

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082120\
 Data File : BM027183.D
 Acq On : 21 Aug 2020 23:18
 Operator : JU/CG
 Sample : L3729-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3-(2-3)

Manual Integrations
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Sohil
 8/24/2020 1:48:41 PM

Quant Time: Sep 01 11:30:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 15:18:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	120271	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	453369	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	289819	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	640112	20.00	ng	0.00
76) Chrysene-d12	21.19	240	676324	20.00	ng	0.00
86) Perylene-d12	23.38	264	725775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	595004	96.44	ng	0.00
7) Phenol-d6	6.80	99	823117	97.17	ng	0.00
23) Nitrobenzene-d5	8.76	82	615114	55.98	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	378488	80.65	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1276354	57.85	ng	0.00
79) Terphenyl-d14	19.64	244	1973999	54.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	157330	6.686	ng	99
78) Pyrene	19.42	202	163766	3.979	ng	98
88) Benzo(b)fluoranthene	22.73	252	126238m	2.608	ng	
90) Benzo(a)pyrene	23.28	252	92466	2.093	ng	# 95
92) Benzo(g,h,i)perylene	26.22	276	124871	2.742	ng	98

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

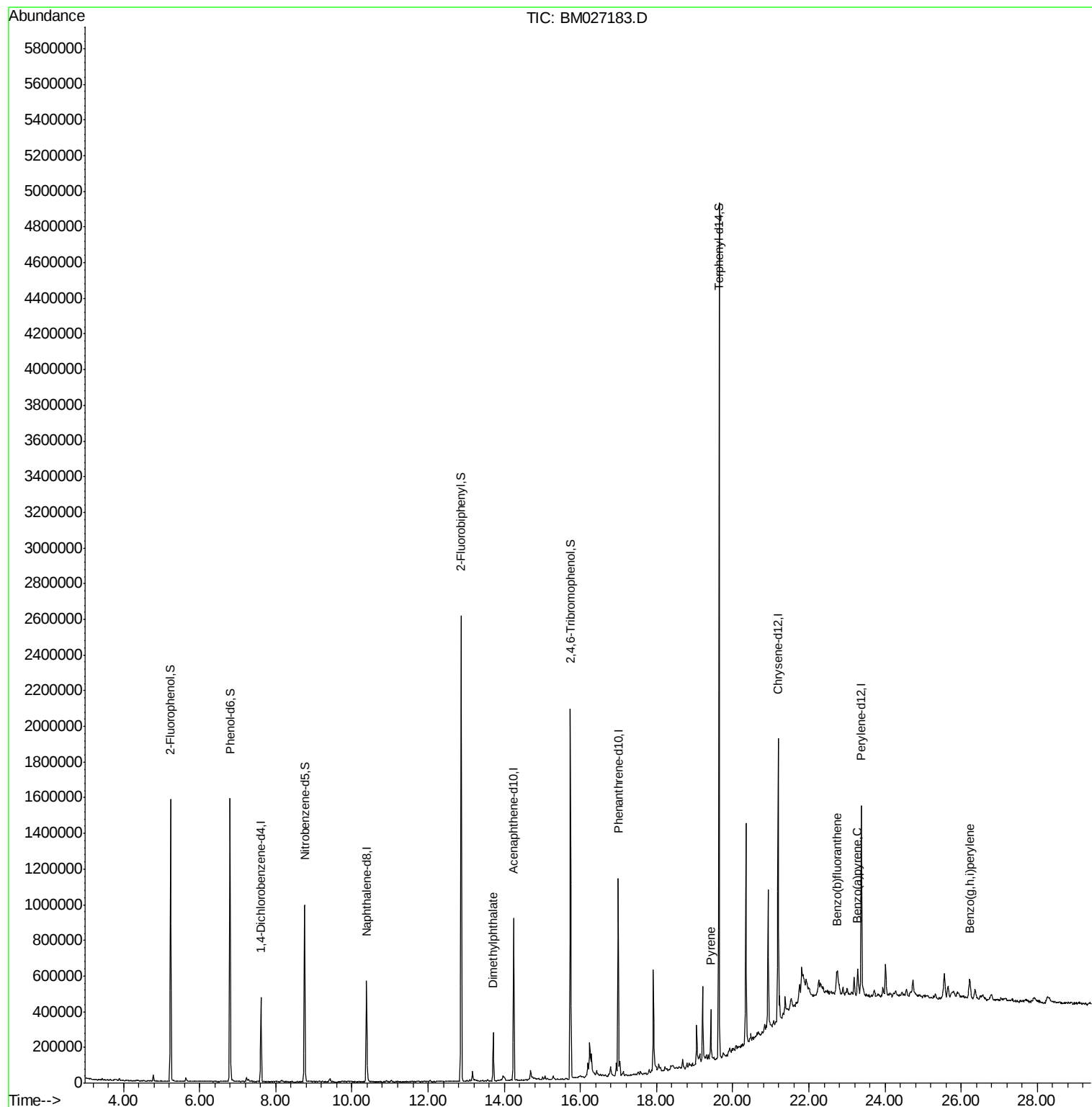
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082120\
Data File : BM027183.D
Acq On : 21 Aug 2020 23:18
Operator : JU/CG
Sample : L3729-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

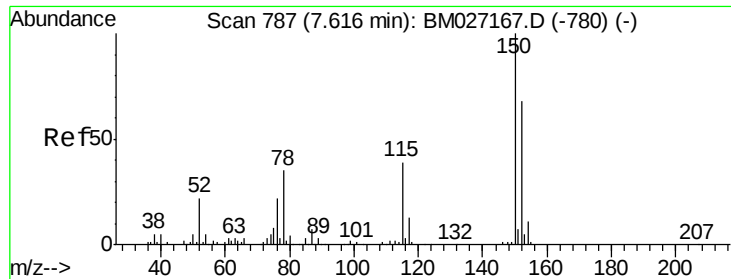
Instrument :
BNA_M
ClientSampleId :
COMP-3-(2-3)

Manual Integrations
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Quant Time: Sep 01 11:30:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 15:18:25 2020
Response via : Initial Calibration





