

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022338.D
 Acq On : 26 Aug 2019 19:34
 Operator : HP/JU
 Sample : K4242-08RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7RE

Manual Integrations
 APPROVED

mohammad
 8/28/2019 10:00:16 AM

Quant Time: Aug 27 16:12:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 11:54:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	32502	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	135931	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	83936	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.97	188	178846	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	379009m	20.00	ng/ul	0.03
85) Perylene-d12	23.46	264	751770m	20.00	ng/ul	0.08

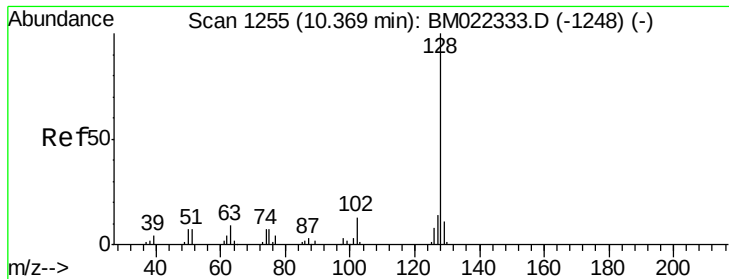
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2658	3.66	ng/uL	0.00
5) Phenol-d5	6.75	99	68394	24.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	43996	26.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	61987	27.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	57803	23.78	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	35266	34.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	38203	32.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	72933	30.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	22178	7.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	250340	33.87	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	264906	33.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	26194m	23.92	ng/ul	0.02
57) Fluorene-d10	15.20	176	202275	33.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	21329	15.46	ng/ul	0.00
70) Anthracene-d10	17.07	188	326563	34.48	ng/ul	0.00
78) Pyrene-d10	19.39	212	793605	40.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	1314332m	31.82	ng/ul	0.08

Target Compounds

					Ovalue	
28) Naphthalene	10.36	128	18801	2.506	ng/ul#	44
34) 2-Methylnaphthalene	11.99	142	9927	1.718	ng/ul	95
44) Dimethylphthalate	13.67	163	44923	5.973	ng/ul	98
69) Phenanthrene	17.01	178	25667	2.399	ng/ul#	87
76) Fluoranthene	19.04	202	156264	9.692	ng/ul	98
79) Pyrene	19.42	202	238439	9.720	ng/ul	97
80) Butylbenzylphthalate	20.33	149	244967m	23.594	ng/ul	
82) Benzo(a)anthracene	21.19	228	104593m	3.667	ng/ul	
83) Bis(2-ethylhexyl)phthalate	21.12	149	652052m	41.735	ng/ul	
84) Chrysene	21.24	228	121832m	4.568	ng/ul	
90) Benzo(a)pyrene	23.36	252	284541m	5.708	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.69	276	200374m	3.462	ng/ul	
93) Benzo(g,h,i)perylene	26.37	276	184794m	4.185	ng/ul	

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



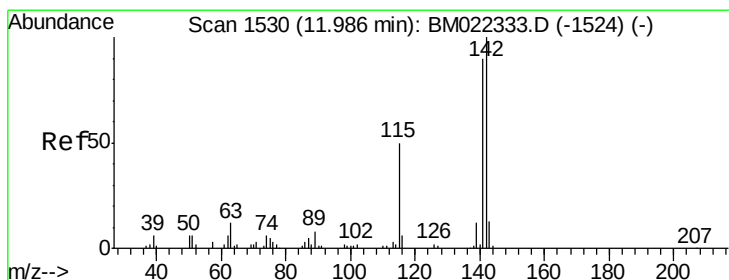
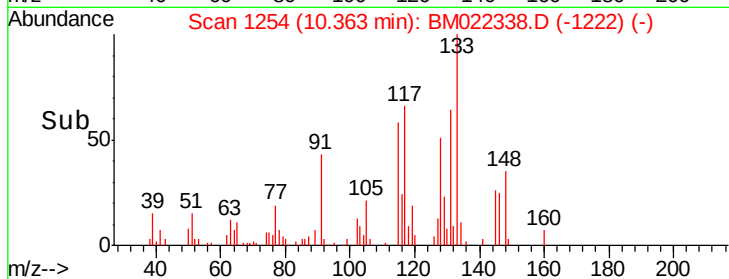
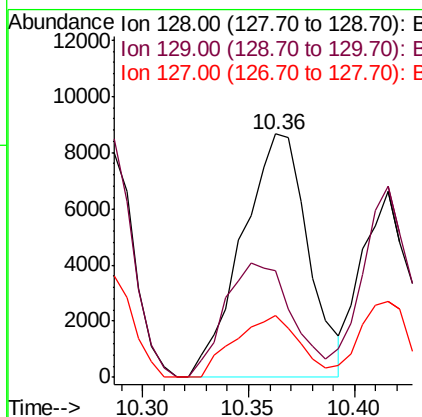
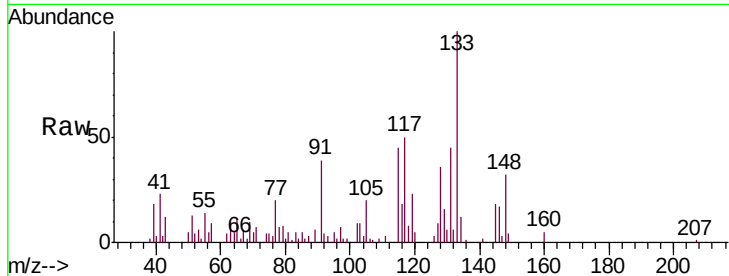
#28
Naphthalene
Concen: 2.506 ng/ul
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Instrument :
BNA_M
ClientSampled :
C0AF7RE

