

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027242.D
 Acq On : 26 Aug 2020 10:38
 Operator : JU/CG
 Sample : L3613-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFR0

Manual Integrations
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Quant Time: Aug 26 12:07:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 25 15:35:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	193382	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.36	136	793353	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	556216	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.98	188	1237864	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1197321	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	947521	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	10792	3.16	ng/uL	0.00
5) Phenol-d5	6.78	99	212136	13.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	157996	15.57	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.13	132	172154	14.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	125307	9.95	ng/ul	-0.01
19) Nitrobenzene-d5	8.73	128	91734	14.43	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.46	143	104238	14.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	194098	12.98	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.50	131	134870	8.37	ng/ul	-0.01
44) Dimethylphthalate-d6	13.65	166	702151	15.91	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	763704	14.64	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.44	143	86210	11.58	ng/ul	-0.01
58) Fluorene-d10	15.23	176	605465	15.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	91506	11.33	ng/ul	-0.01
71) Anthracene-d10	17.08	188	860294	14.64	ng/ul	0.00
79) Pyrene-d10	19.38	212	977080	14.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	766421	14.51	ng/ul	-0.02

Target Compounds

					Ovalue
45) Dimethylphthalate	13.70	163	236662	5.167	ng/ul 100
70) Phenanthrene	17.02	178	422376	5.978	ng/ul 98
77) Fluoranthene	19.04	202	890894	10.525	ng/ul 100
80) Pyrene	19.41	202	696273	7.539	ng/ul 99
83) Benzo(a)anthracene	21.17	228	325160	4.095	ng/ul 97
85) Chrysene	21.22	228	381095	5.014	ng/ul 98
88) Benzo(b)fluoranthene	22.72	252	445589	6.597	ng/ul 96
89) Benzo(k)fluoranthene	22.75	252	123154m	1.892	ng/ul
91) Benzo(a)pyrene	23.27	252	229480	3.871	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.53	276	160787	2.354	ng/ul 99
94) Benzo(g,h,i)perylene	26.19	276	134271	2.405	ng/ul 96

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

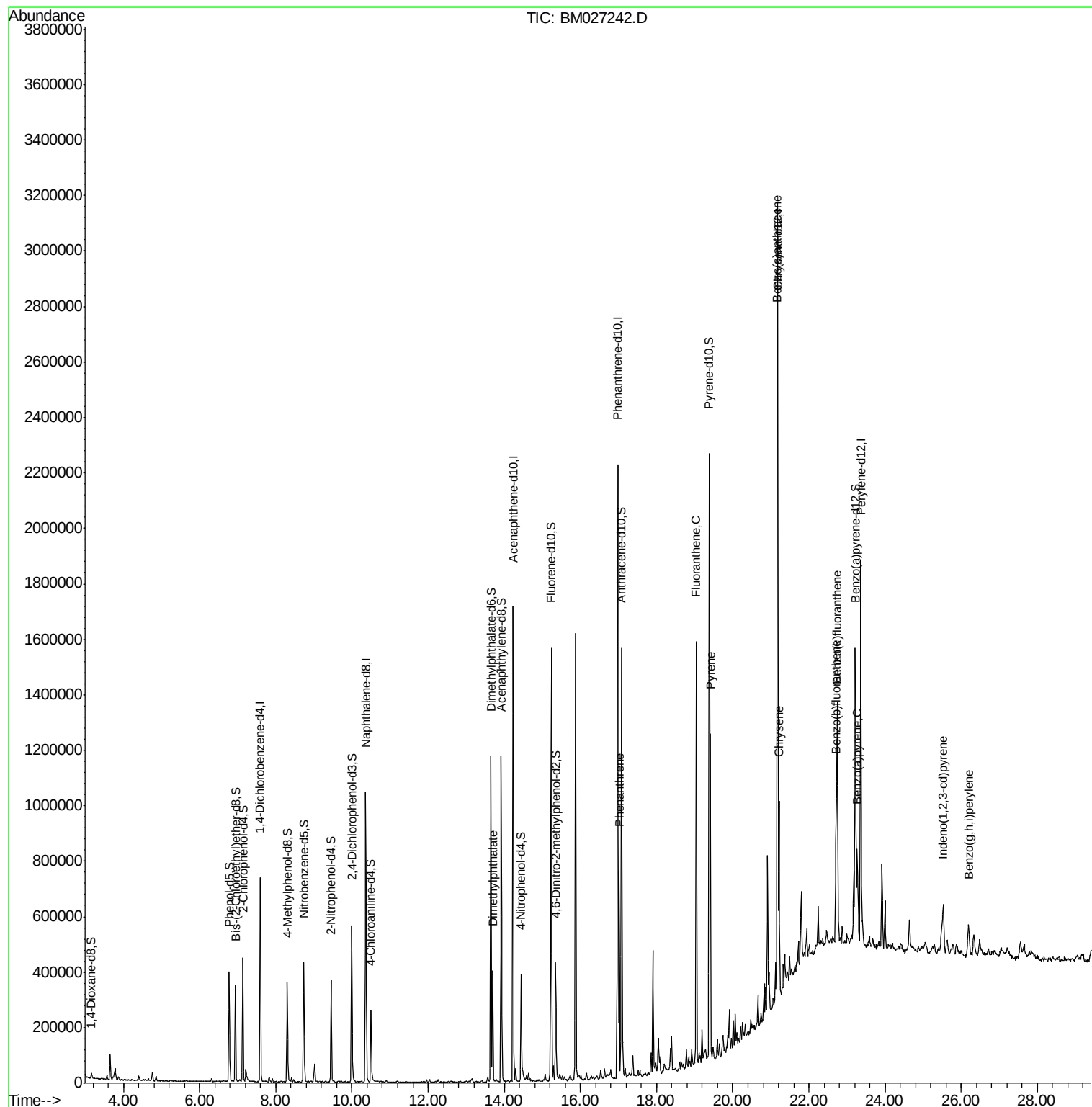
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027242.D
Acq On : 26 Aug 2020 10:38
Operator : JU/CG
Sample : L3613-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

