

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
 Data File : BM020296.D
 Acq On : 12 May 2019 13:44
 Operator : JU/SJ
 Sample : K2766-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS006-1824-01

Manual Integrations
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Quant Time: May 13 05:37:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	60352	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	200996	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	119974	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	293107	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	324590	20.00	ng	-0.02
87) Perylene-d12	23.63	264	403320	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	462689	125.32	ng	-0.02
7) Phenol-d6	6.93	99	610022	120.94	ng	-0.02
23) Nitrobenzene-d5	8.93	82	413575	81.24	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	242033	129.97	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	767320	78.69	ng	-0.03
79) Terphenyl-d14	19.79	244	1319741	70.92	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	67056	6.576	ng	98
75) Fluoranthene	19.22	202	54689	2.671	ng	100
78) Pyrene	19.59	202	104881	4.813	ng	99
83) Chrysene	21.39	228	64617	2.927	ng	96
88) Benzo(b)fluoranthene	22.94	252	78954m	2.965	ng	
92) Benzo(g,h,i)perylene	26.66	276	59933	2.509	ng	98

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

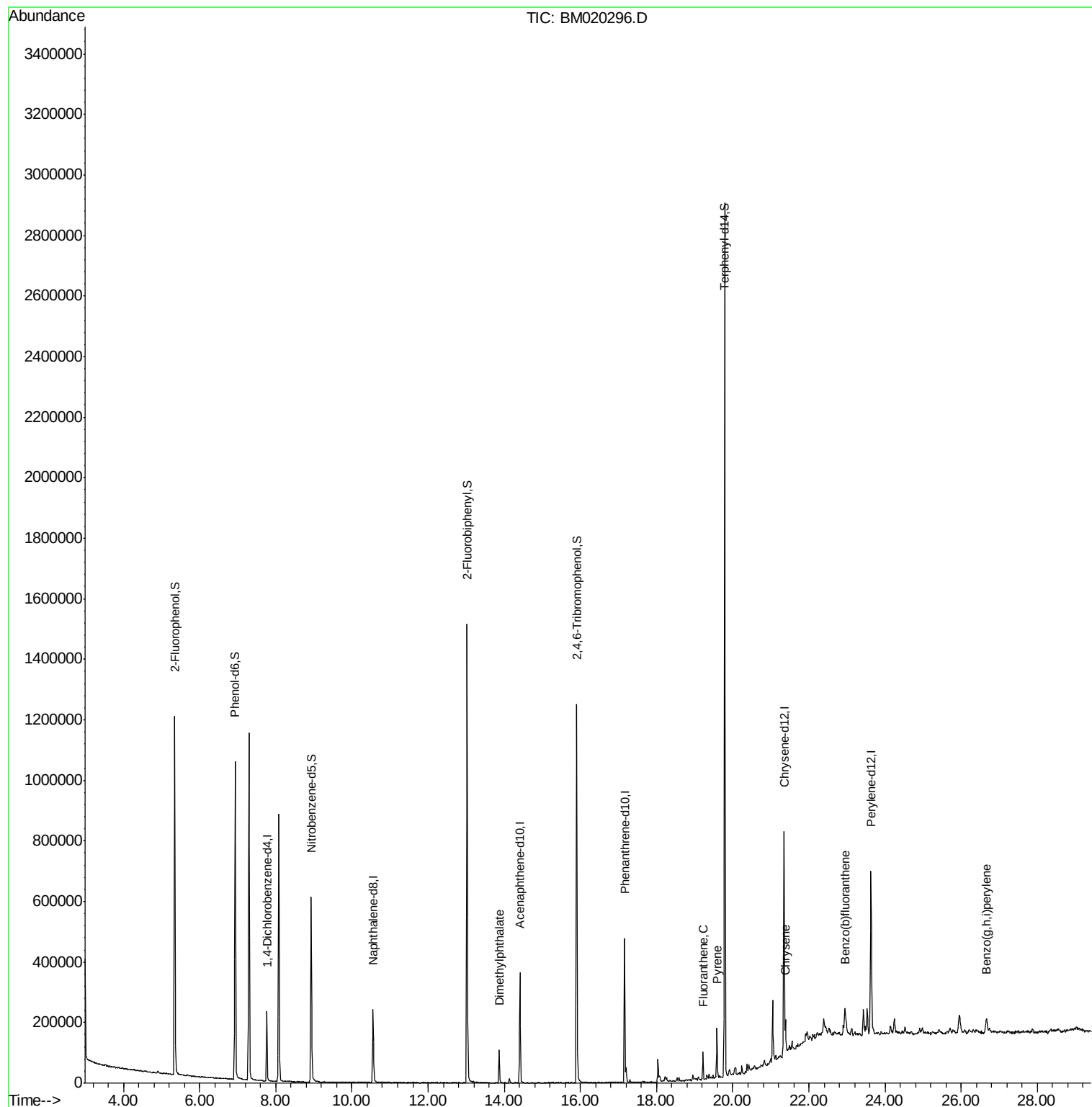
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
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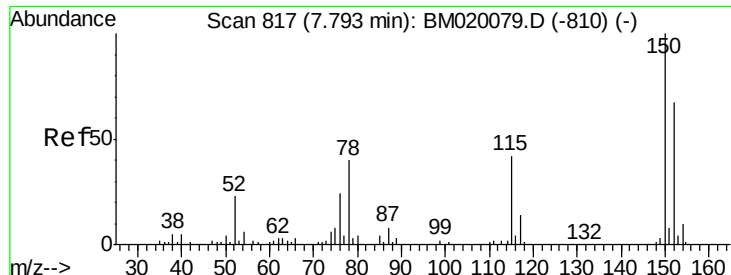
Instrument :
BNA_M
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P026-SS006-1824-01

