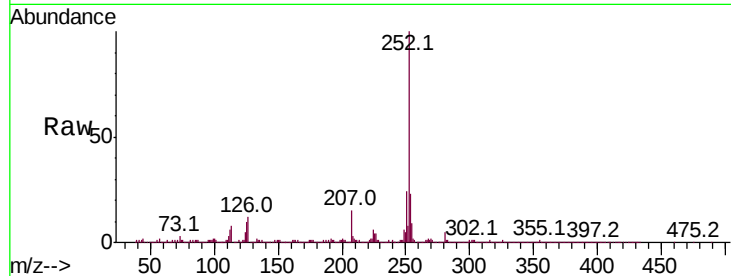
Instrument :
BNA_M

ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.8	7.3	10.9

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#88

Benzo(k)fluoranthene

Concen: 7.352 ng/ul m

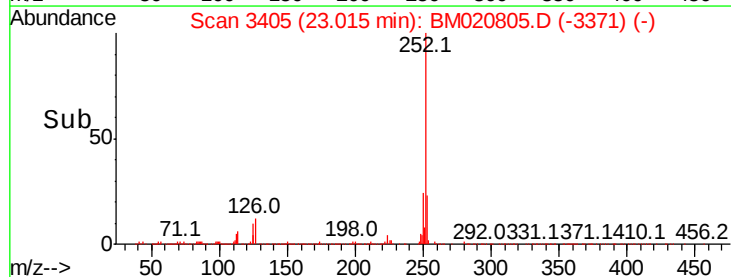
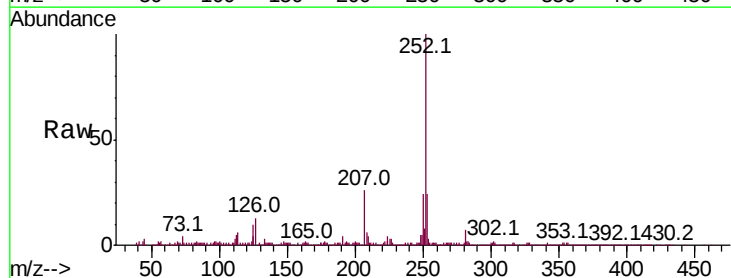
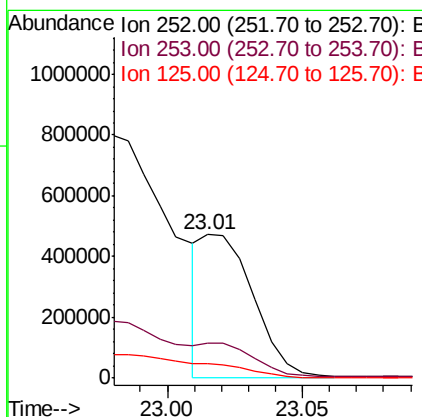
RT: 23.01 min Scan# 3405