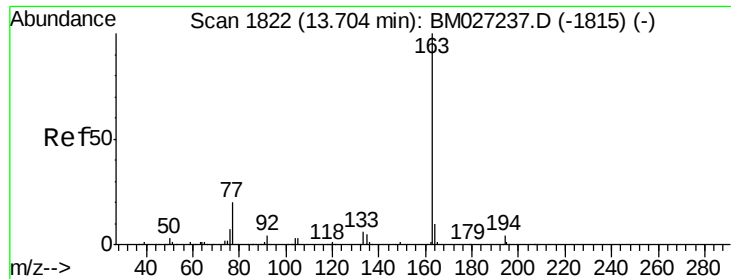
Instrument :
BNA_M
ClientSampleId :
DBFR0

Quant Time: Aug 26 12:07:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
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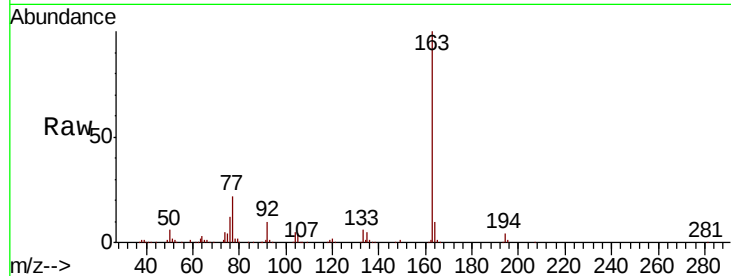
#45
Dimethylphthalate
Concen: 5.167 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM027242.D
Acq: 26 Aug 2020 10:38

Instrument :
BNA_M
ClientSampleId :
DBFR0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	236662		
194	4.3		3.5	5.3
164	10.1		8.2	12.2

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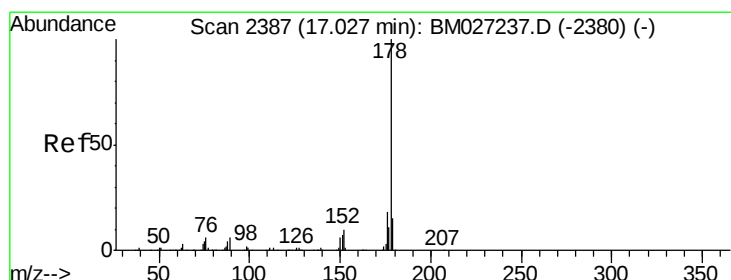
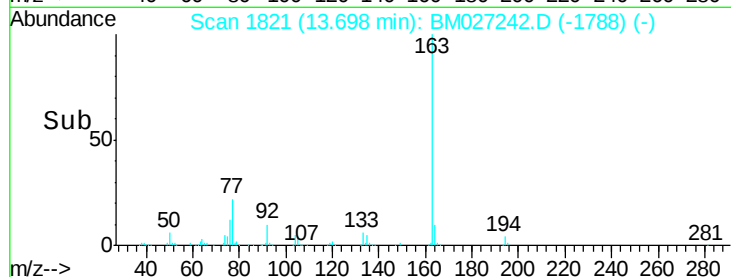
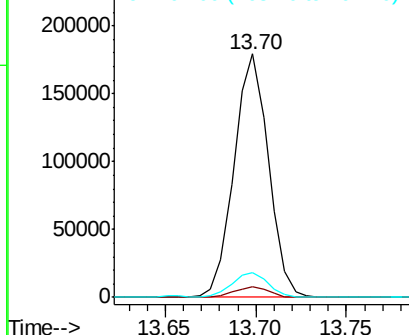