#1

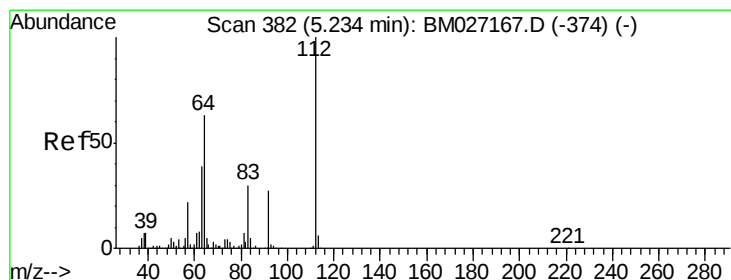
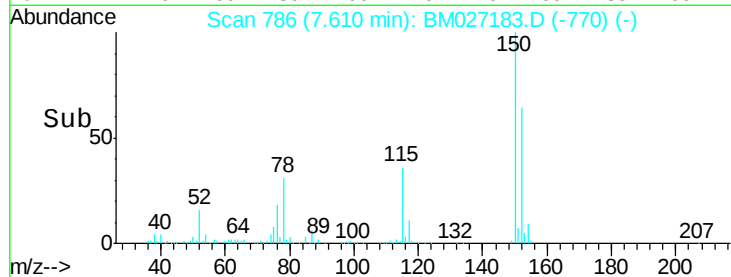
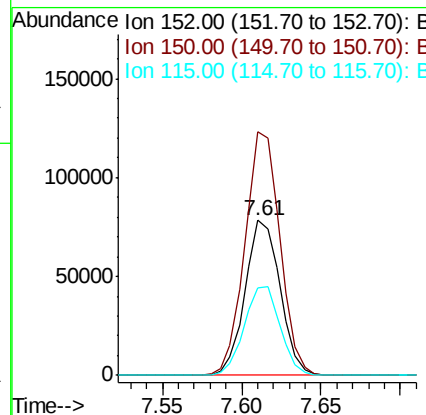
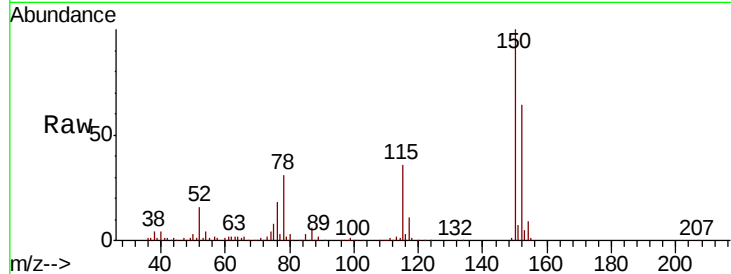
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM027183.D
Acq: 21 Aug 2020 23:18

Instrument :
BNA_M
ClientSampleId :
COMP-3-(2-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	118.2	177.4
115	56.8	46.1	69.1

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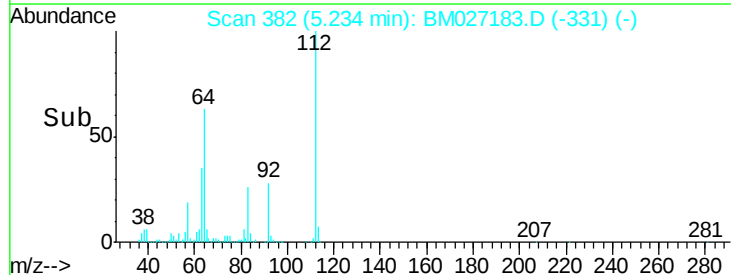
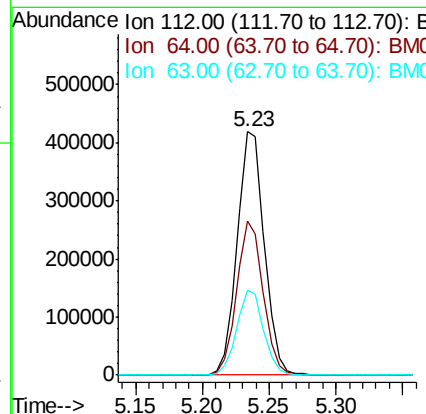
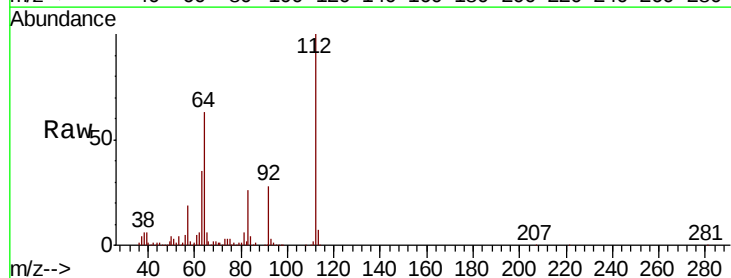
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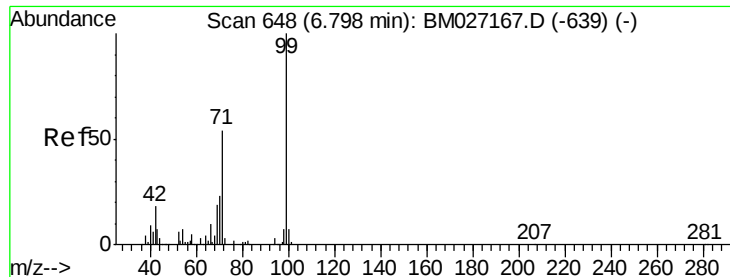


#5

2-Fluorophenol
Concen: 96.443 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM027183.D
Acq: 21 Aug 2020 23:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	50.0	75.0
63	35.0	31.6	47.4





#7

Phenol-d6

Concen: 97.172 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Instrument :