Tot Ion	Ratio	Resp	Lower	Upper
128	100	18801		
129	43.7	8.6	13.0#	
127	25.3	10.4	15.6#	

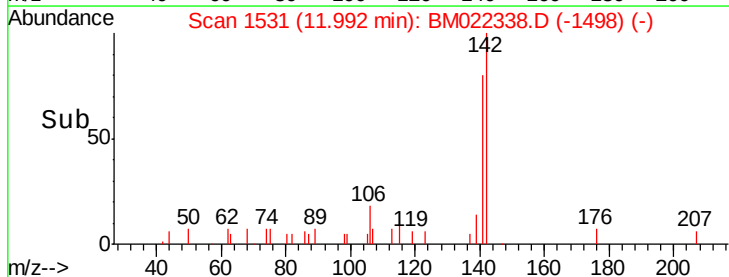
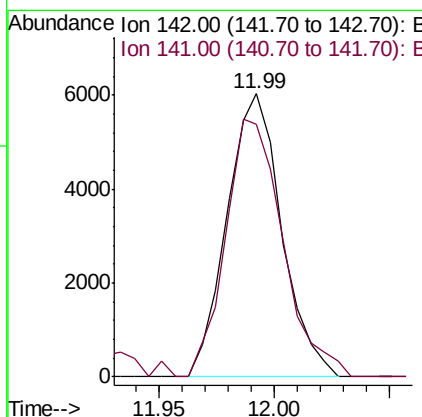
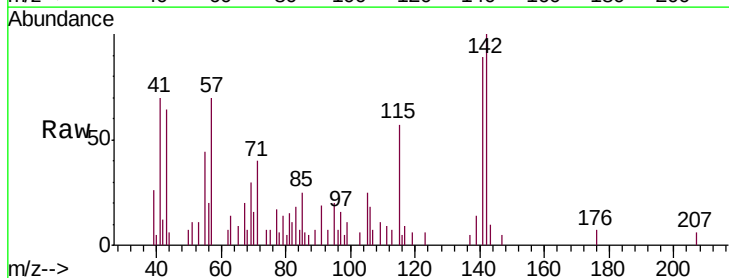
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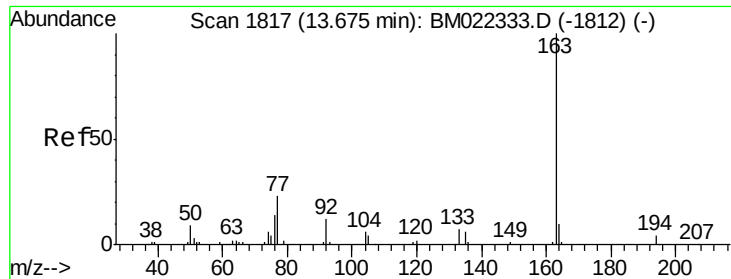
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#34
2-Methylnaphthalene
Concen: 1.718 ng/ul
RT: 11.99 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	9927		
141	89.4	75.1	112.7	





