

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027244.D
 Acq On : 26 Aug 2020 12:09
 Operator : JU/CG
 Sample : L3613-18MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFR5MSD

Manual Integrations
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Quant Time: Aug 26 12:44:02 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	7.60	152	184685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	762215	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	521616	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.98	188	1171513	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1177967	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	935911	20.00	ng/ul	0.00

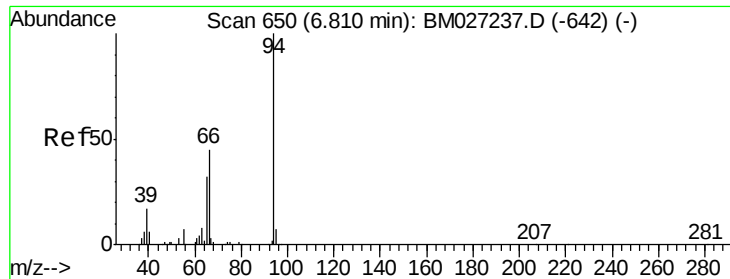
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	11851	3.63	ng/uL	0.00
5) Phenol-d5	6.78	99	289977	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	191824	19.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	220373	19.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	207759	17.28	ng/ul	-0.01
19) Nitrobenzene-d5	8.74	128	113629	18.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	128727	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	265598	18.49	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.50	131	225561	14.57	ng/ul	-0.01
44) Dimethylphthalate-d6	13.65	166	903757	21.84	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	1027779	21.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	139744	20.02	ng/ul	0.00
58) Fluorene-d10	15.23	176	765124	21.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	129163	16.90	ng/ul	-0.01
71) Anthracene-d10	17.08	188	1184673	21.31	ng/ul	0.00
79) Pyrene-d10	19.38	212	1493651	21.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	1236832	23.71	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.80	94	337705	21.568	ng/ul	95
10) 2-Chlorophenol	7.16	128	242920	20.621	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	261950	22.587	ng/ul	99
33) 4-Chloro-3-methylphenol	11.66	107	311725	21.369	ng/ul	96
45) Dimethylphthalate	13.70	163	232699	5.417	ng/ul	99
50) Acenaphthene	14.30	153	736835	21.499	ng/ul	99
53) 4-Nitrophenol	14.46	109	163962	24.776	ng/ul	100
55) 2,4-Dinitrotoluene	14.60	165	291499	23.129	ng/ul	98
69) Pentachlorophenol	16.64	266	233286	23.694	ng/ul	99
70) Phenanthrene	17.02	178	113537	1.698	ng/ul	97
77) Fluoranthene	19.04	202	387859	4.842	ng/ul	99
80) Pyrene	19.42	202	2331244	25.656	ng/ul	98
83) Benzo(a)anthracene	21.17	228	157472	2.016	ng/ul	97
85) Chrysene	21.22	228	188276	2.518	ng/ul	98
88) Benzo(b)fluoranthene	22.72	252	221189	3.315	ng/ul	98
89) Benzo(k)fluoranthene	22.76	252	82908m	1.290	ng/ul	
91) Benzo(a)pyrene	23.27	252	122940	2.100	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.54	276	85481	1.267	ng/ul	97
94) Benzo(g,h,i)perylene	26.20	276	81722	1.482	ng/ul#	96

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



#6

Phenol

Concen: 21.568 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM027244.D

Acq: 26 Aug 2020 12:09

Instrument :

BNA_M

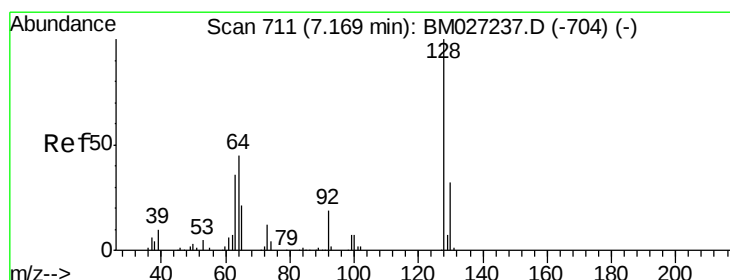
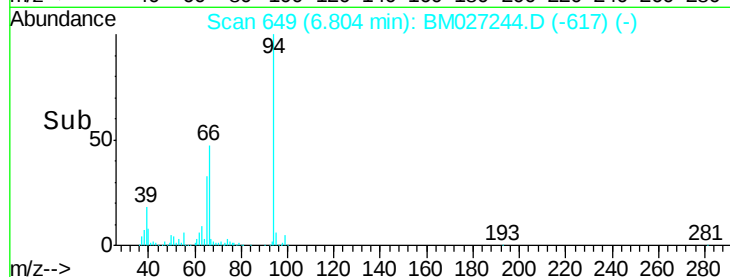
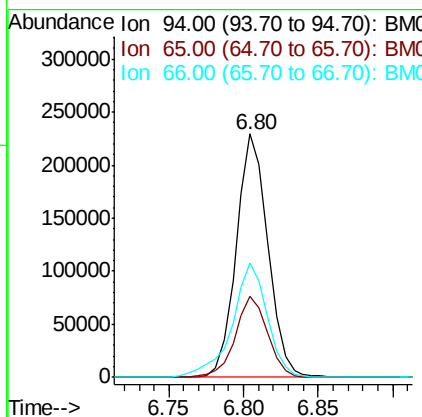
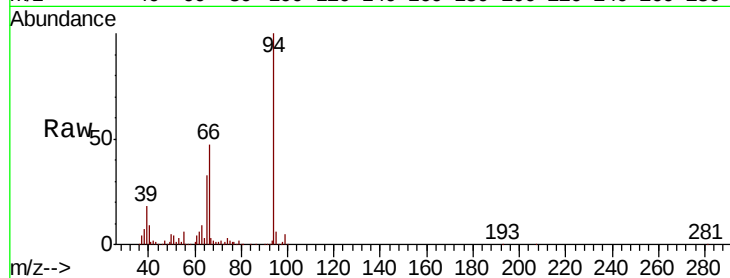
ClientSampleId :

DBFR5MSD

Tot Ion:	94	Resp:	337705
Ion	Ratio	Lower	Upper
94	100		
65	33.4	24.8	37.2
66	47.0	34.7	52.1