BNA_M

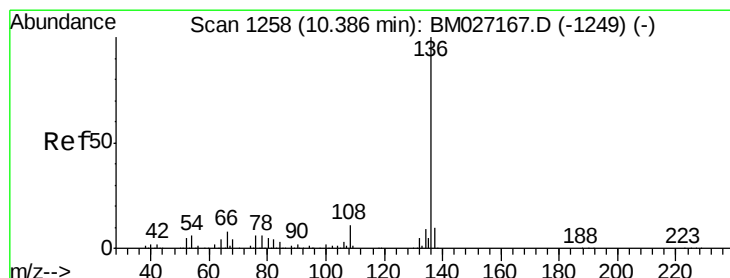
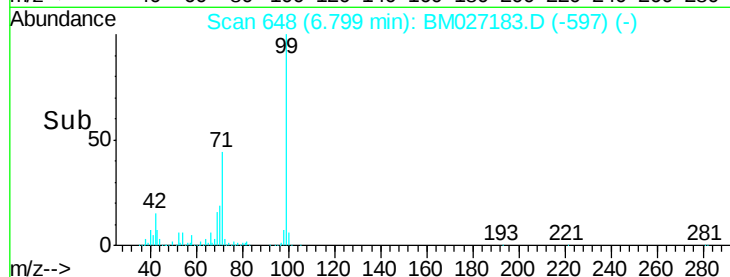
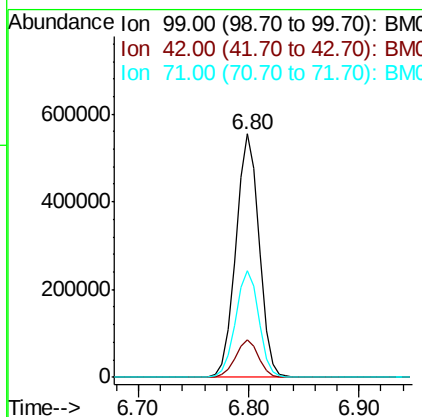
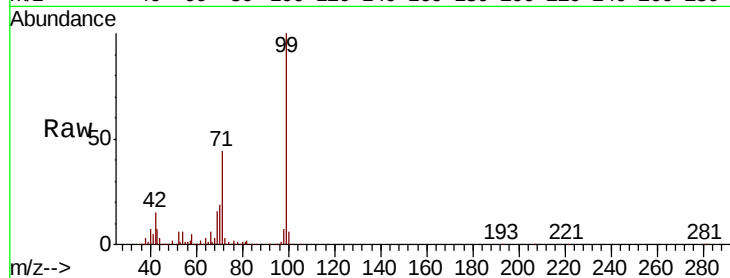
ClientSampleId :

COMP-3-(2-3)

Tot Ion:	99	Resp:	823117
Ion Ratio	Lower	Upper	
99	100		
42	15.2	14.5	21.7
71	43.8	43.0	64.4

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#21

Naphthalene-d8

Concen: 20.000 ng

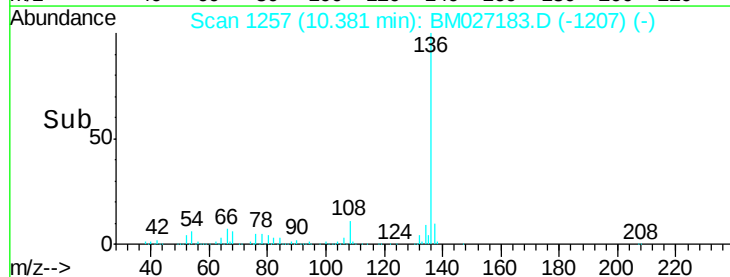
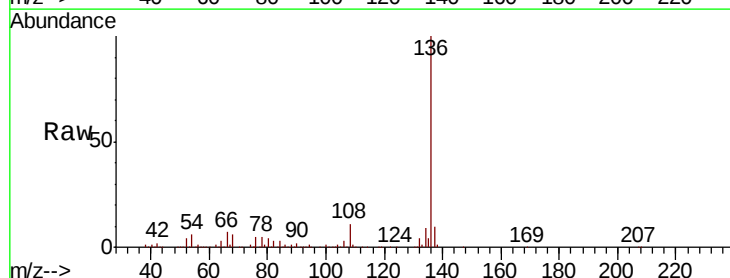
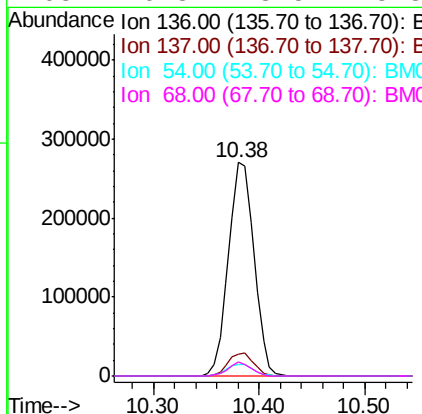
RT: 10.38 min Scan# 1257

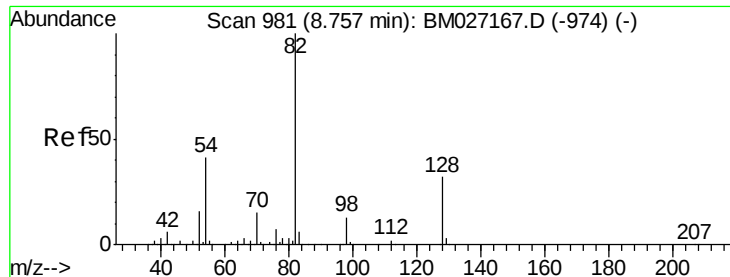
Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Tgt Ion:	136	Resp:	453369
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.2	12.4
54	5.6	4.8	7.2
68	6.3	3.5	5.3#





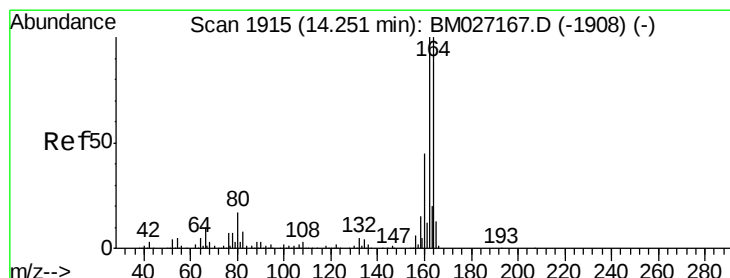
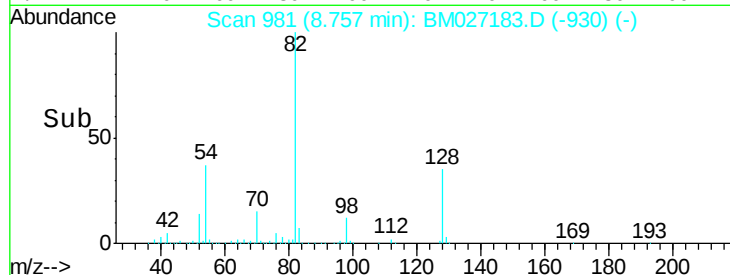
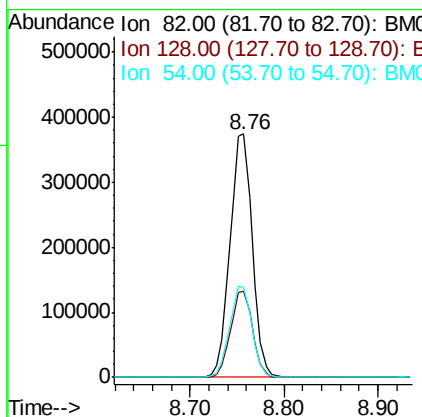
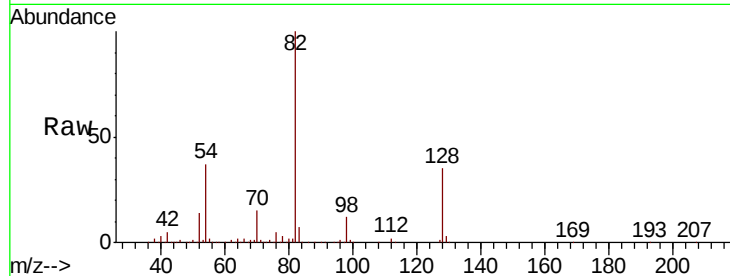
#23
Nitrobenzene-d5
Concen: 55.976 ng
RT: 8.76 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM027183.D
Acq: 21 Aug 2020 23:18