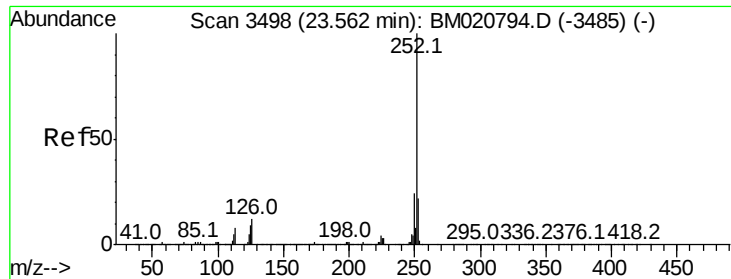
Delta R.T. -0.00 min

Lab File: BM020805.D

Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	10.2	7.3	10.9





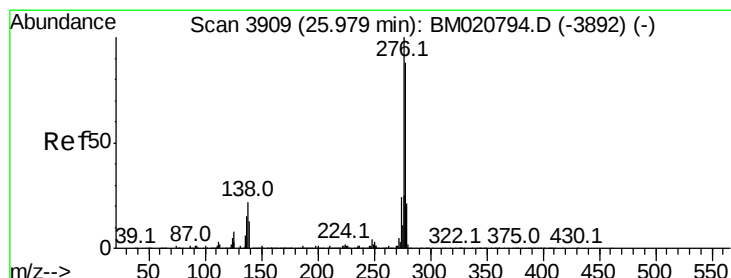
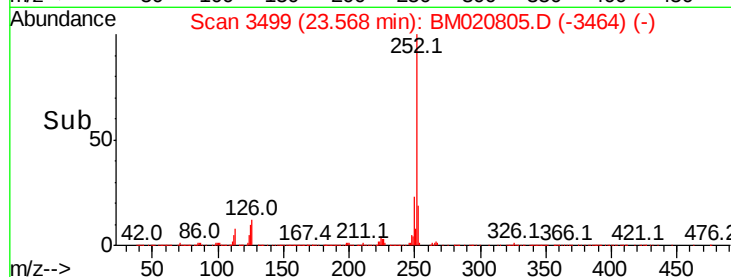
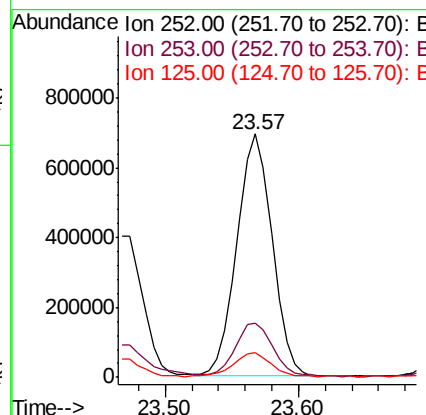
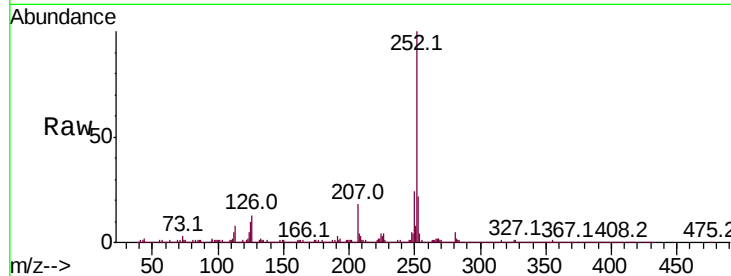
#90
Benzo(a)pyrene
Concen: 14.909 ng/u1
RT: 23.57 min Scan# 3499
Delta R.T. 0.01 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.1	8.2	12.4

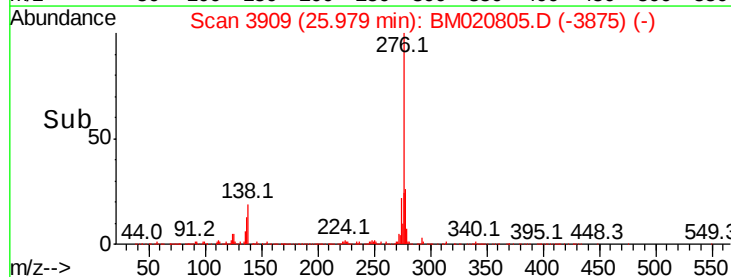
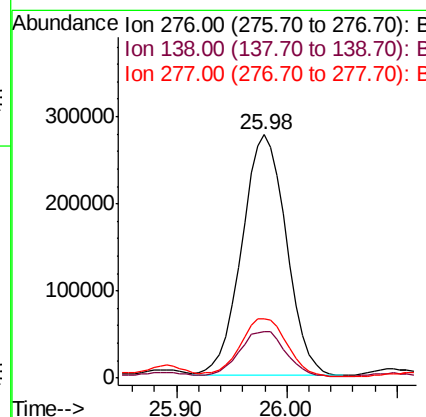
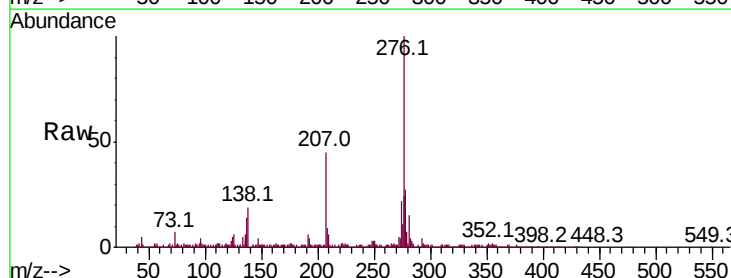
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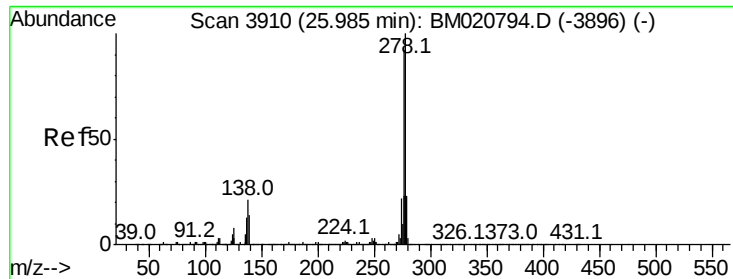
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#91
Indeno(1,2,3-cd)pyrene
Concen: 7.732 ng/u1
RT: 25.98 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	17.8	26.8
277	24.5	20.0	30.0