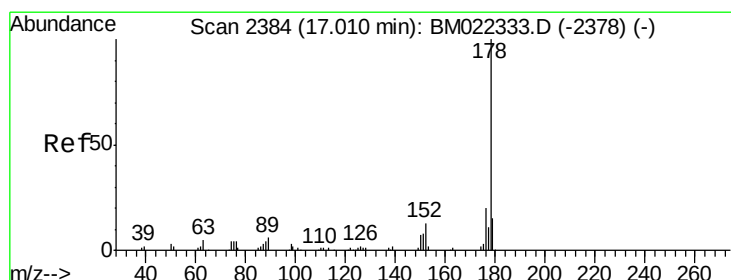
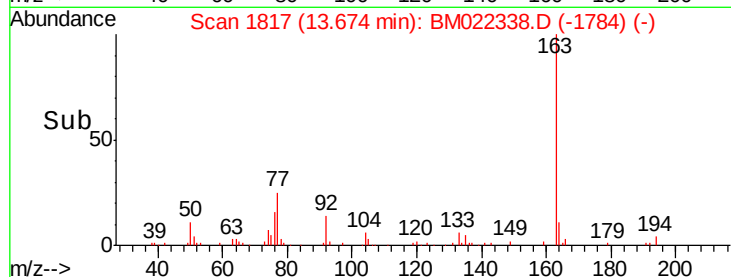
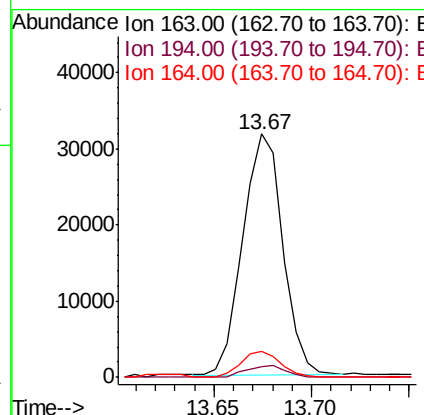
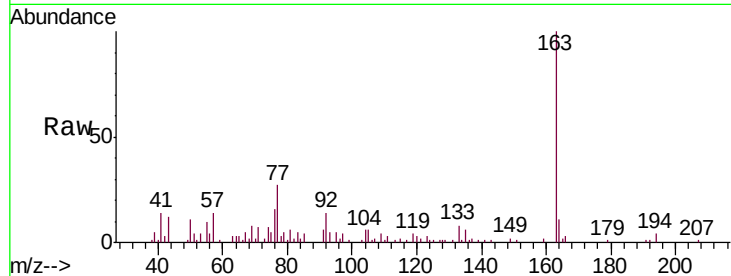
#44
Dimethylphthalate
Concen: 5.973 ng/ul
RT: 13.67 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Instrument :
BNA_M
ClientSampleId :
C0AF7RE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	44923		
194	4.3		3.0	4.6
164	10.6		7.8	11.8

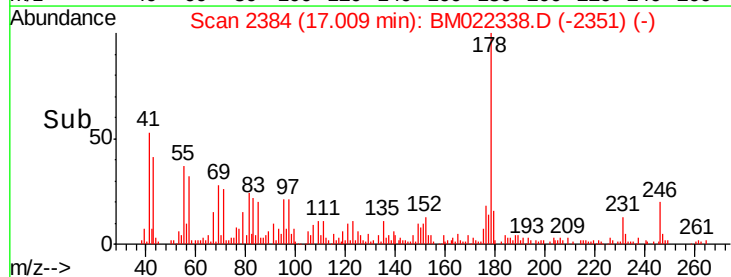
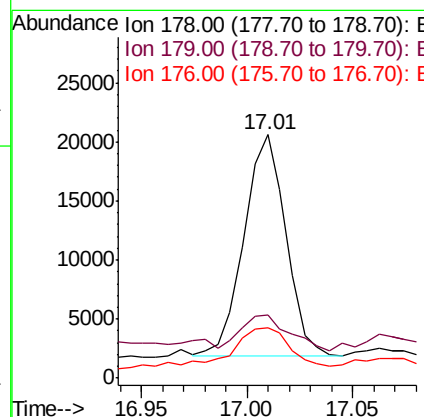
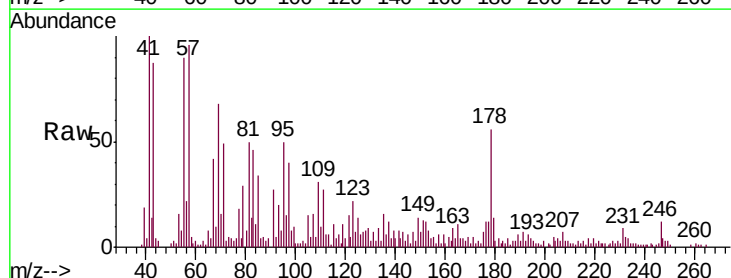
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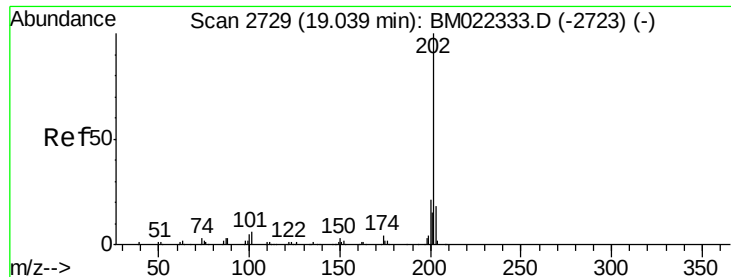
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#69
Phenanthrene
Concen: 2.399 ng/ul
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	25667		
179	25.7		12.4	18.6#
176	20.6		15.4	23.0