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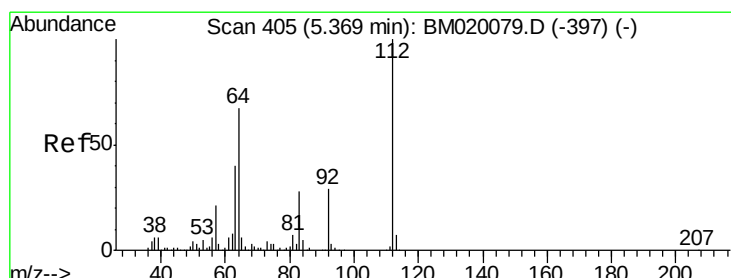
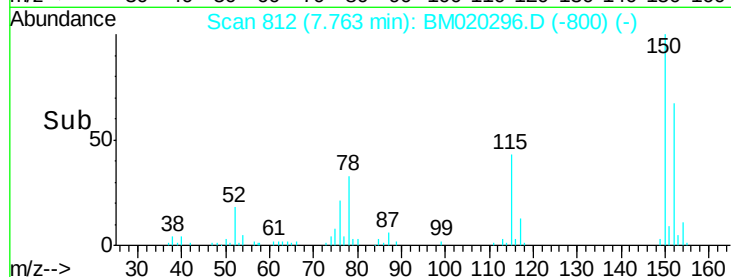
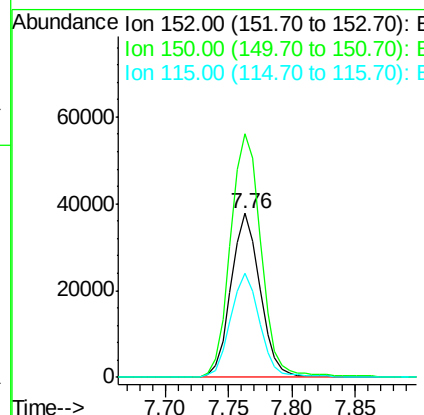
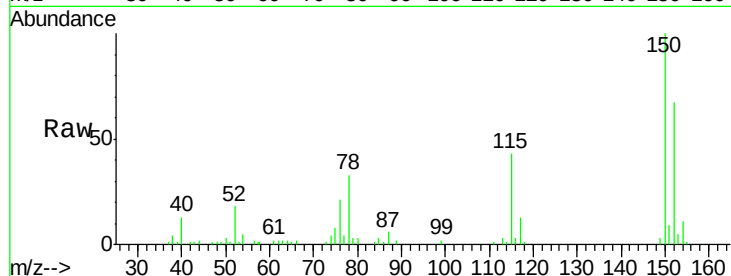
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.76 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BM020296.D
 Acq: 12 May 2019 13:44