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#10

2-Chlorophenol

Concen: 20.621 ng/ul

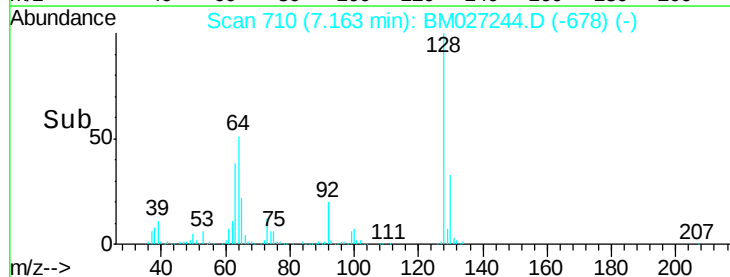
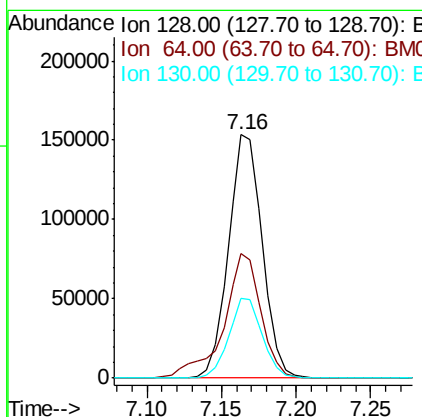
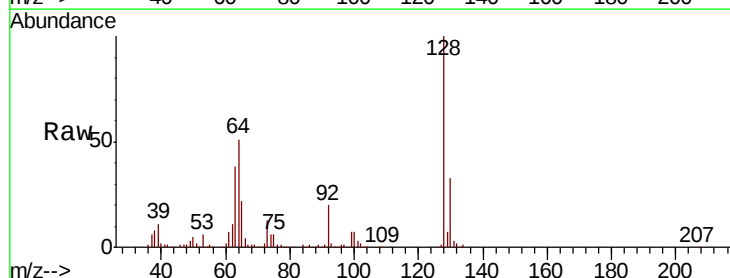
RT: 7.16 min Scan# 710

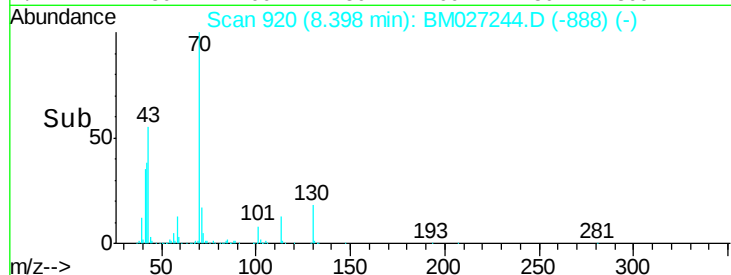
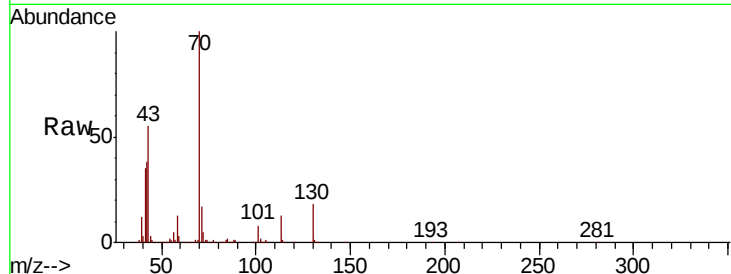
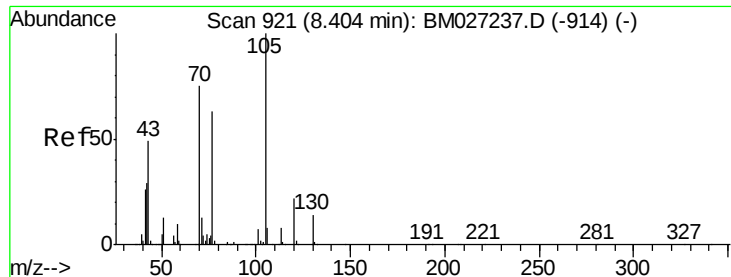
Delta R.T. -0.01 min

Lab File: BM027244.D

Acq: 26 Aug 2020 12:09

Tgt Ion:	128	Resp:	242920
Ion	Ratio	Lower	Upper
128	100		
64	51.1	39.2	58.8
130	32.8	26.8	40.2





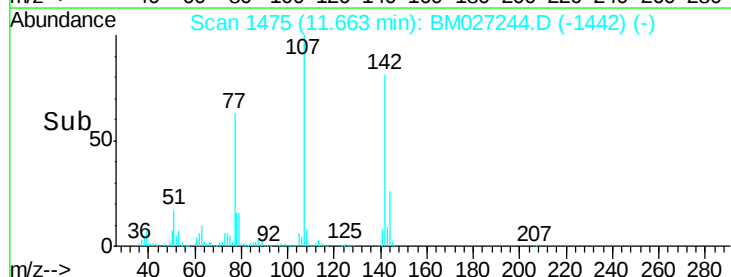
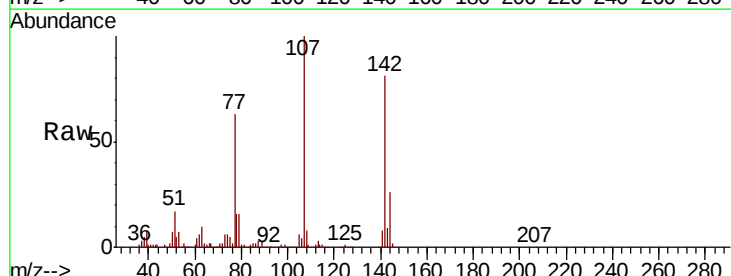
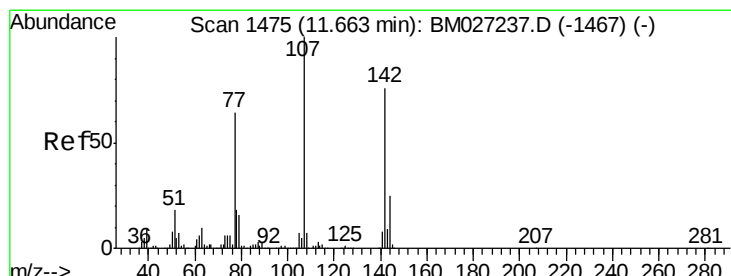
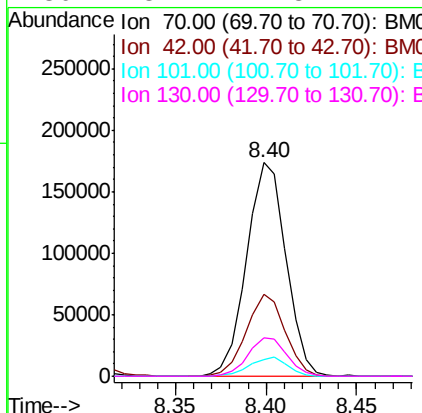
#15
N-Nitroso-di-n-propylamine
Concen: 22.587 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM027244.D
Acq: 26 Aug 2020 12:09

Instrument :
BNA_M
ClientSampleId :
DBFR5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		261950		
42	38.1	30.9	46.3		
101	8.0	7.4	11.2		
130	18.1	14.8	22.2		