Instrument :
BNA_M
ClientSampleId :
COMP-3-(2-3)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	615114		
128	35.2	25.7	38.5	
54	36.7	33.0	49.4	

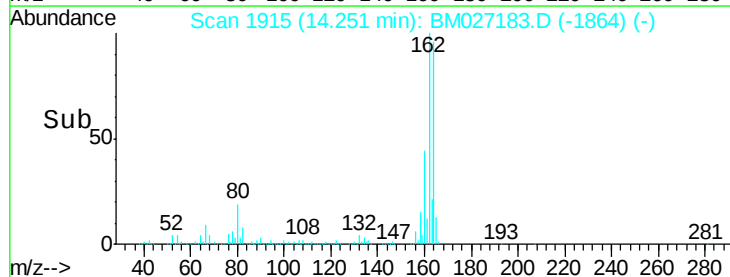
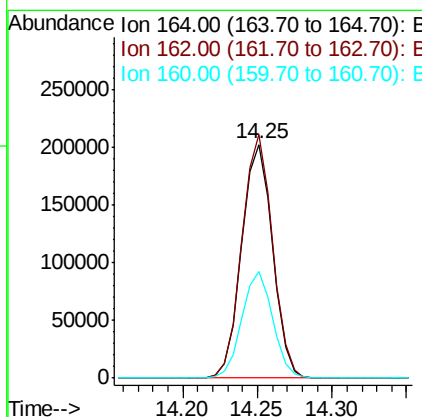
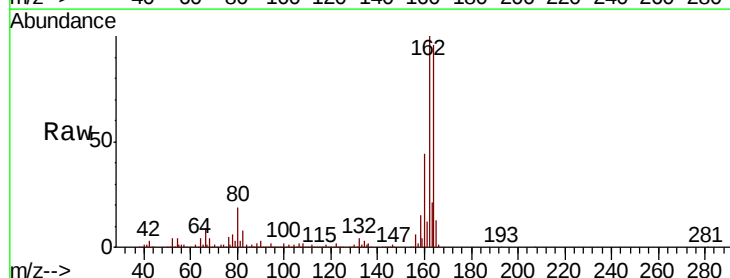
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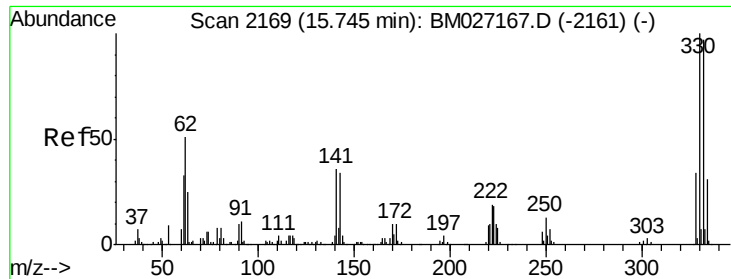
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BM027183.D
Acq: 21 Aug 2020 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	289819		
162	104.3	80.2	120.4	
160	45.5	36.3	54.5	





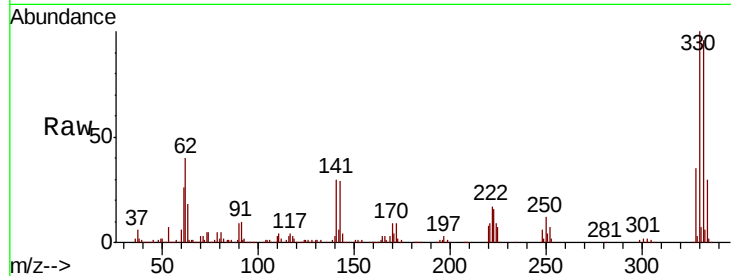
#42
 2,4,6-Tribromophenol
 Concen: 80.647 ng
 RT: 15.75 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BM027183.D
 Acq: 21 Aug 2020 23:18

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3-(2-3)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	378488		
332	96.1	77.2	115.8	
141	33.5	31.0	46.6	

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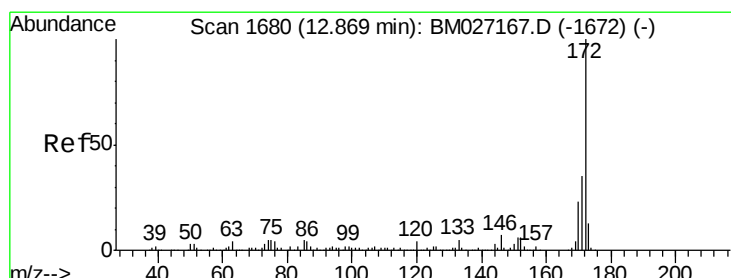
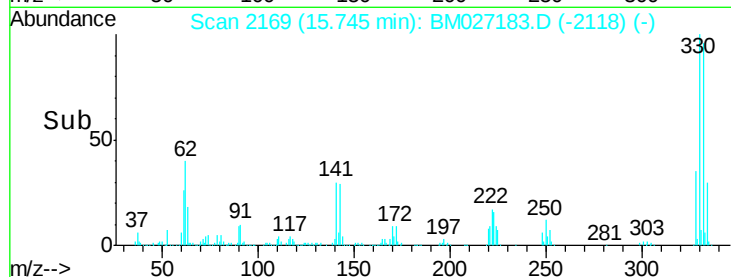
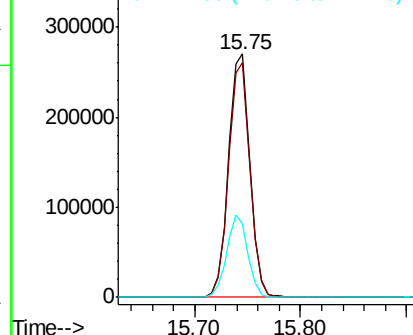