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS006-1824-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	119.8	179.8
115	63.2	50.8	76.2

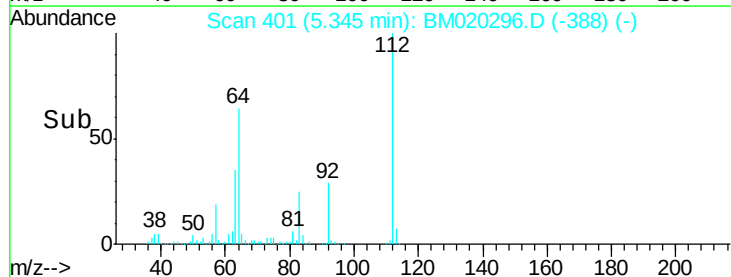
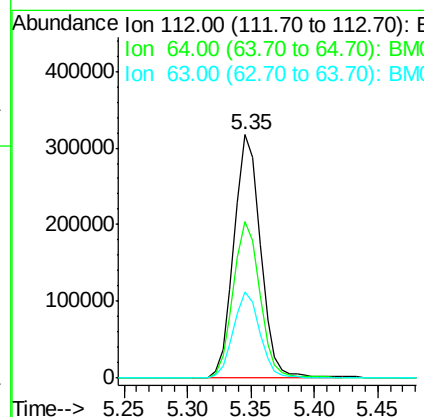
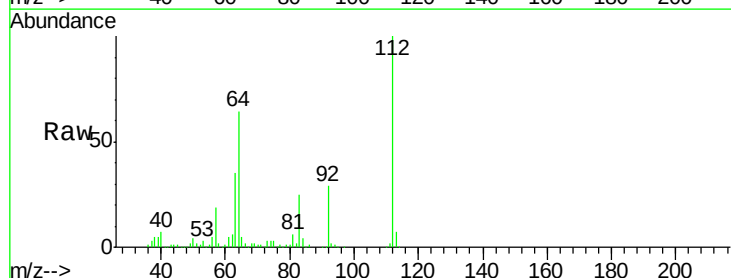
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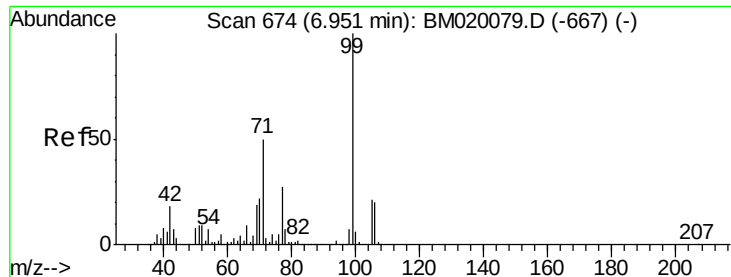
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#5
 2-Fluorophenol
 Concen: 125.316 ng
 RT: 5.35 min Scan# 401
 Delta R.T. -0.02 min
 Lab File: BM020296.D
 Acq: 12 May 2019 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	53.8	80.6
63	35.2	32.3	48.5





#7

Phenol-d6

Concen: 120.939 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Instrument :