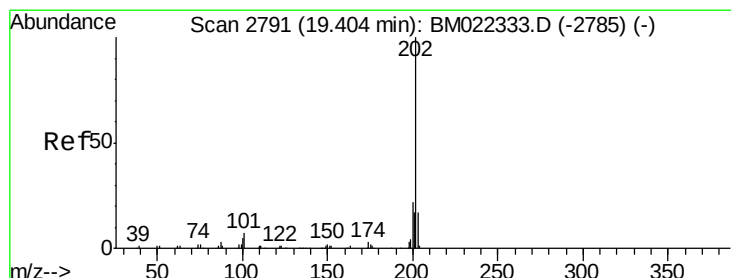
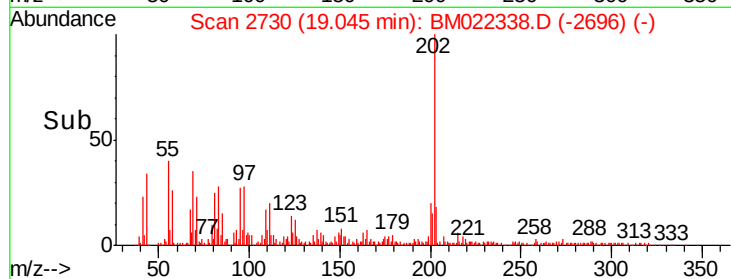
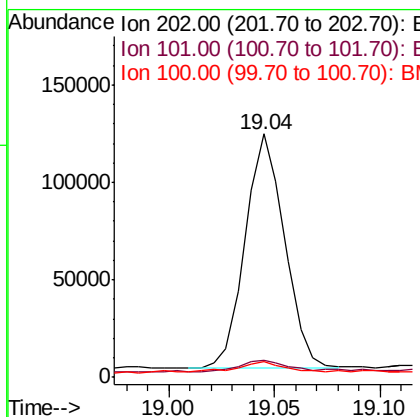
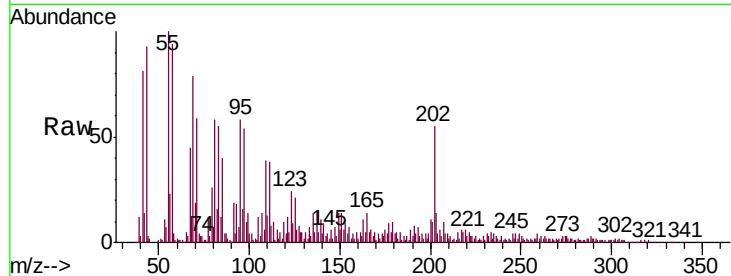
#76
Fluoranthene
Concen: 9.692 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Instrument :
BNA_M
ClientSampleId :
C0AF7RE

Tot Ion	Ratio	Resp	Lower	Upper
202	100	156264		
101	7.0	5.3	7.9	
100	6.4	4.6	6.8	

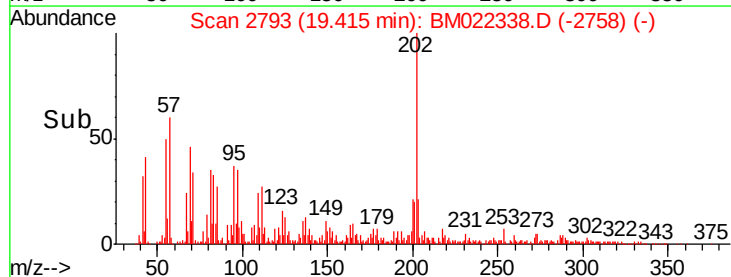
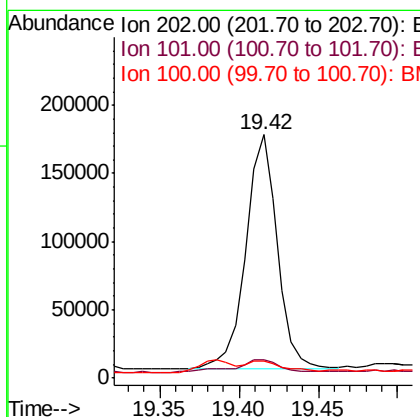
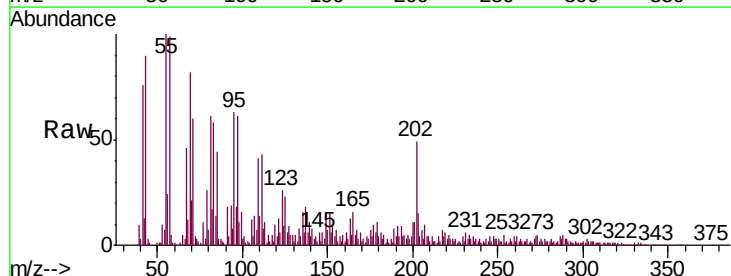
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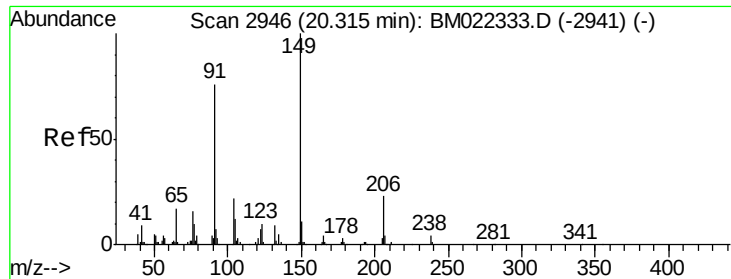
mohammad
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#79
Pyrene
Concen: 9.720 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	238439		
101	7.4	7.0	10.4	
100	6.9	5.8	8.8	