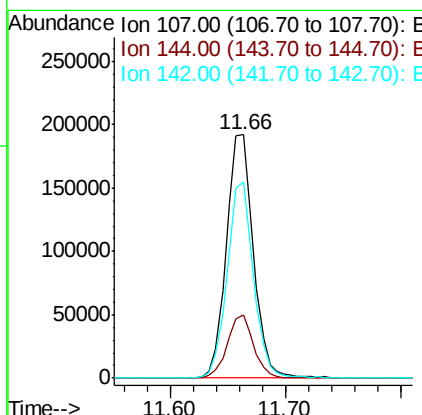
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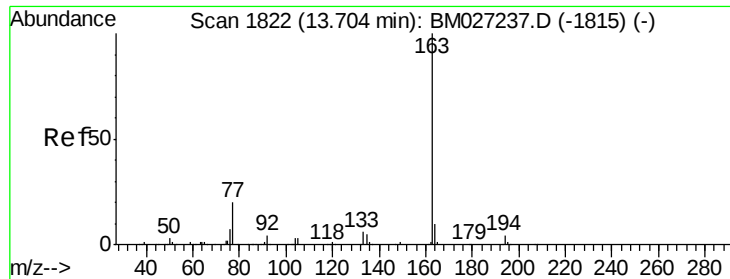
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#33
4-Chloro-3-methylphenol
Concen: 21.369 ng/ul
RT: 11.66 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BM027244.D
Acq: 26 Aug 2020 12:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		311725		
144	26.0	20.7	31.1		
142	80.5	61.1	91.7		





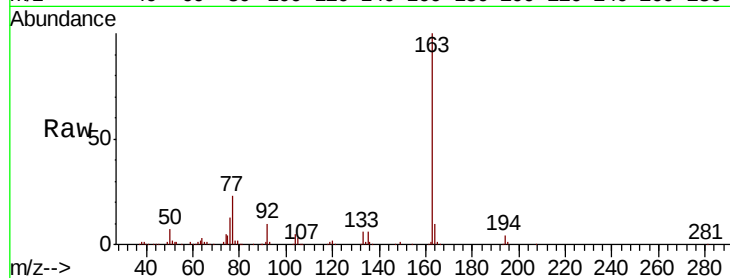
#45
Dimethylphthalate
Concen: 5.417 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM027244.D
Acq: 26 Aug 2020 12:09

Instrument :
BNA_M
ClientSampleId :
DBFR5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		232699		
194	4.3		3.5	5.3	
164	10.0		8.2	12.2	

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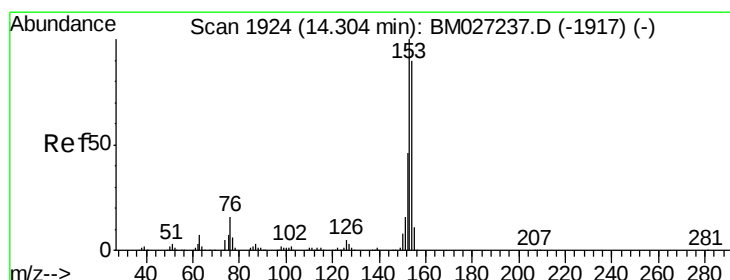
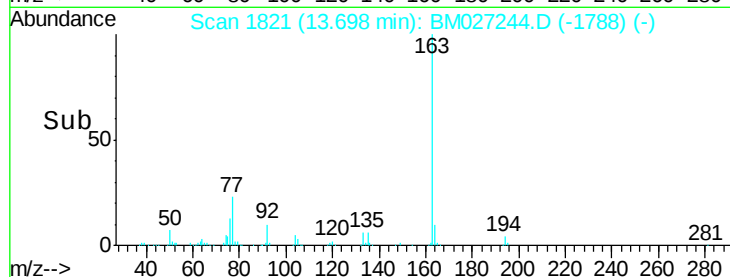
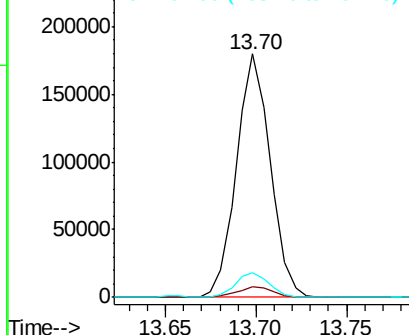


Abundance

Ion 163.00 (162.70 to 163.70): E

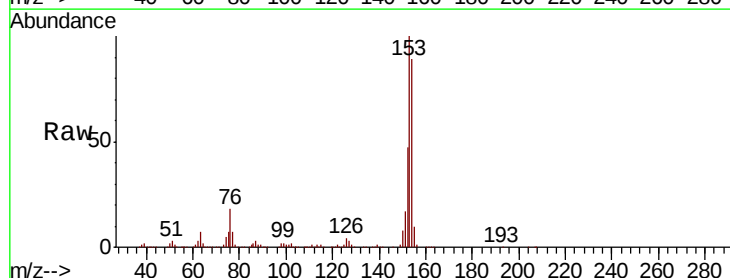
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 21.499 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM027244.D
Acq: 26 Aug 2020 12:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100		736835		
152	46.6		37.4	56.2	
154	88.8		70.2	105.4	

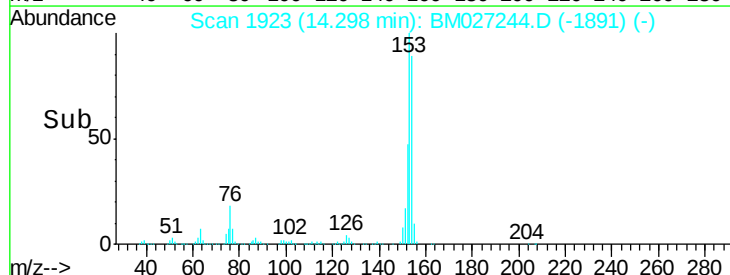
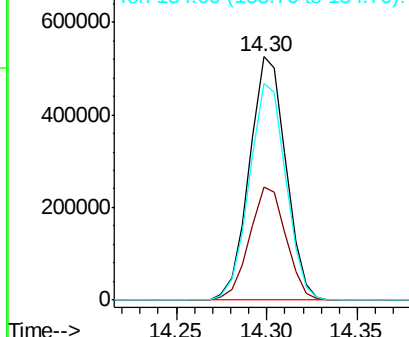


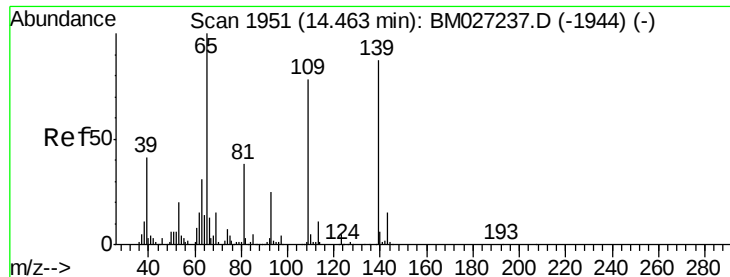
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 24.776 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM027244.D

Acq: 26 Aug 2020 12:09

Instrument :