Abundance

Ion 163.00 (162.70 to 163.70): E

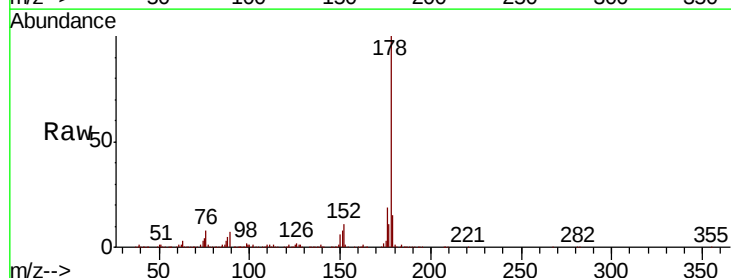
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 5.978 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM027242.D
Acq: 26 Aug 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	422376		
179	15.4		12.0	18.0
176	19.5		14.6	22.0

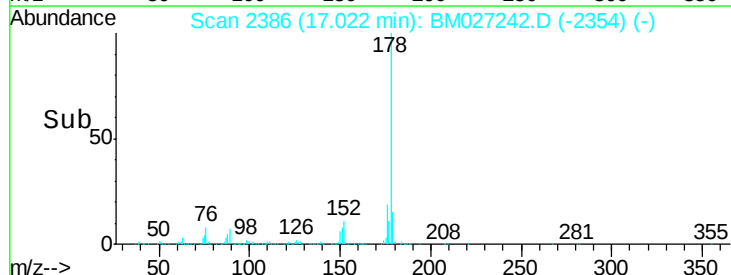
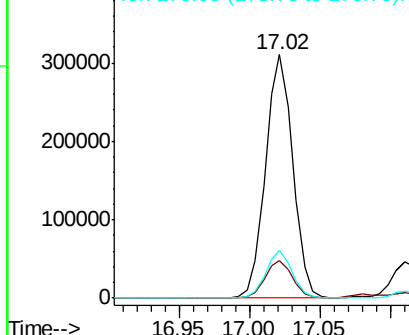


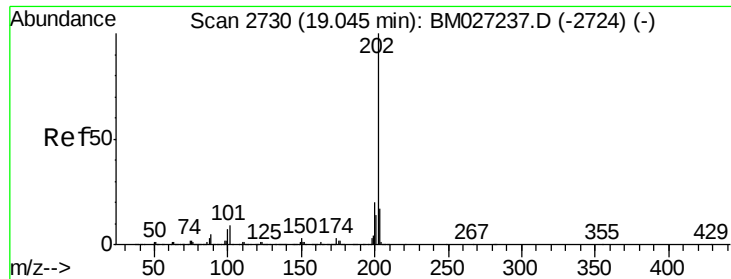
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