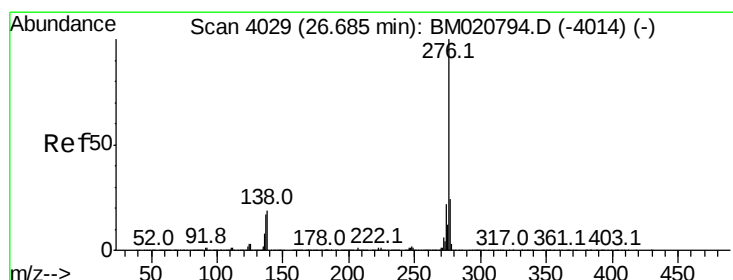
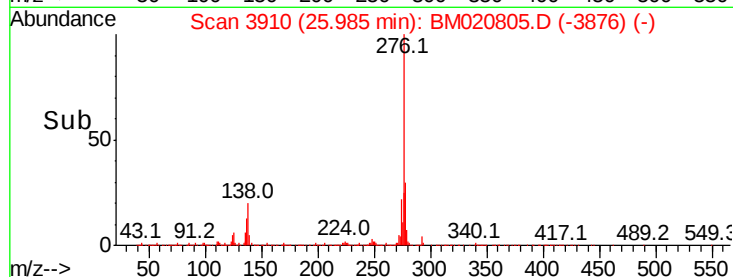
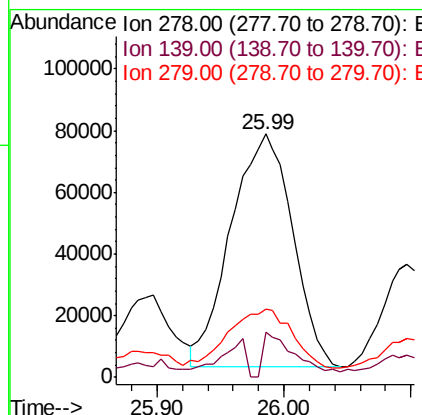
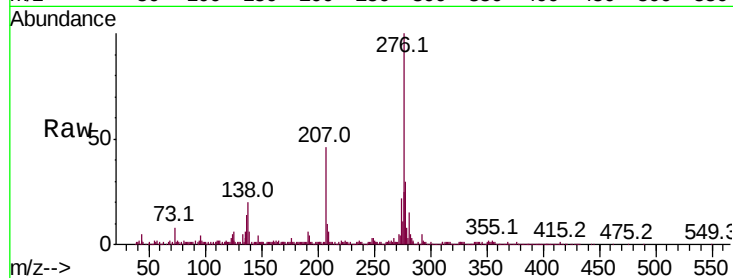
#92
Dibenzo(a,h)anthracene
Concen: 2.991 ng/ul
RT: 25.99 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.5	11.6	17.4#
279	27.9	18.6	28.0

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#93
Benzo(g,h,i)perylene
Concen: 6.628 ng/ul
RT: 26.69 min Scan# 4030
Delta R.T. 0.01 min
Lab File: BM020805.D
Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.6	25.0
277	24.0	19.6	29.4