BNA_M

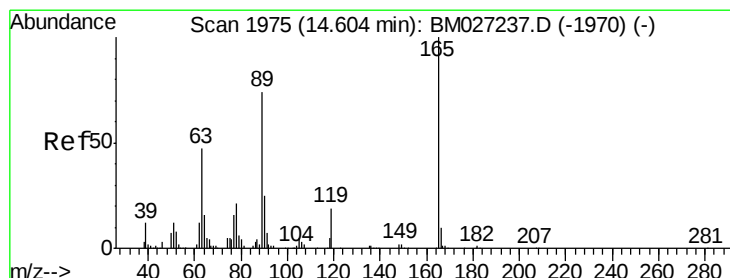
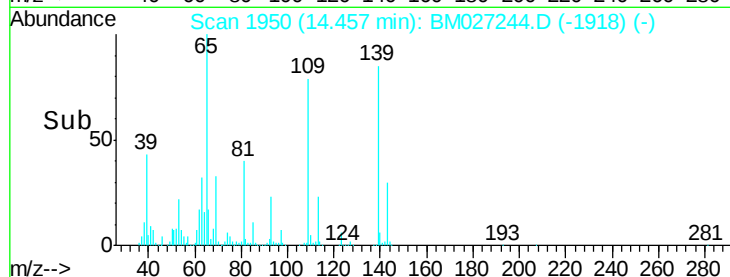
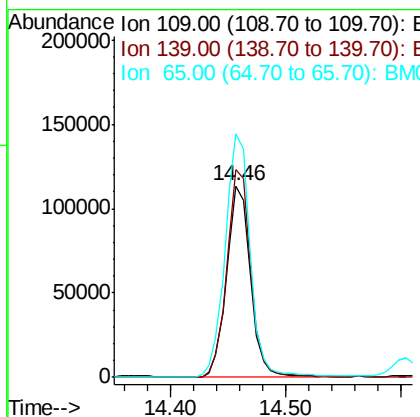
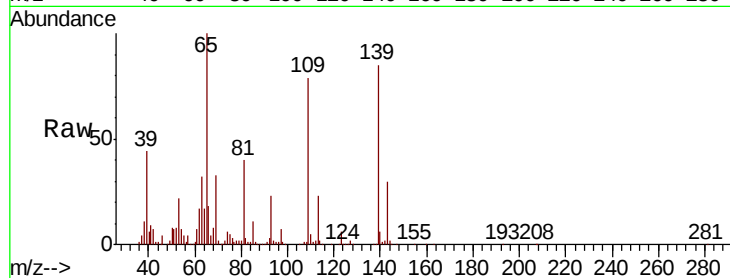
ClientSampleId :

DBFR5MSD

Tot Ion:	109	Resp:	163962
Ion Ratio	Lower	Upper	
109	100		
139	108.6	86.1	129.1
65	127.1	101.7	152.5

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#55

2,4-Dinitrotoluene

Concen: 23.129 ng/ul

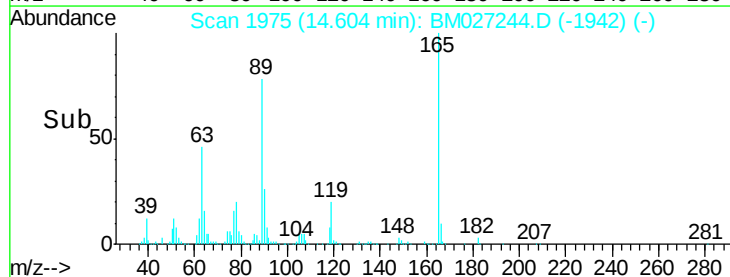
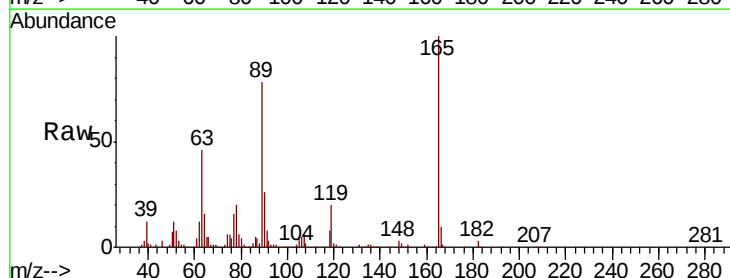
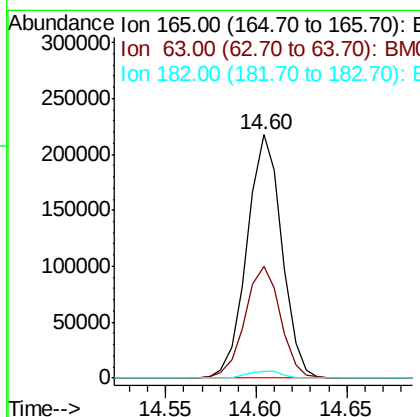
RT: 14.60 min Scan# 1975

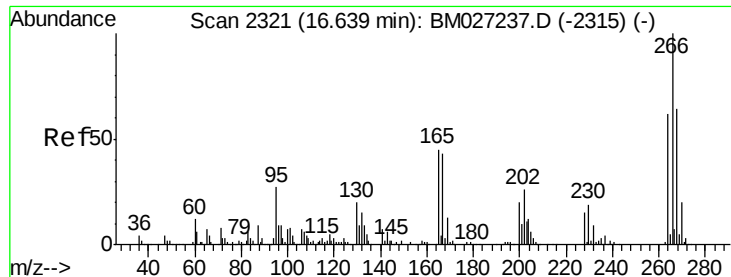
Delta R.T. -0.01 min

Lab File: BM027244.D

Acq: 26 Aug 2020 12:09

Tgt Ion:	165	Resp:	291499
Ion Ratio	Lower	Upper	
165	100		
63	46.2	38.0	57.0
182	2.6	2.4	3.6





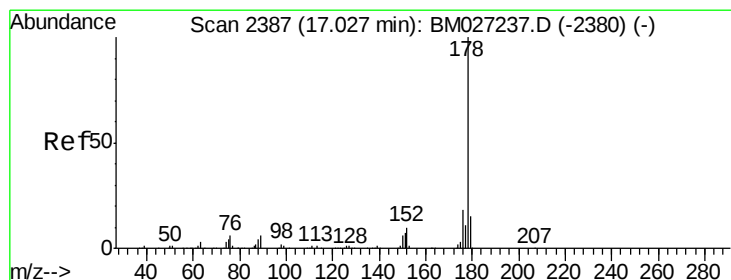
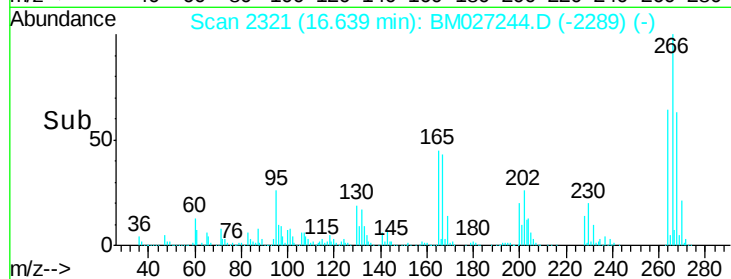
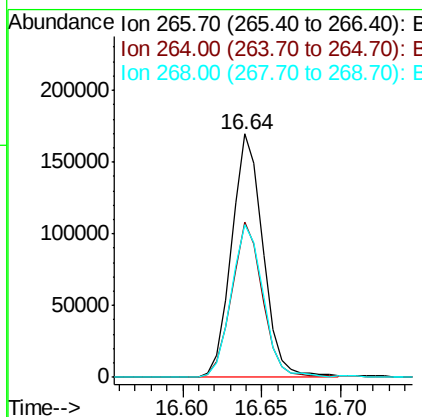
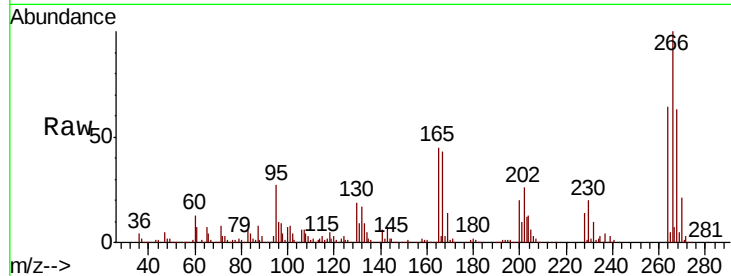
#69
 Pentachlorophenol
 Concen: 23.694 ng/ul
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM027244.D
 Acq: 26 Aug 2020 12:09