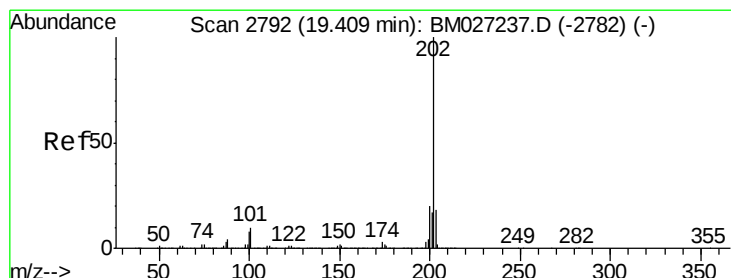
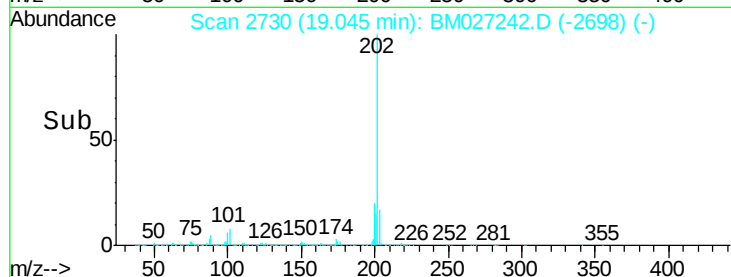
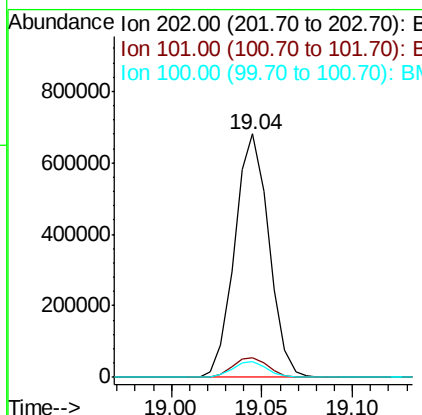
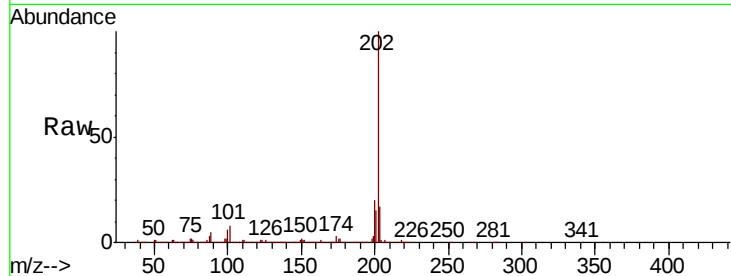
#77
Fluoranthene
 Concen: 10.525 ng/ul
 RT: 19.04 min Scan# 2730
 Delta R.T. -0.01 min
 Lab File: BM027242.D
 Acq: 26 Aug 2020 10:38

Instrument :
 BNA_M
 ClientSampleId :
 DBFR0

Tot Ion	Ratio	Resp	Lower	Upper
202	100	890894		
101	8.2	6.4	9.6	
100	6.3	5.0	7.6	

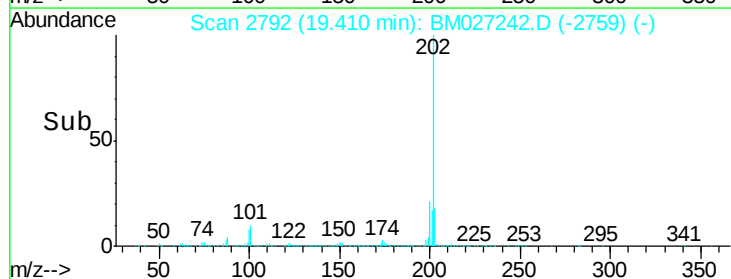
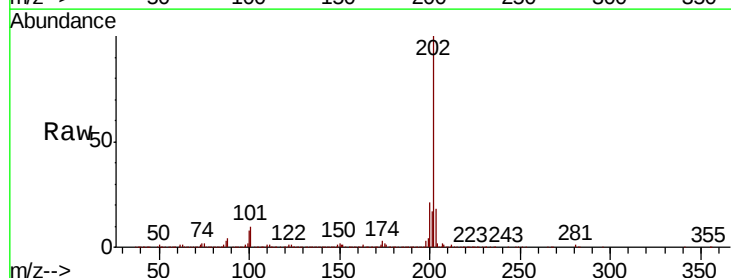
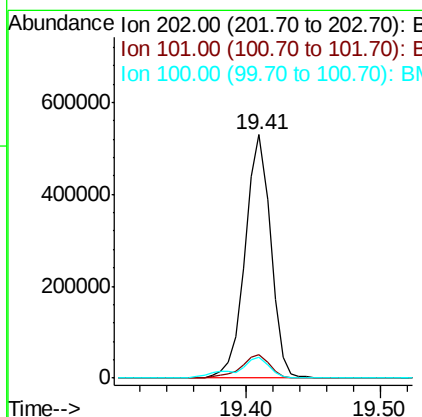
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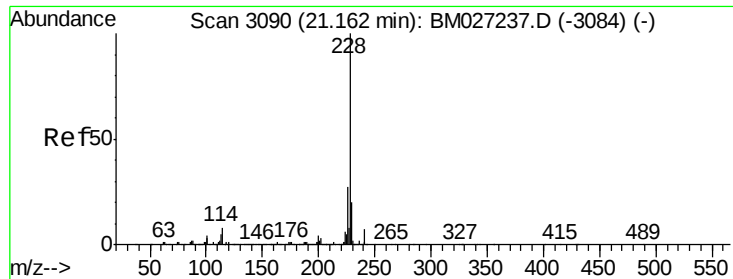
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#80
Pyrene
 Concen: 7.539 ng/ul
 RT: 19.41 min Scan# 2792
 Delta R.T. -0.01 min
 Lab File: BM027242.D
 Acq: 26 Aug 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	696273		
101	9.5	8.0	12.0	
100	8.4	6.8	10.2	