Abundance

Ion 329.80 (329.50 to 330.50): E

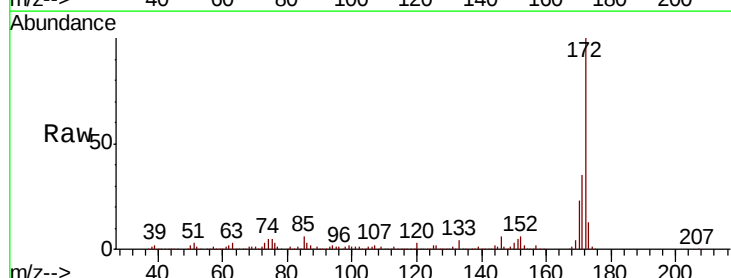
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 57.851 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BM027183.D
 Acq: 21 Aug 2020 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1276354		
171	35.4	28.1	42.1	
170	23.0	18.6	28.0	

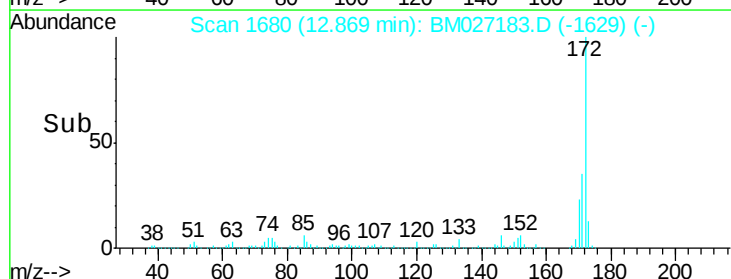
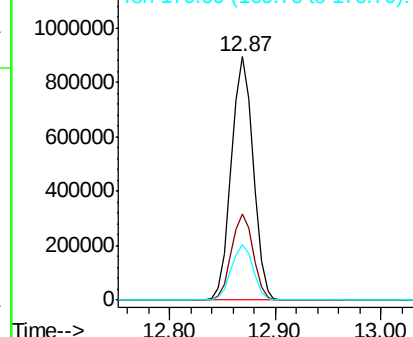


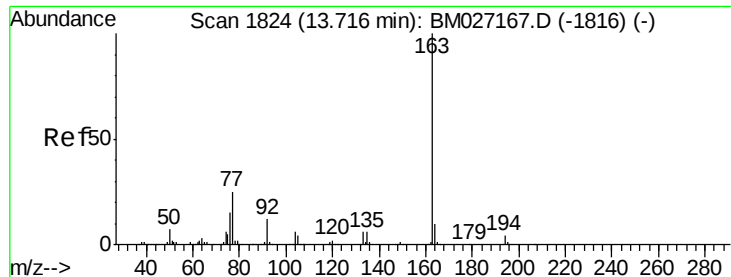
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





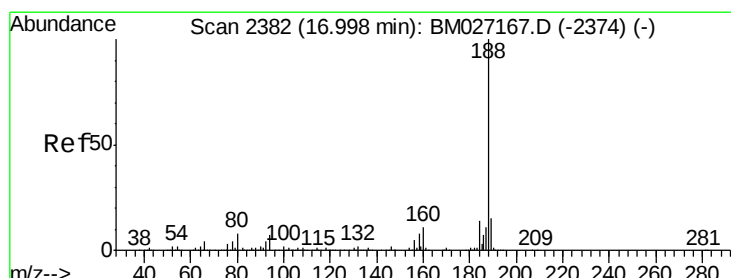
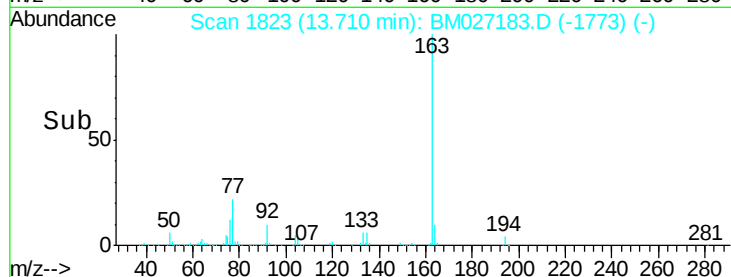
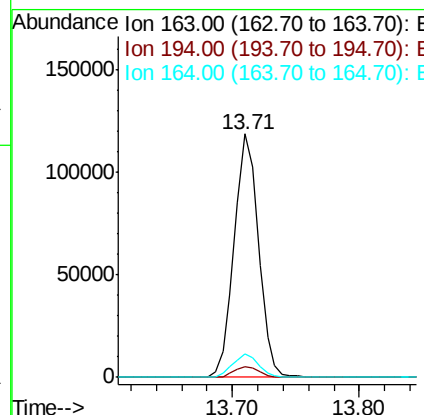
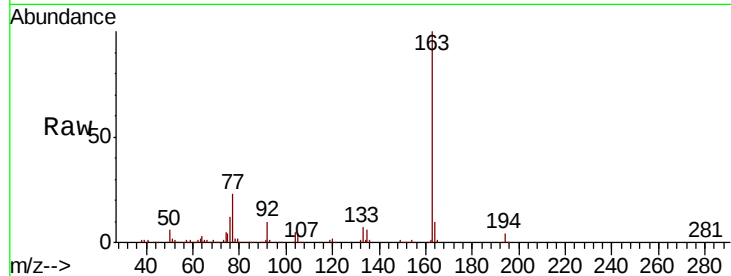
#50
Dimethylphthalate
Concen: 6.686 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM027183.D
Acq: 21 Aug 2020 23:18

Instrument :
BNA_M
ClientSampleId :
COMP-3-(2-3)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	157330		
194	4.4	3.4	5.2	
164	9.9	8.2	12.2	