Instrument :
 BNA_M
 ClientSampleId :
 DBFR5MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	233286		
264	64.0	49.8	74.8	
268	62.5	50.3	75.5	

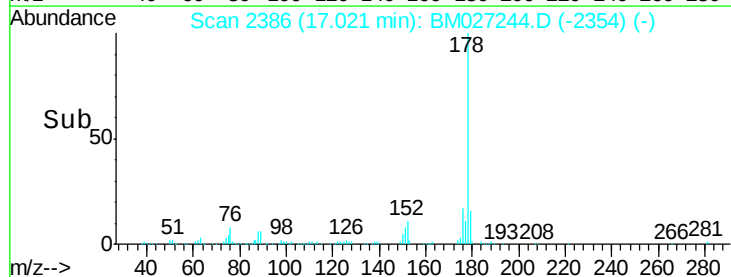
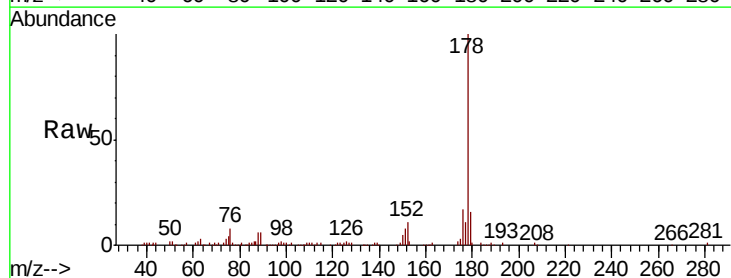
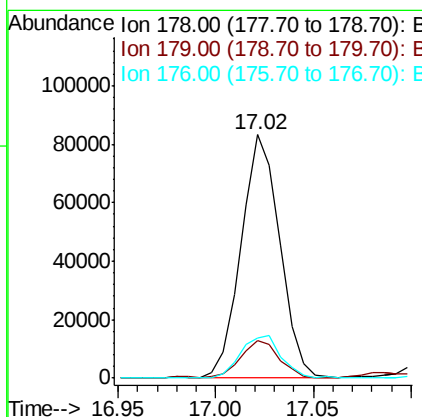
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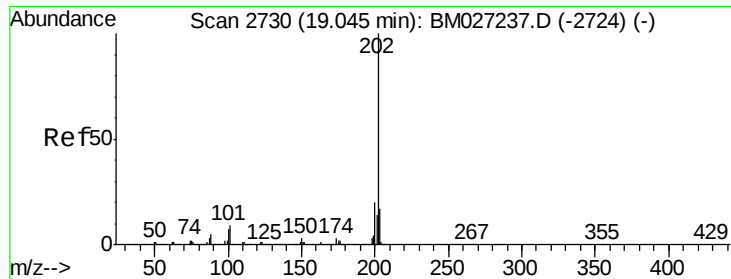
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#70
 Phenanthrene
 Concen: 1.698 ng/ul
 RT: 17.02 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BM027244.D
 Acq: 26 Aug 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	113537		
179	15.5	12.0	18.0	
176	16.7	14.6	22.0	





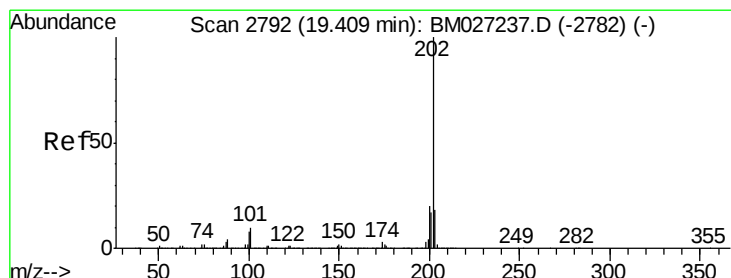
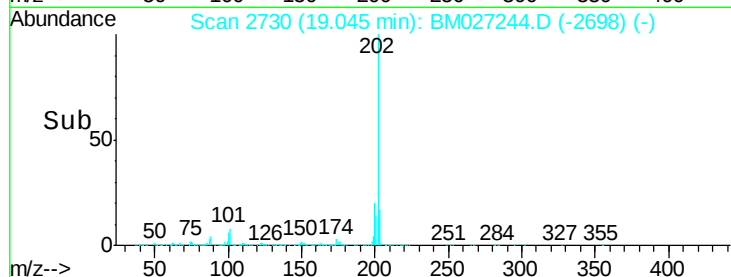
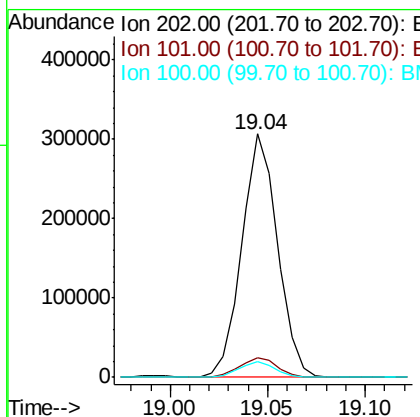
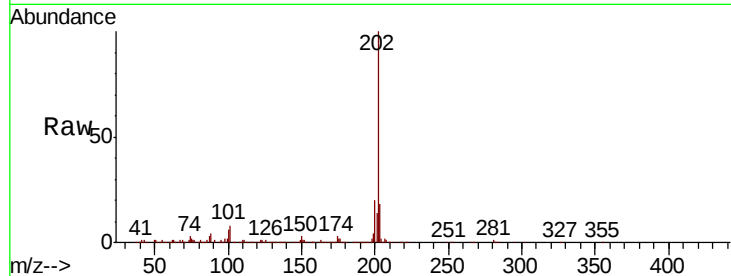
#77
Fluoranthene
 Concen: 4.842 ng/ul
 RT: 19.04 min Scan# 2730
 Delta R.T. -0.01 min
 Lab File: BM027244.D
 Acq: 26 Aug 2020 12:09