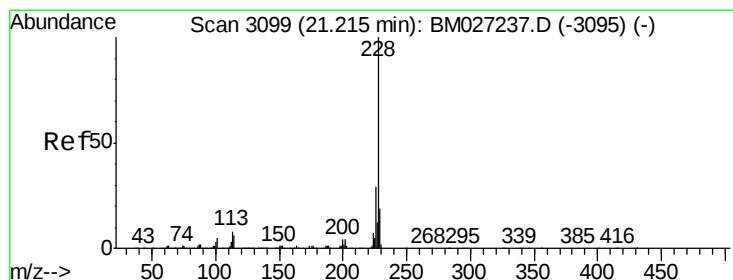
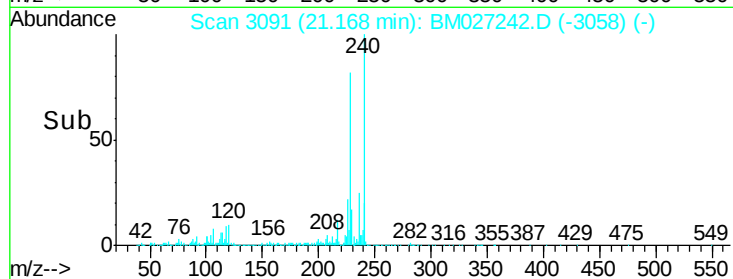
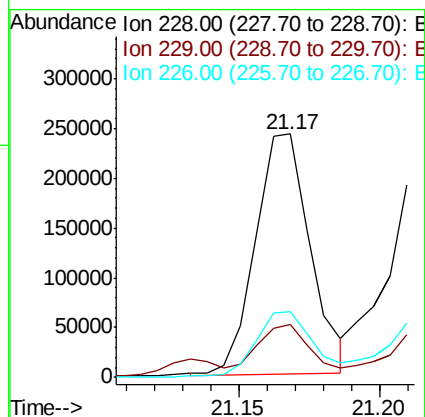
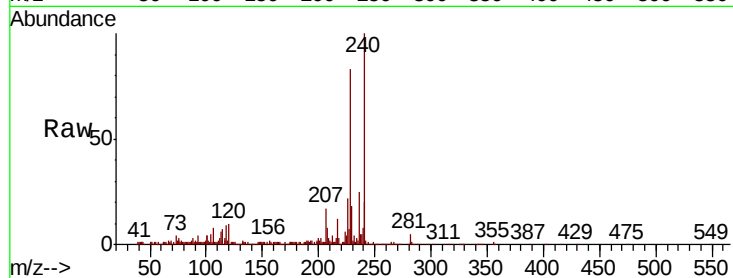
#83
Benzo(a)anthracene
Concen: 4.095 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM027242.D
Acq: 26 Aug 2020 10:38

Instrument :
BNA_M
ClientSampleId :
DBFR0

Tot Ion:	228	Resp:	325160
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.5	23.3
226	27.2	21.1	31.7

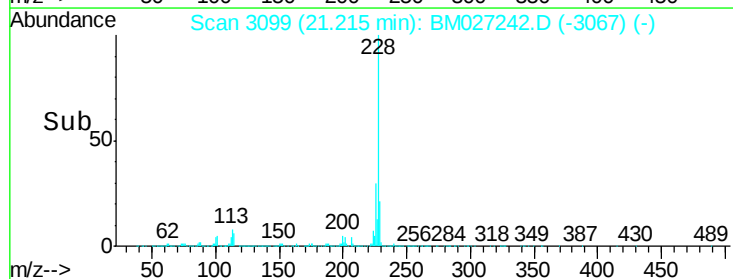
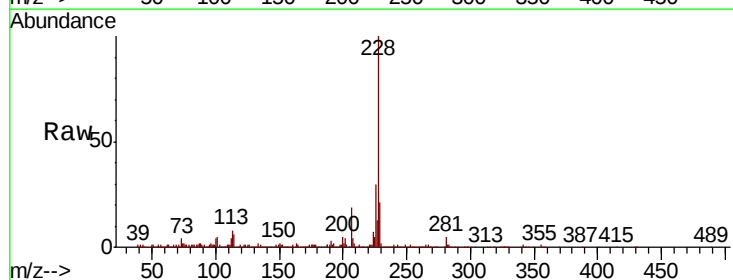
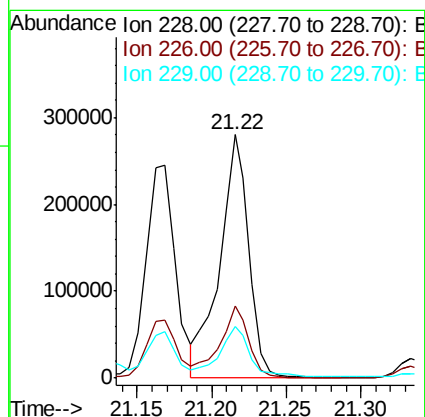
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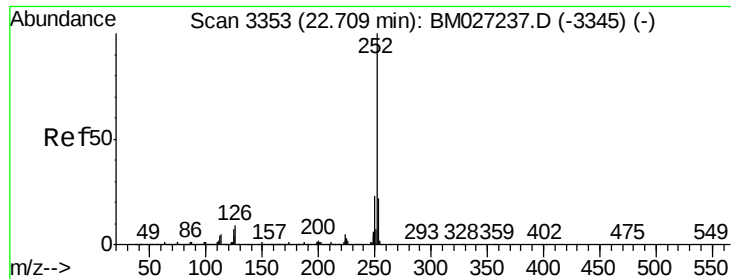
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#85
Chrysene
Concen: 5.014 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM027242.D
Acq: 26 Aug 2020 10:38