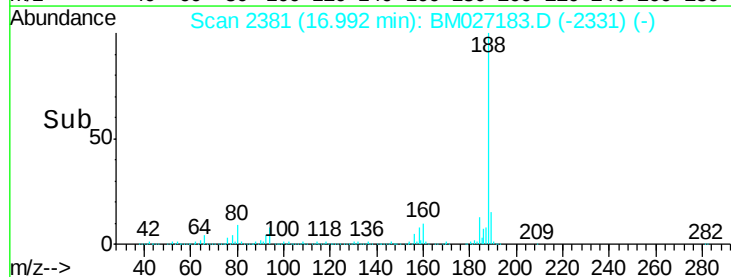
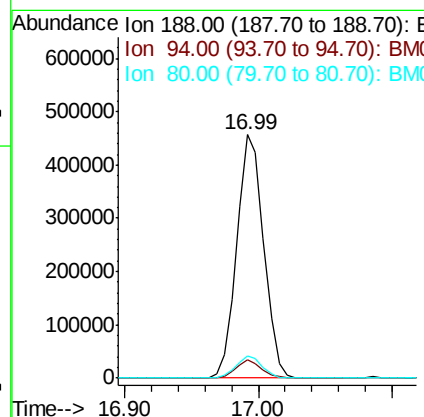
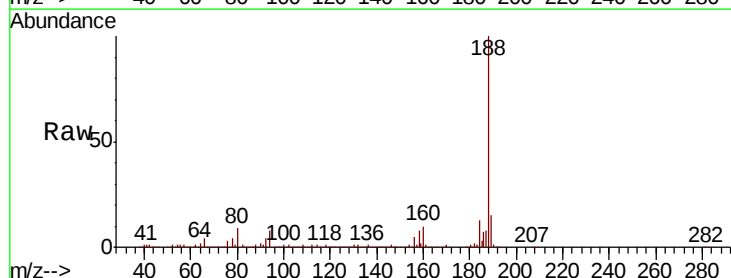
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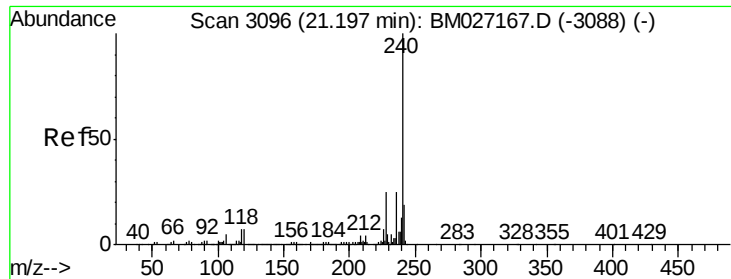
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM027183.D
Acq: 21 Aug 2020 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	640112		
94	7.6	5.5	8.3	
80	9.2	6.2	9.4	





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Instrument :

BNA_M

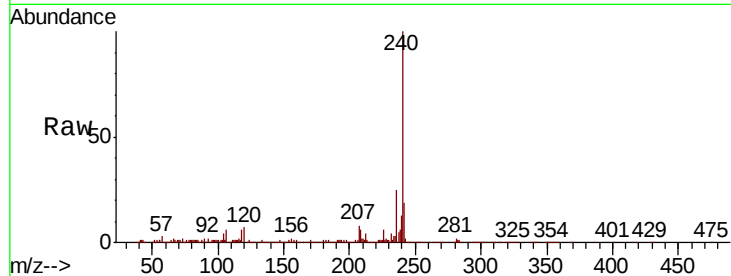
ClientSampleId :

COMP-3-(2-3)

Tot Ion:	240	Resp:	676324
Ion Ratio		Lower	Upper
240	100		
120	7.2	5.6	8.4
236	25.5	19.8	29.6

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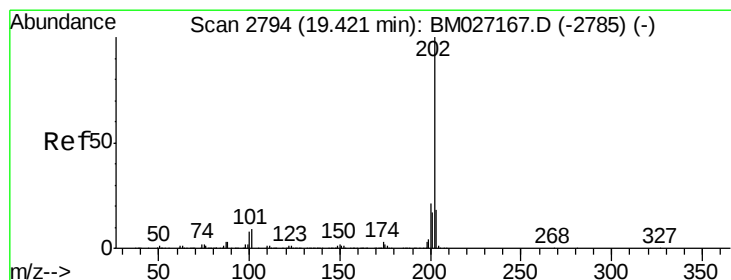
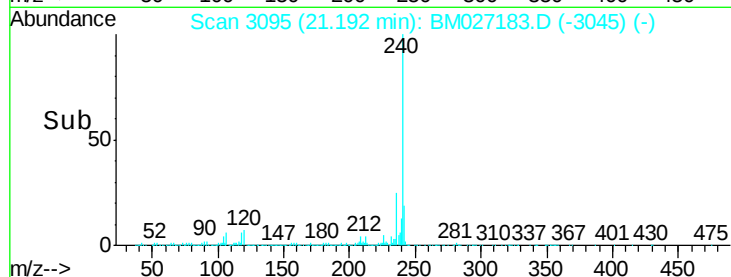
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

21.19

400000

200000

Time-->



#78

Pyrene

Concen: 3.979 ng

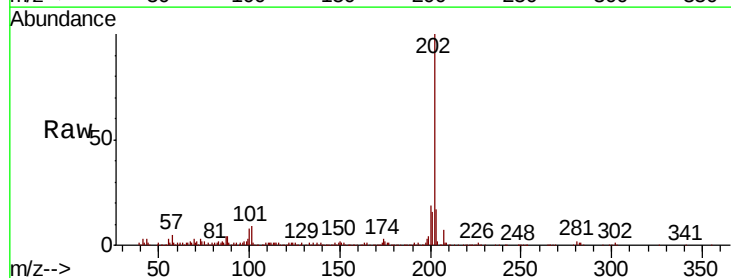
RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Tgt Ion:	202	Resp:	163766
Ion Ratio		Lower	Upper
202	100		
200	19.0	16.6	25.0
203	17.4	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