BNA_M

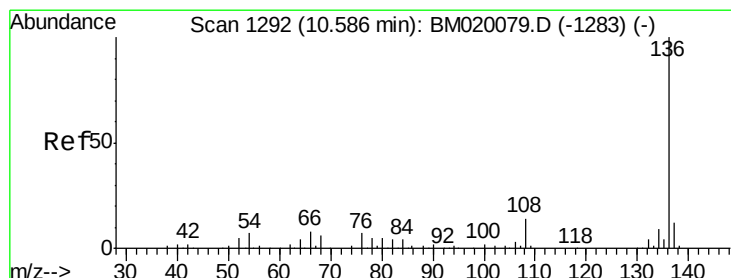
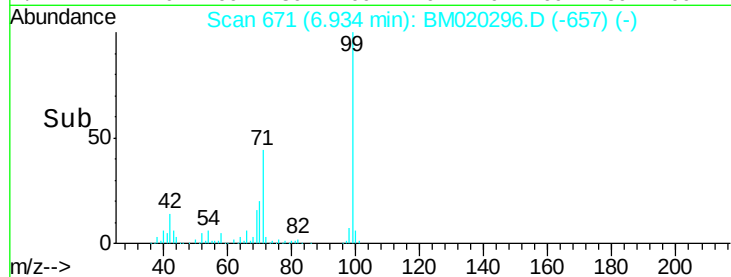
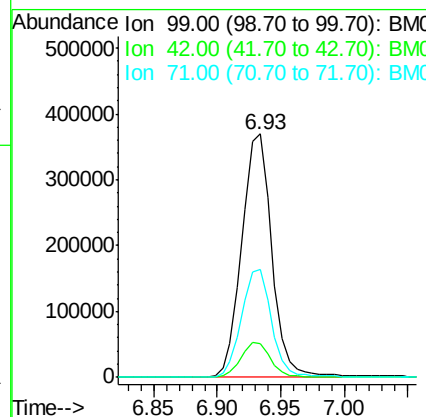
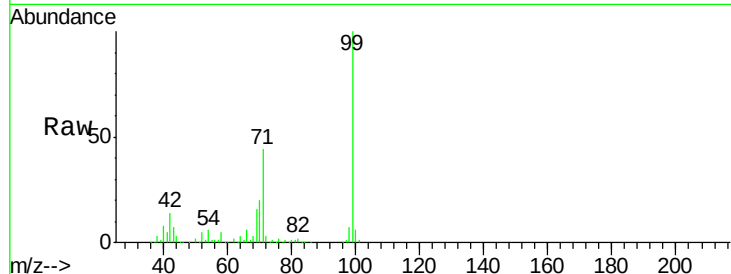
ClientSampleId :

P026-SS006-1824-01

Tot Ion:	99	Resp:	610022
Ion Ratio	Lower	Upper	
99	100		
42	14.1	14.2	21.2#
71	44.2	40.3	60.5

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#21

Naphthalene-d8

Concen: 20.000 ng

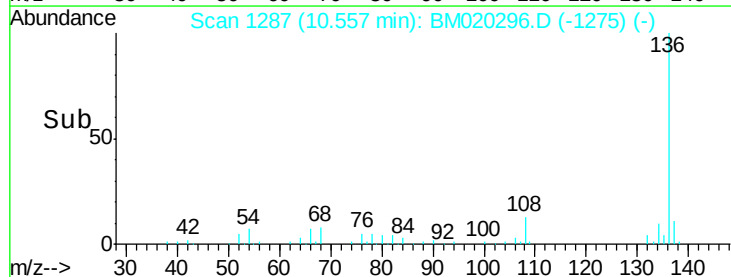
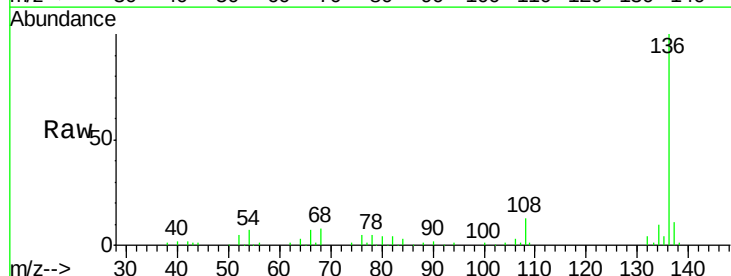
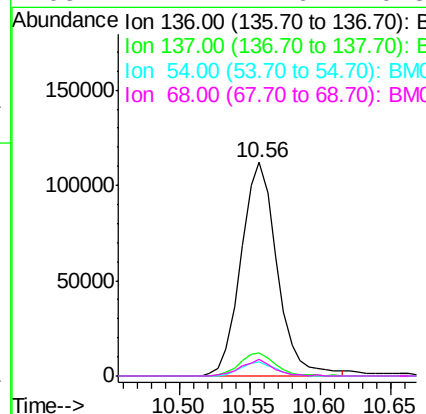
RT: 10.56 min Scan# 1287