Tgt Ion:	228	Resp:	381095
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.1	34.7
229	21.0	15.5	23.3





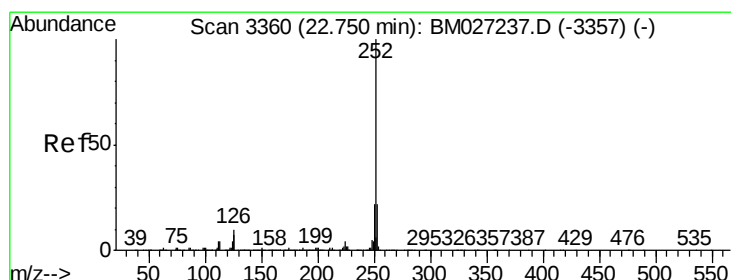
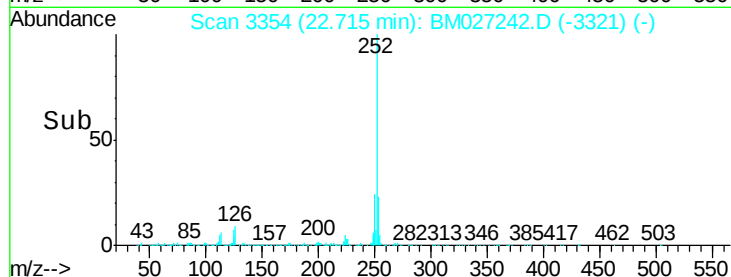
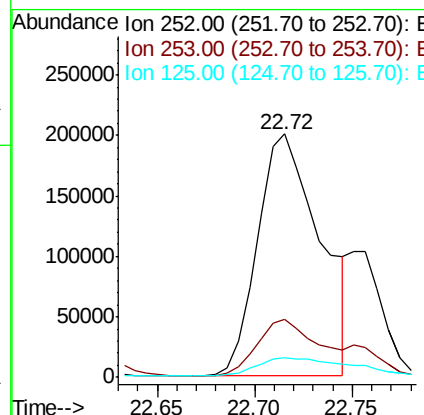
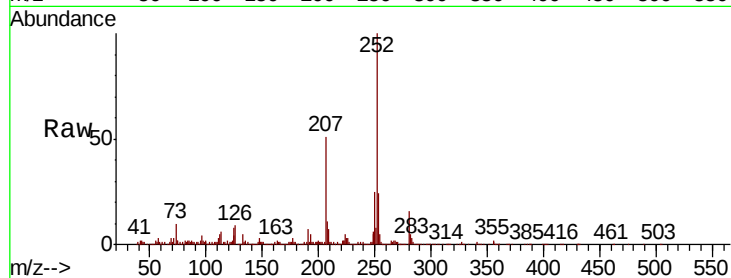
#88
Benzo(b)fluoranthene
Concen: 6.597 ng/ul
RT: 22.72 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BM027242.D
Acq: 26 Aug 2020 10:38

Instrument :
BNA_M
ClientSampleId :
DBFR0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	7.9	5.6	8.4