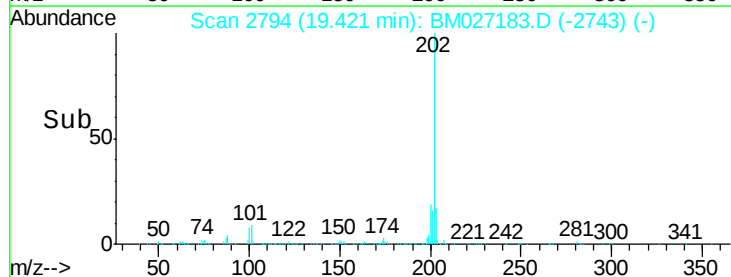
19.42

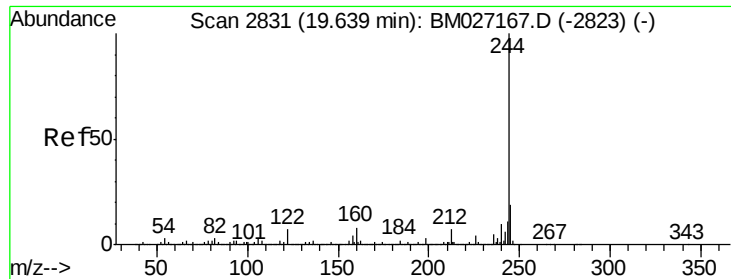
150000

100000

50000

Time-->





#79

Terphenyl-d14

Concen: 54.523 ng

RT: 19.64 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Instrument :

BNA_M

ClientSampleId :

COMP-3-(2-3)

Tot Ion:244 Resp: 1973999

Ion Ratio Lower Upper

244 100

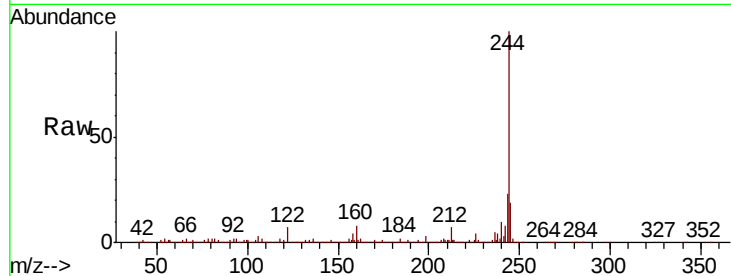
212 7.1 5.8 8.8

122 7.5 5.8 8.8

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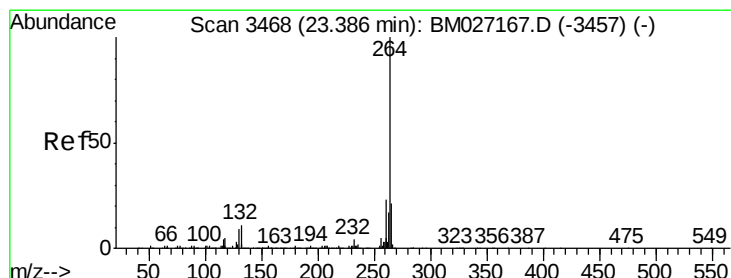
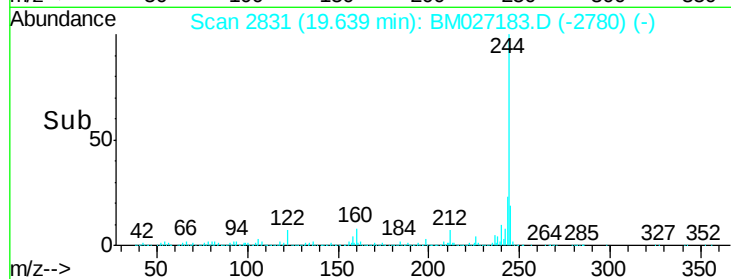
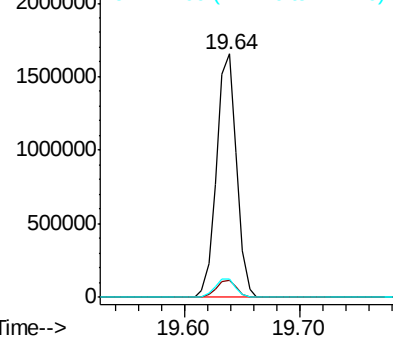
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

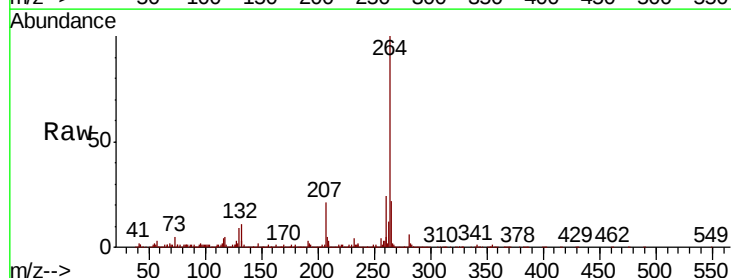
Tgt Ion:264 Resp: 725775

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

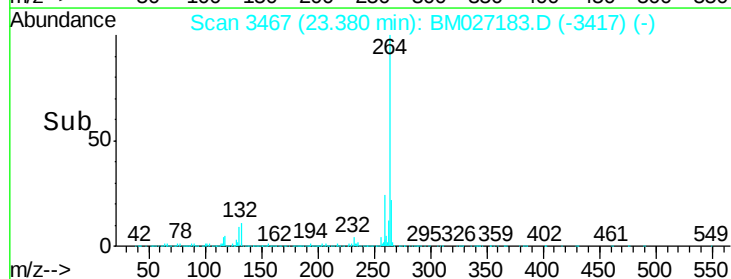
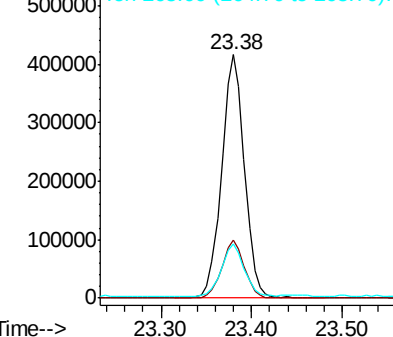
265 22.3 17.5 26.3

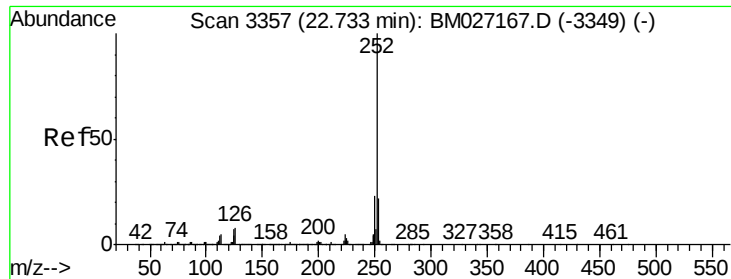


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.608 ng/mL

RT: 22.73 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Instrument :