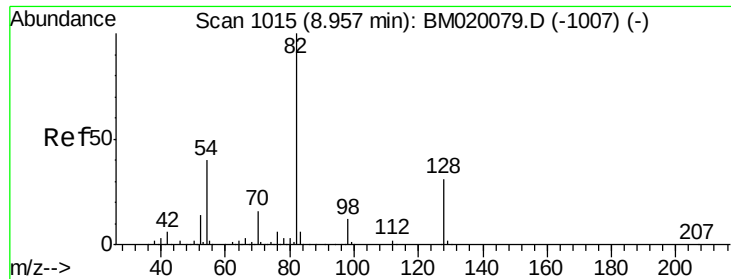
Delta R.T. -0.03 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Tgt Ion:	136	Resp:	200996
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.6	14.4
54	6.6	5.5	8.3
68	7.7	4.6	6.8#





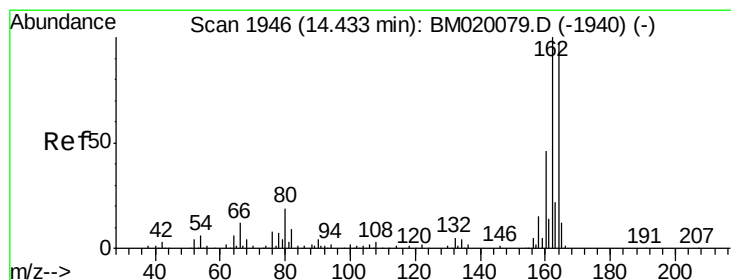
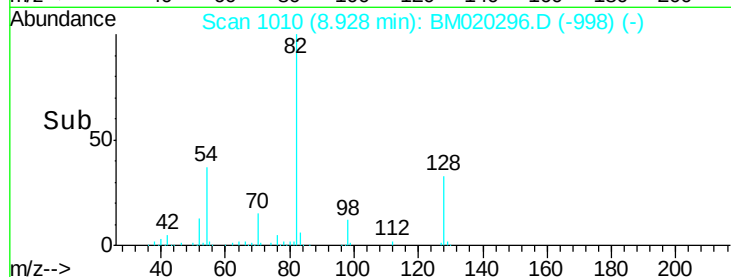
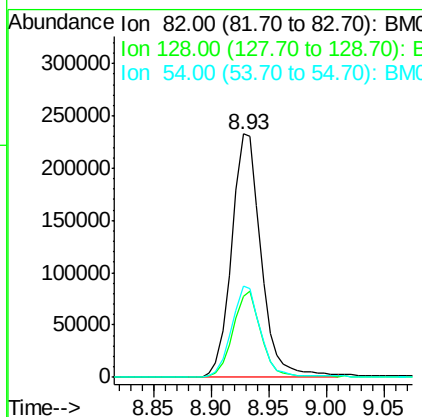
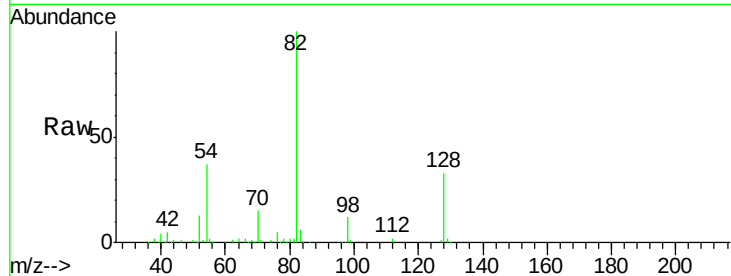
#23
Nitrobenzene-d5
Concen: 81.235 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020296.D
Acq: 12 May 2019 13:44