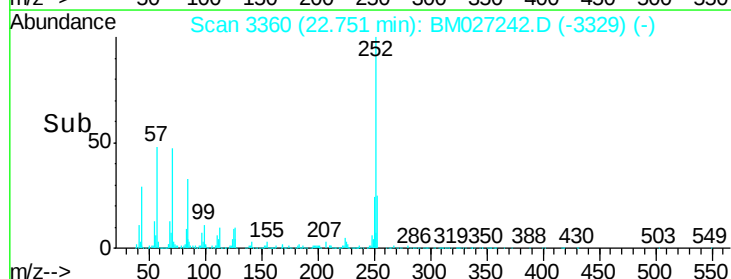
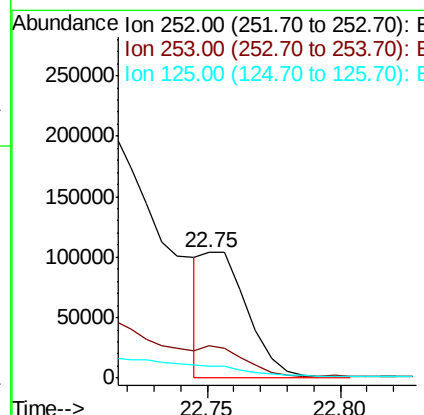
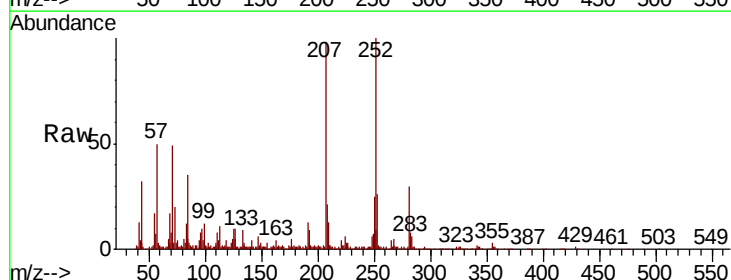
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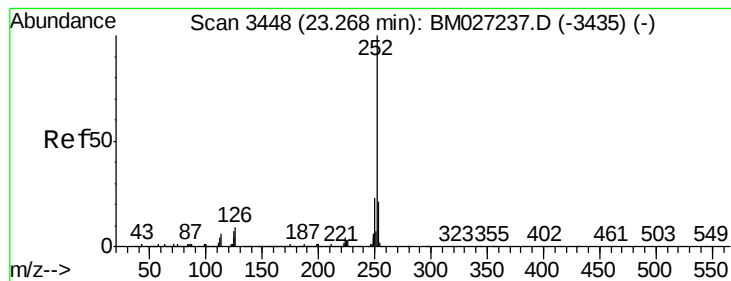
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#89
Benzo(k)fluoranthene
Concen: 1.892 ng/ul m
RT: 22.75 min Scan# 3360
Delta R.T. -0.02 min
Lab File: BM027242.D
Acq: 26 Aug 2020 10:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.2
125	9.9	5.2	7.8





#91

Benzo(a)pyrene

Concen: 3.871 ng/ul

RT: 23.27 min Scan# 3448

Delta R.T. -0.01 min

Lab File: BM027242.D

Acq: 26 Aug 2020 10:38

Instrument :

BNA_M

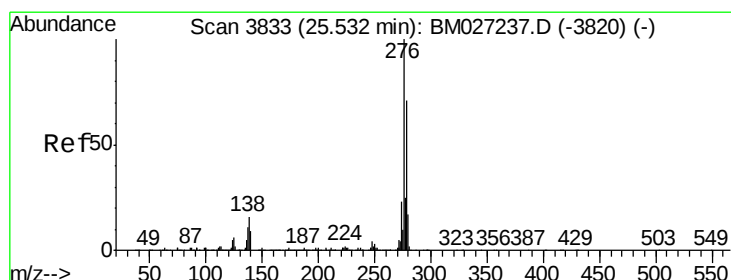
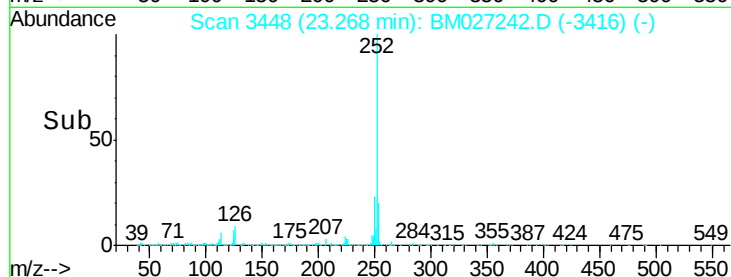
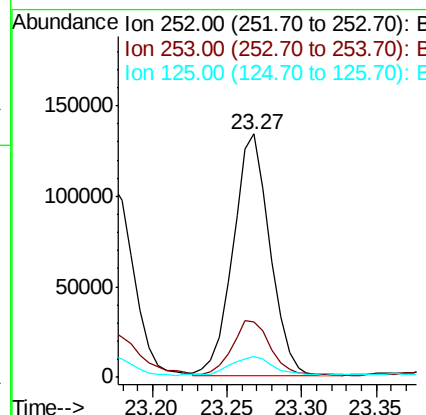
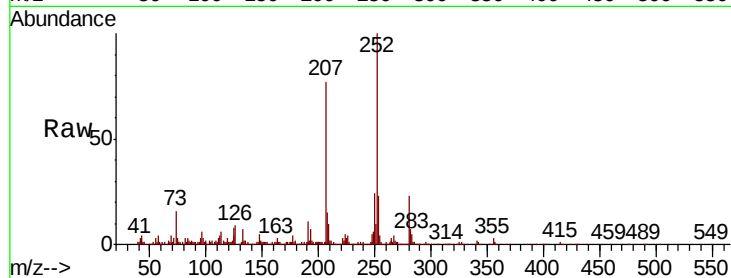
ClientSampleId :