Instrument :
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 DBFR5MSD

Tot Ion:	202	Resp:	387859
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.4	9.6
100	6.5	5.0	7.6

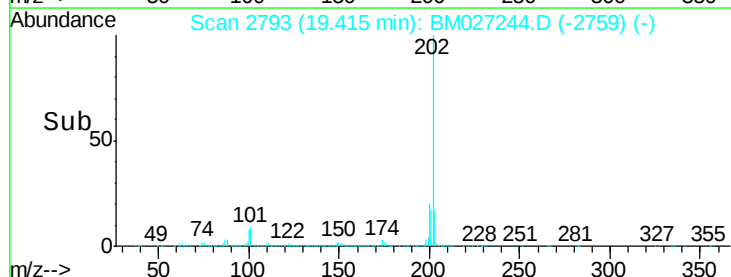
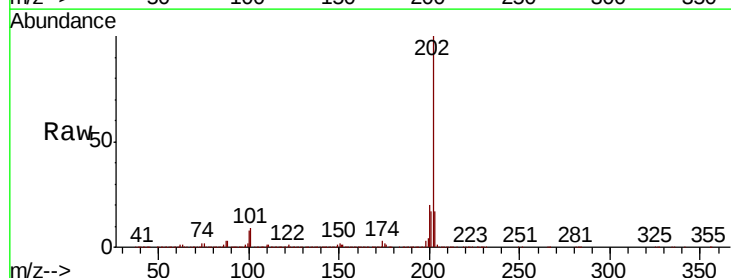
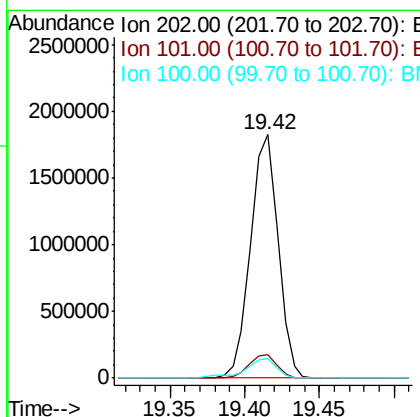
Manual Integrations
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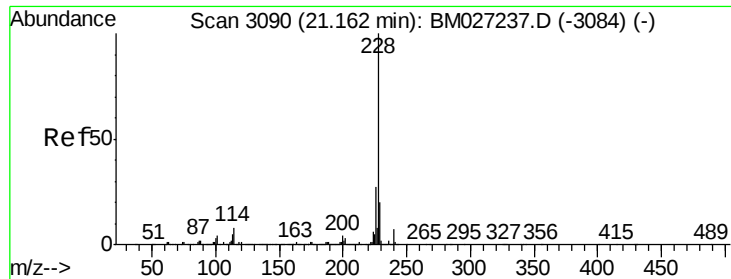
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#80
Pyrene
 Concen: 25.656 ng/ul
 RT: 19.42 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BM027244.D
 Acq: 26 Aug 2020 12:09

Tgt Ion:	202	Resp:	2331244
Ion Ratio	Lower	Upper	
202	100		
101	9.4	8.0	12.0
100	8.0	6.8	10.2





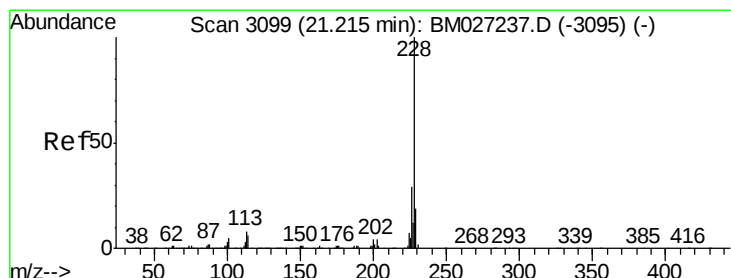
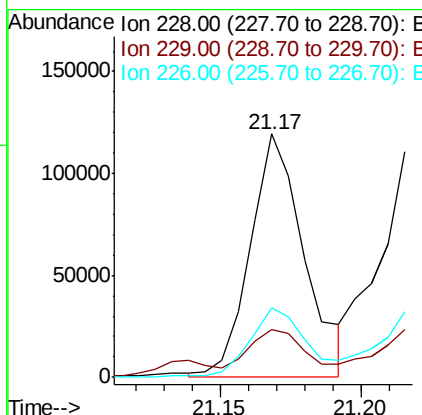
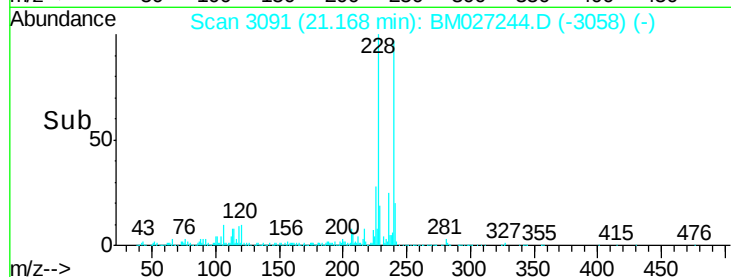
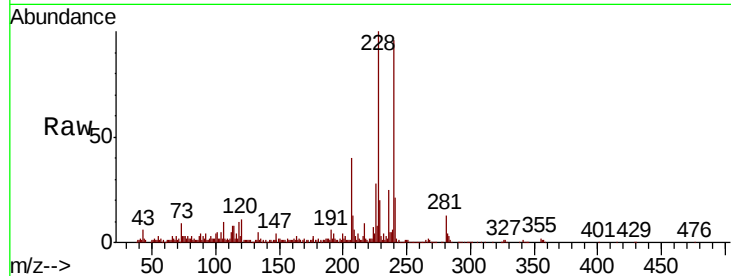
#83
Benzo(a)anthracene
Concen: 2.016 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM027244.D
Acq: 26 Aug 2020 12:09

Instrument :
BNA_M
ClientSampleId :
DBFR5MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.5	23.3
226	28.5	21.1	31.7