BNA_M

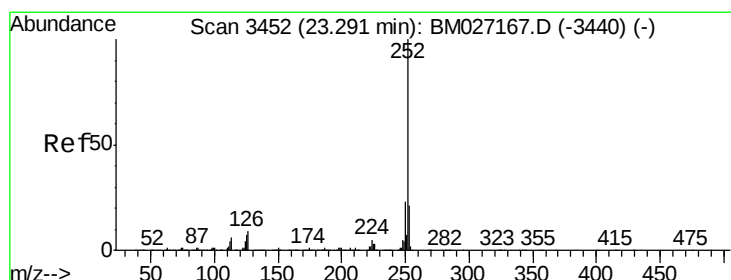
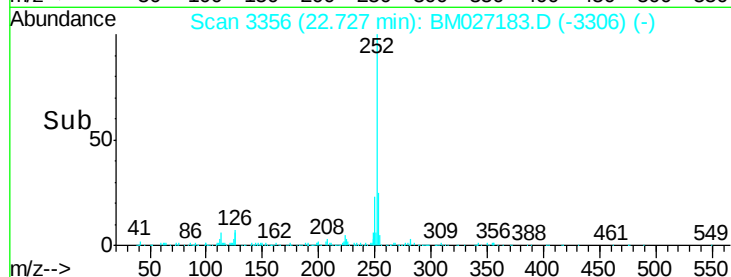
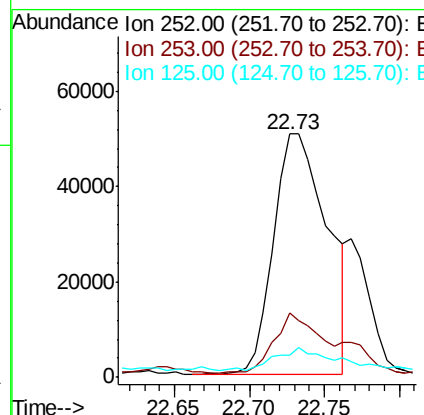
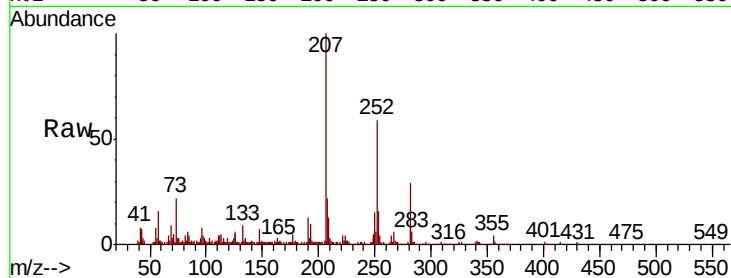
ClientSampleId :

COMP-3-(2-3)

Tot Ion:	252	Resp:	126238
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.7	26.5#
125	9.4	5.4	8.0#

Manual Integrations
APPROVED

Sohil
8/24/2020 1:48:41 PM



#90

Benzo(a)pyrene

Concen: 2.093 ng/mL

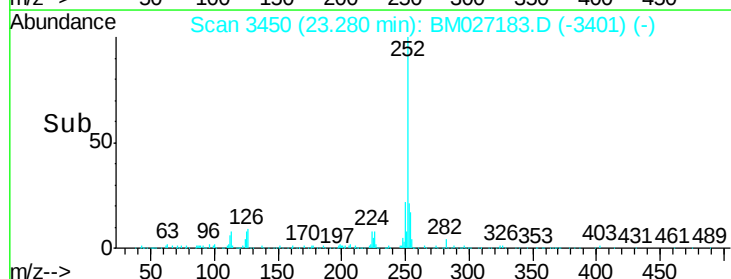
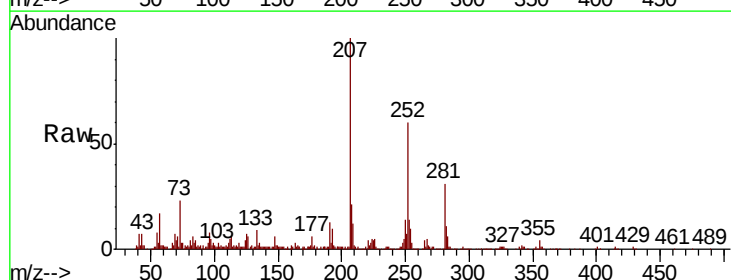
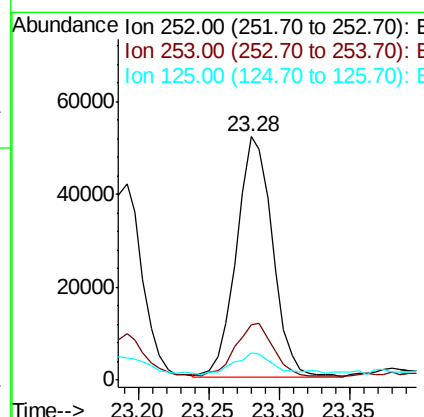
RT: 23.28 min Scan# 3450

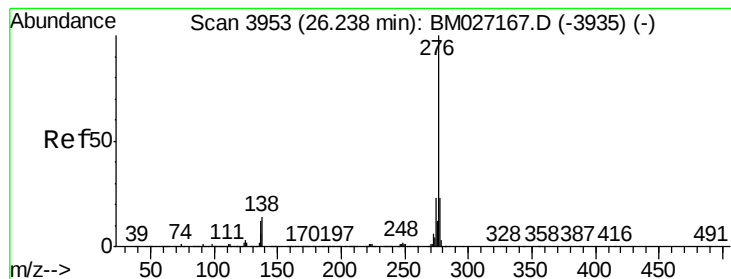
Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Tgt Ion:	252	Resp:	92466
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	11.2	5.8	8.6#





#92

Benzo(a,h,i)perylene

Concen: 2.742 ng

RT: 26.22 min Scan# 3950

Delta R.T. -0.02 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Instrument :

BNA_M

ClientSampleId :

COMP-3-(2-3)

Tot Ion:	276	Resp:	124871
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	12.4	11.4	17.0

Manual Integrations
APPROVED

Sohil
8/24/2020 1:48:41 PM