DBFR0

Tot Ion:	252	Resp:	229480
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.4
125	8.4	6.0	9.0

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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.354 ng/ul

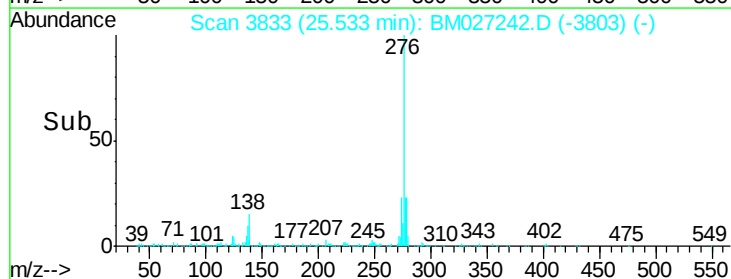
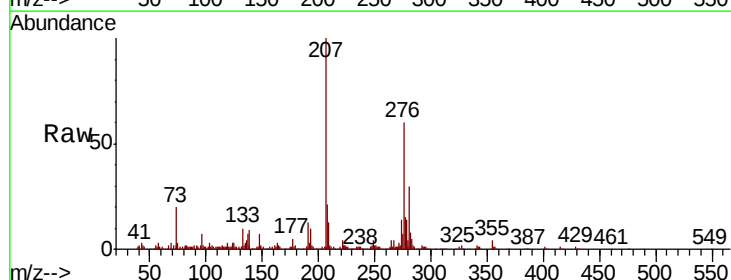
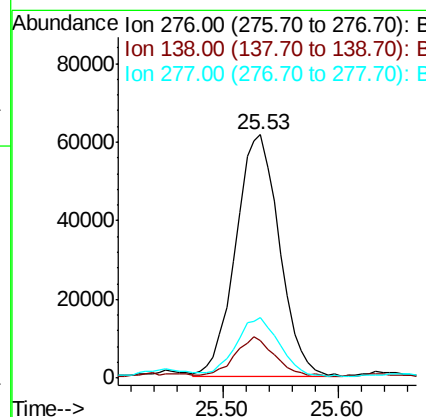
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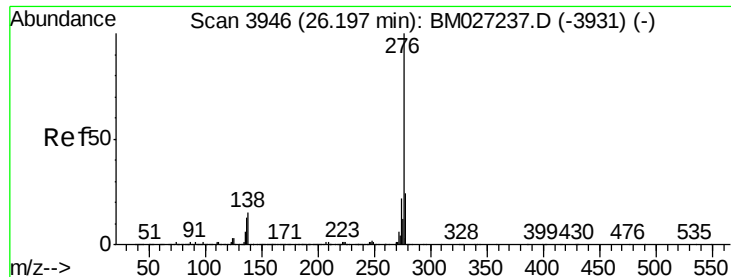
Delta R.T. -0.02 min

Lab File: BM027242.D

Acq: 26 Aug 2020 10:38

Tgt Ion:	276	Resp:	160787
Ion Ratio	Lower	Upper	
276	100		
138	15.3	13.3	19.9
277	25.1	20.2	30.2





#94

Benzo(a,h,i)perylene

Concen: 2.405 ng/ul

RT: 26.19 min Scan# 3945

Delta R.T. -0.03 min

Lab File: BM027242.D

Acq: 26 Aug 2020 10:38

Instrument :

BNA_M

ClientSampleId :

DBFR0

Tot Ion:	276	Resp:	134271
Ion Ratio	Lower	Upper	
276	100		
138	16.0	11.0	16.4
277	22.1	18.7	28.1

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