#80

Butylbenzylphthalate

Concen: 23.594 ng/ul m

RT: 20.33 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BM022338.D

Acq: 26 Aug 2019 19:34

Instrument :

BNA_M

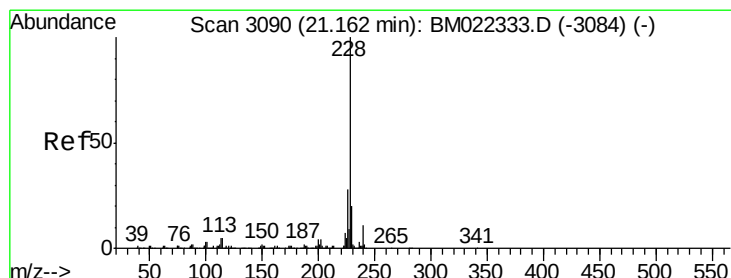
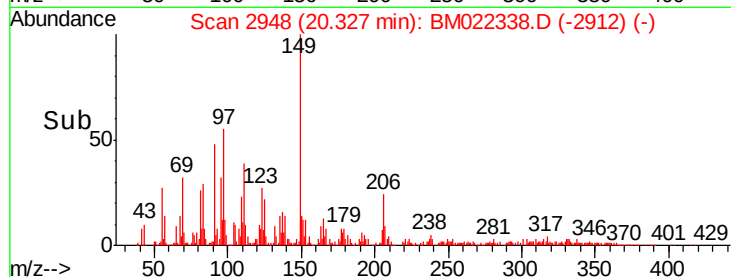
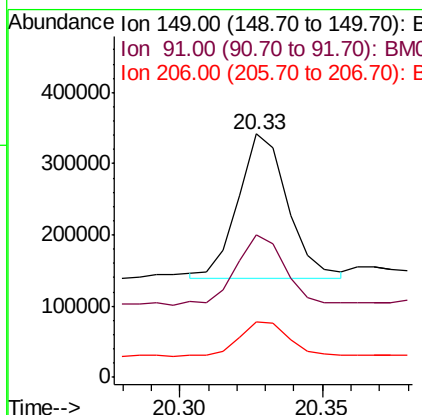
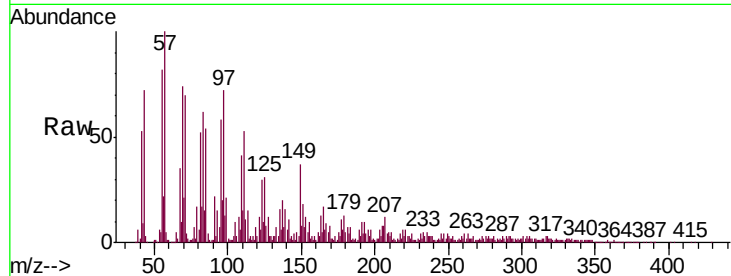
ClientSampled :

C0AF7RE

Tot Ion:	149	Resp:	244967
Ion Ratio	Lower	Upper	
149	100		
91	58.6	61.8	92.8#
206	22.8	16.6	25.0

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#82

Benzo(a)anthracene

Concen: 3.667 ng/ul m

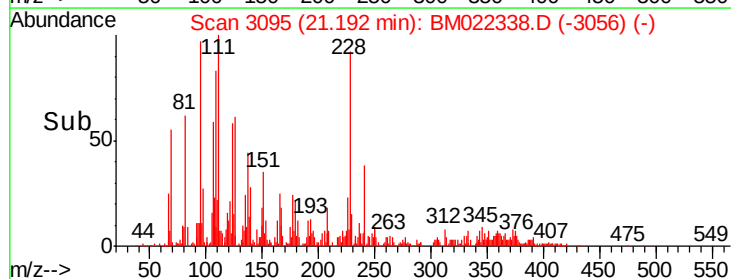
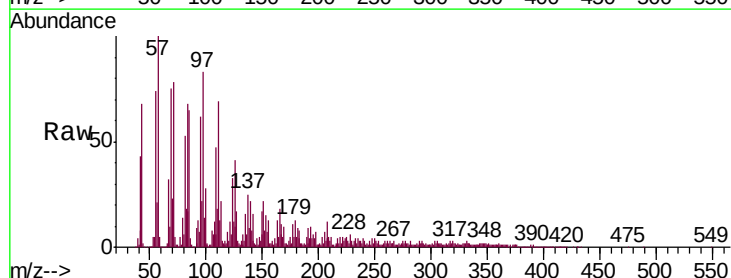
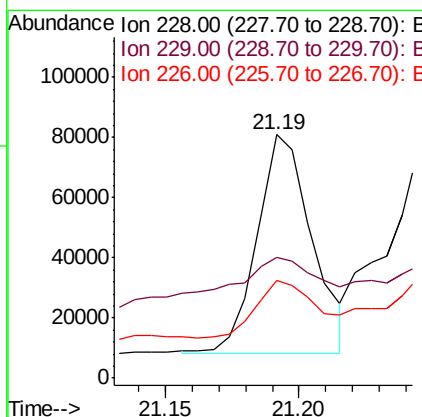
RT: 21.19 min Scan# 3095