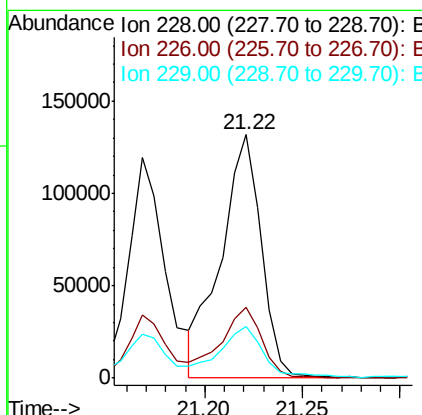
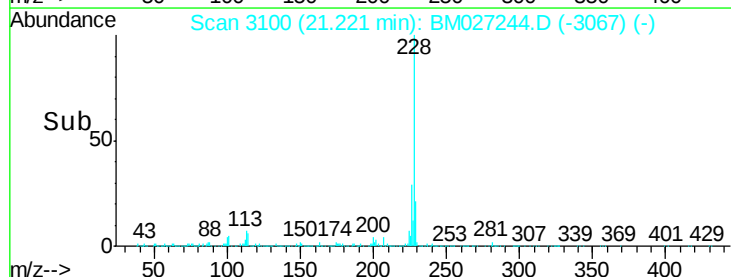
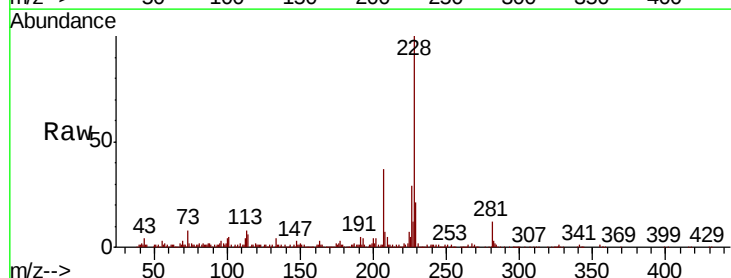
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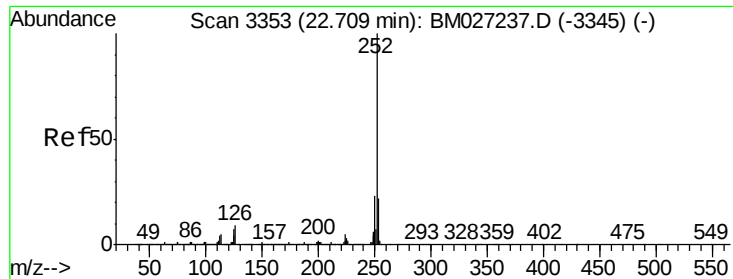
mohammad
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#85
Chrysene
Concen: 2.518 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM027244.D
Acq: 26 Aug 2020 12:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.1	34.7
229	21.1	15.5	23.3





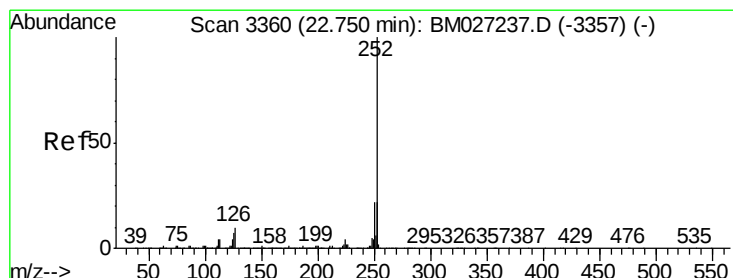
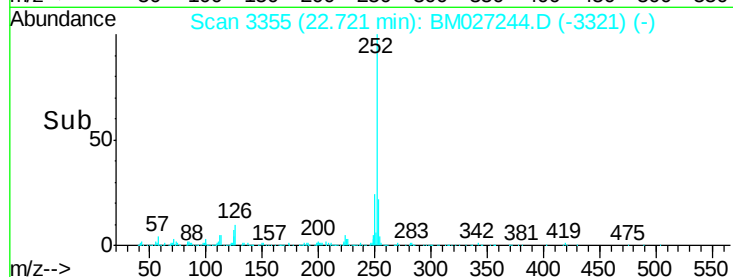
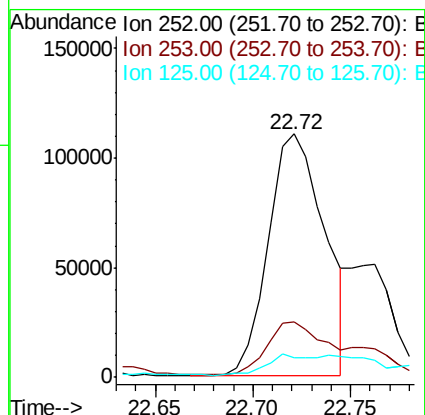
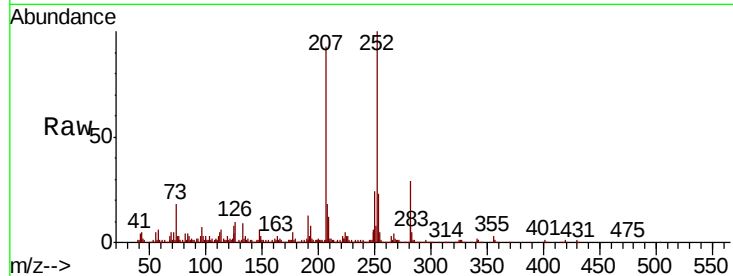
#88
Benzo(b)fluoranthene
Concen: 3.315 ng/uL
RT: 22.72 min Scan# 3353
Delta R.T. 0.00 min
Lab File: BM027244.D
Acq: 26 Aug 2020 12:09

Instrument :
BNA_M
ClientSampleId :
DBFR5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	8.0	5.6	8.4

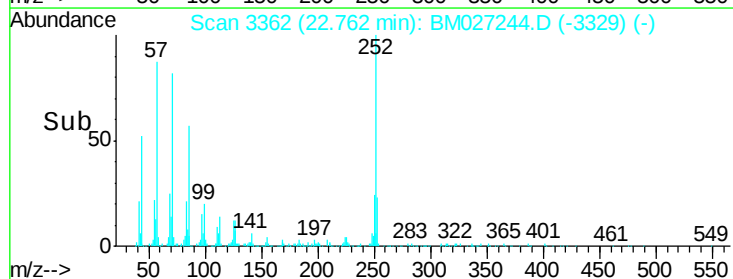
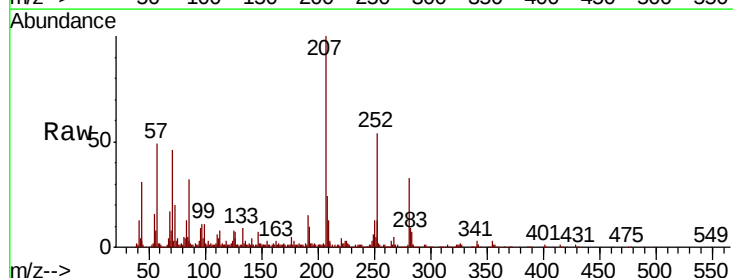
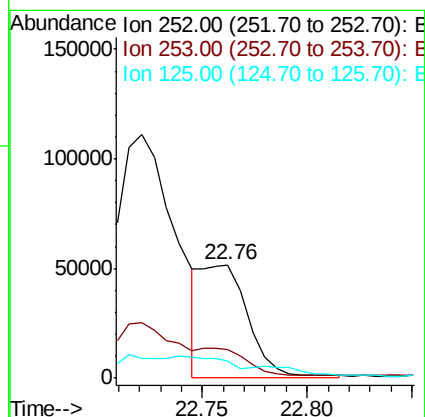
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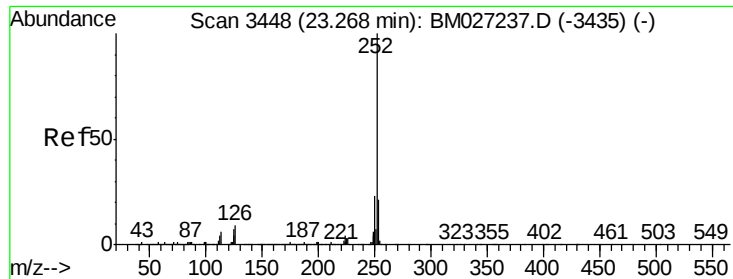
mohammad
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#89
Benzo(k)fluoranthene
Concen: 1.290 ng/uL m
RT: 22.76 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM027244.D
Acq: 26 Aug 2020 12:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.2
125	14.6	5.2	7.8#