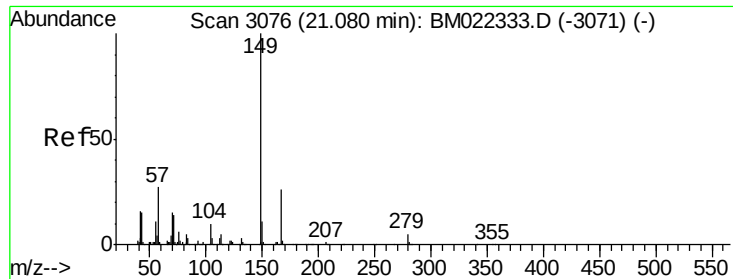
Delta R.T. 0.03 min

Lab File: BM022338.D

Acq: 26 Aug 2019 19:34

Tgt Ion:	228	Resp:	104593
Ion Ratio	Lower	Upper	
228	100		
229	49.7	15.2	22.8#
226	39.9	22.3	33.5#





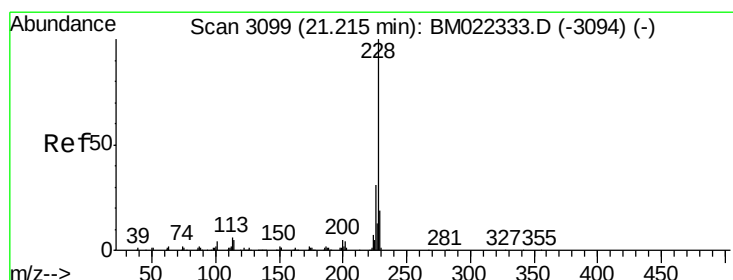
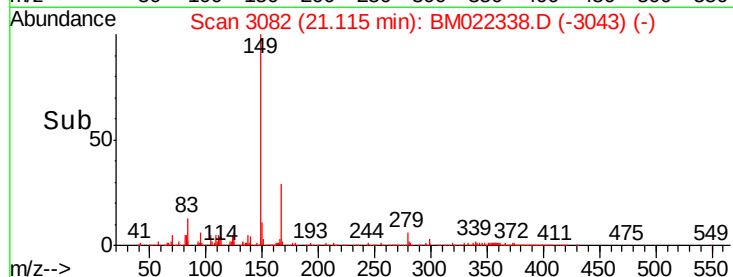
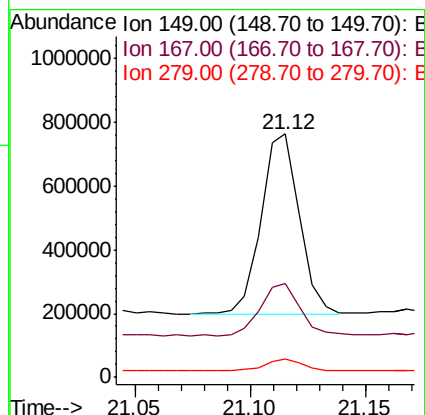
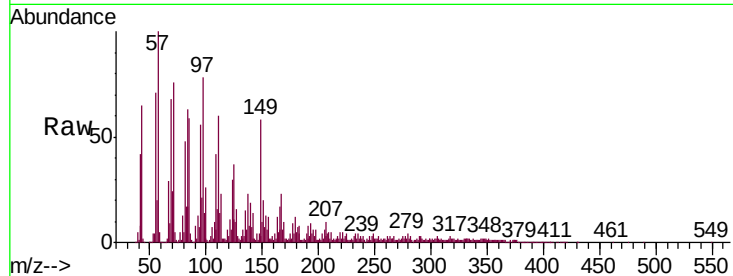
#83
Bis(2-ethylhexyl)phthalate
Concen: 41.735 ng/ul m
RT: 21.12 min Scan# 3082
Delta R.T. 0.03 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Instrument :
BNA_M
ClientSampled :
C0AF7RE

Tot Ion	Ratio	Lower	Upper
149	100		
167	38.8	19.1	28.7#
279	7.4	3.3	4.9#

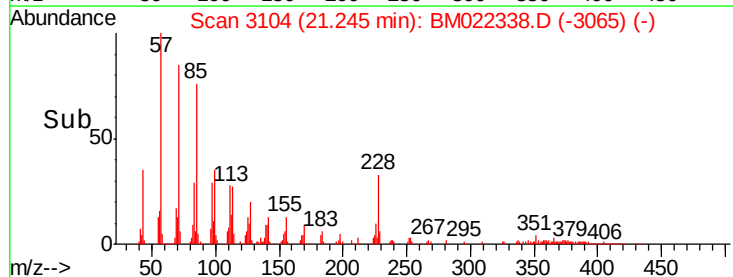
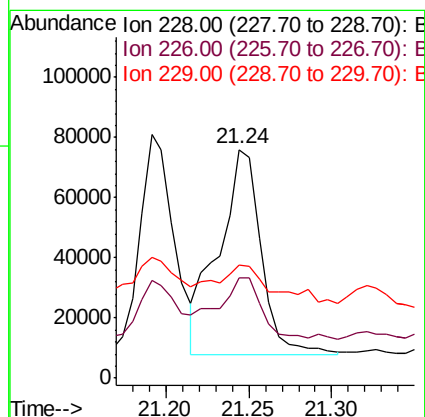
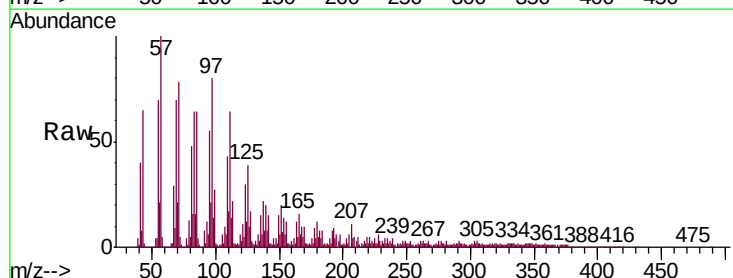
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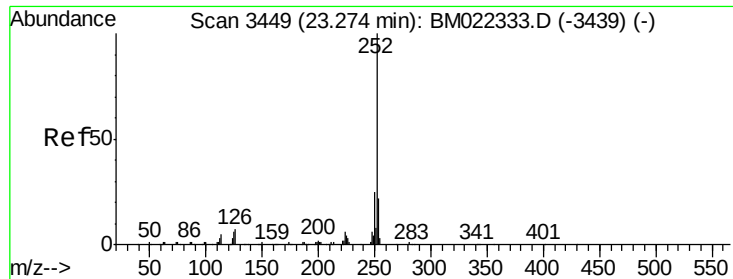
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#84
Chrysene
Concen: 4.568 ng/ul m
RT: 21.24 min Scan# 3104
Delta R.T. 0.03 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	44.1	24.7	37.1#
229	49.4	15.7	23.5#





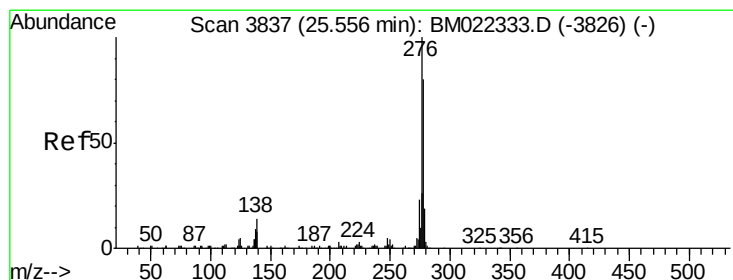
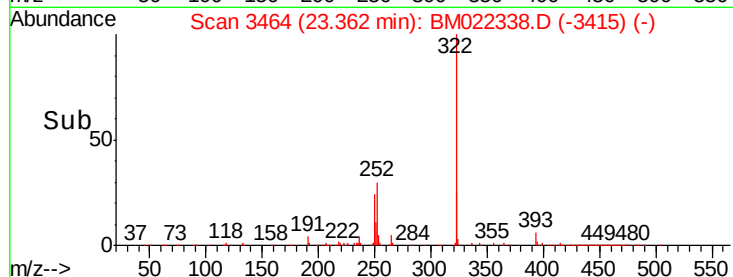
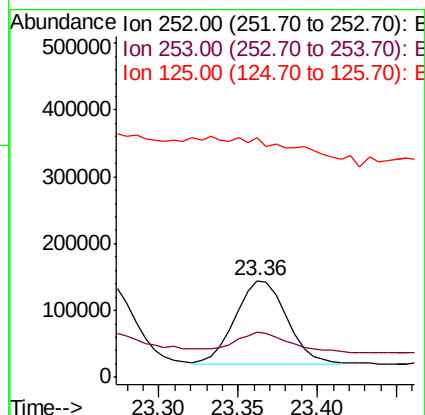
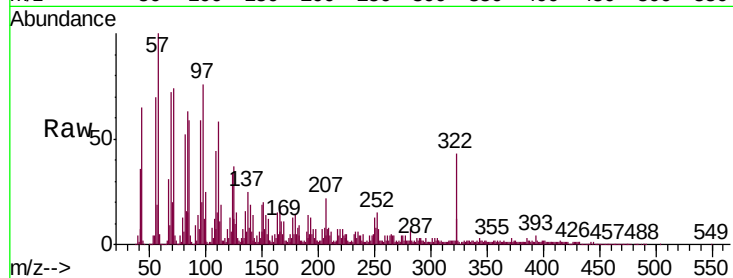
#90
Benzo(a)pyrene
Concen: 5.708 ng/ul m
RT: 23.36 min Scan# 3464
Delta R.T. 0.09 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Instrument :
BNA_M
ClientSampled :
C0AF7RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	46.7	16.9	25.3#
125	248.0	5.5	8.3#