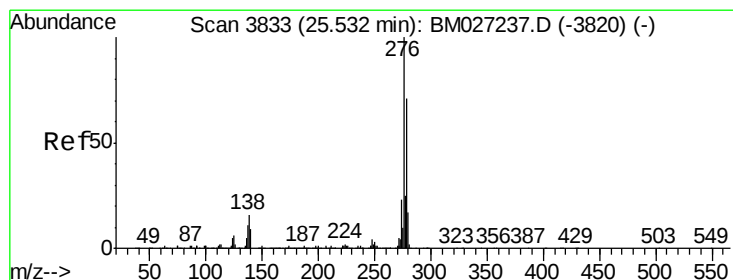
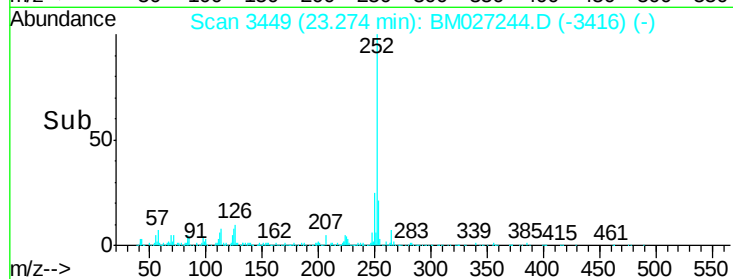
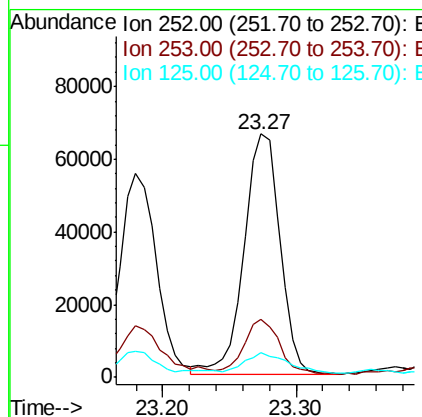
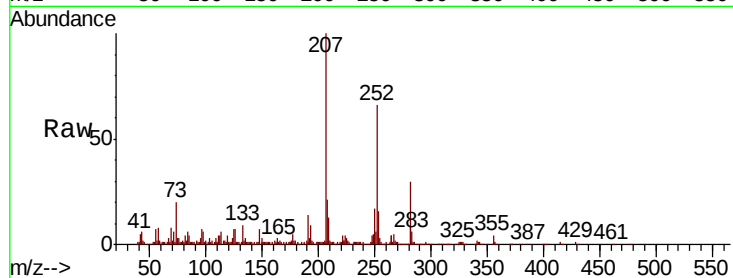
#91
Benzo(a)pyrene
Concen: 2.100 ng/ul
RT: 23.27 min Scan# 3449
Delta R.T. -0.01 min
Lab File: BM027244.D
Acq: 26 Aug 2020 12:09

Instrument :
BNA_M
ClientSampleId :
DBFR5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.4
125	10.2	6.0	9.0

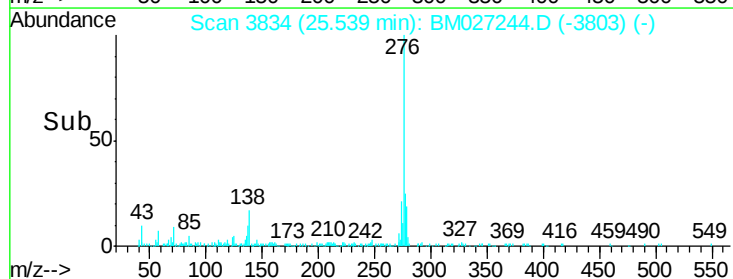
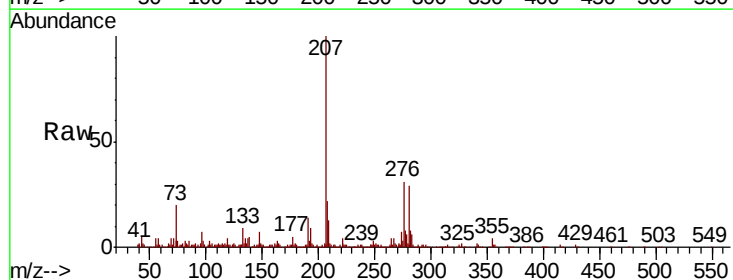
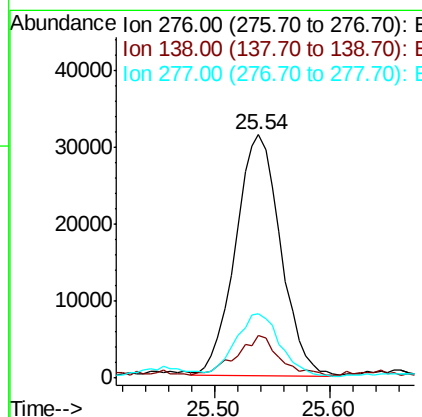
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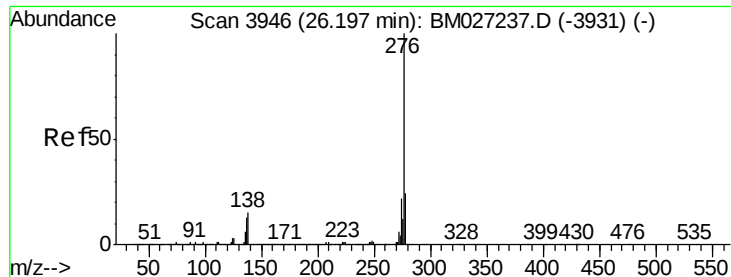
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.267 ng/ul
RT: 25.54 min Scan# 3834
Delta R.T. -0.02 min
Lab File: BM027244.D
Acq: 26 Aug 2020 12:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.3	19.9
277	26.7	20.2	30.2





#94
 Benzo(a,h,i)perylene
 Concen: 1.482 ng/ul
 RT: 26.20 min Scan# 3946
 Delta R.T. -0.02 min
 Lab File: BM027244.D
 Acq: 26 Aug 2020 12:09

Instrument :
 BNA_M
 ClientSampleId :
 DBFR5MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	11.0	16.4#
277	24.6	18.7	28.1

Manual Integrations
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