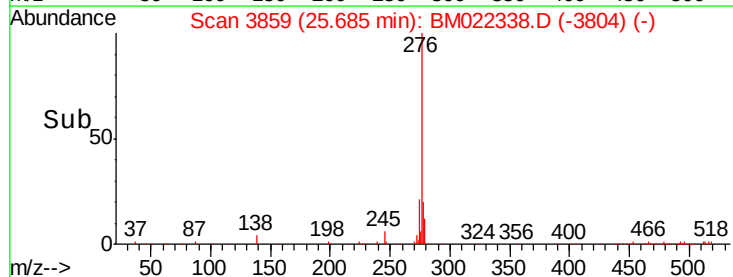
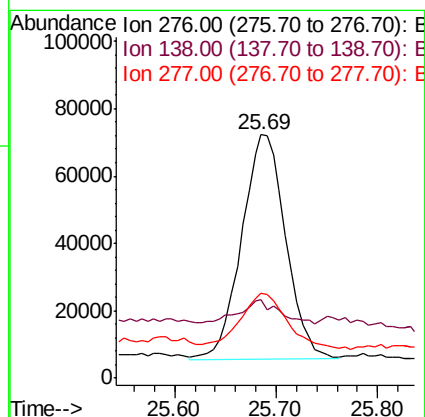
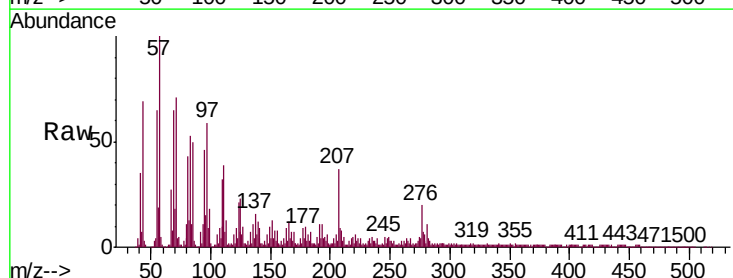
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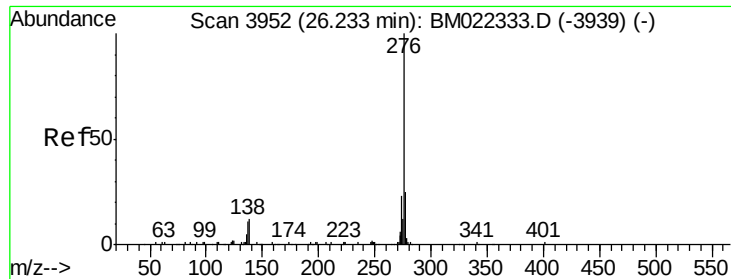
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#91
Indeno(1,2,3-cd)pyrene
Concen: 3.462 ng/ul m
RT: 25.69 min Scan# 3859
Delta R.T. 0.12 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	12.6	18.8#
277	34.8	20.2	30.2#





#93

Benzo(a,h,i)perylene

Concen: 4.185 ng/ul m

RT: 26.37 min Scan# 3975

Delta R.T. 0.14 min

Lab File: BM022338.D

Acq: 26 Aug 2019 19:34

Instrument :

BNA_M

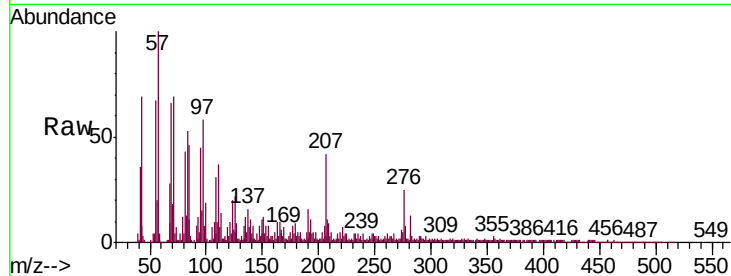
ClientSampleId :

C0AF7RE

Tot Ion:	276	Resp:	184794
Ion Ratio	Lower	Upper	
276	100		
138	28.1	10.2	15.4#
277	34.2	18.2	27.4#

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