Instrument :
BNA_M
ClientSampleId :
P026-SS006-1824-01

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.5	25.2	37.8	
54	37.4	31.9	47.9	

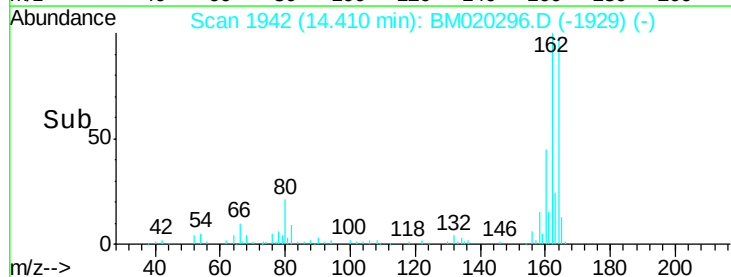
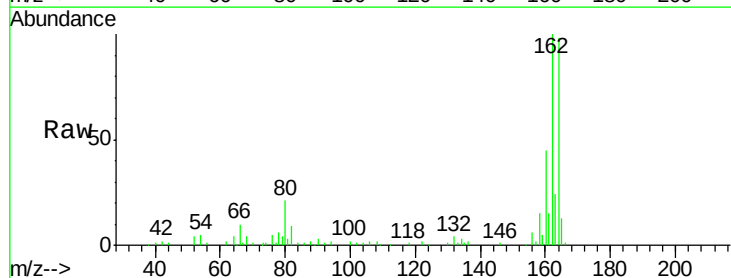
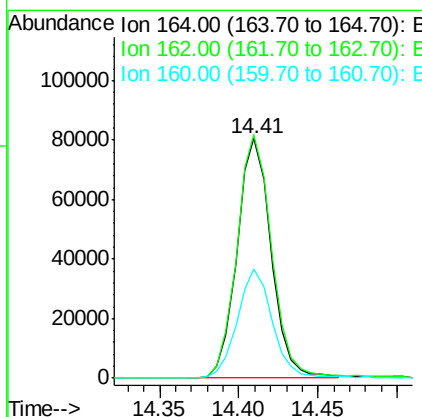
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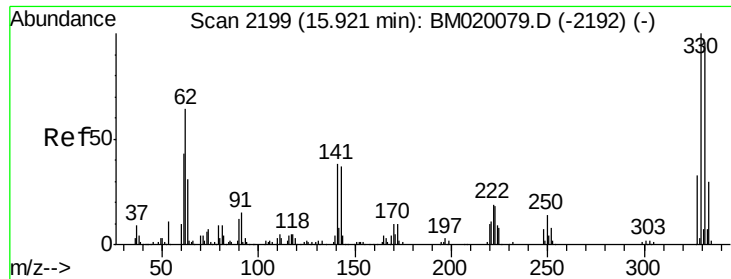
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020296.D
Acq: 12 May 2019 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	82.2	123.2	
160	45.6	37.6	56.4	





#42

2,4,6-Tribromophenol

Concen: 129.970 ng

RT: 15.90 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Instrument :

BNA_M

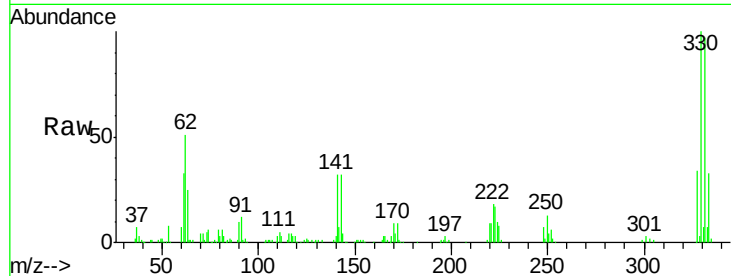
ClientSampleId :

P026-SS006-1824-01

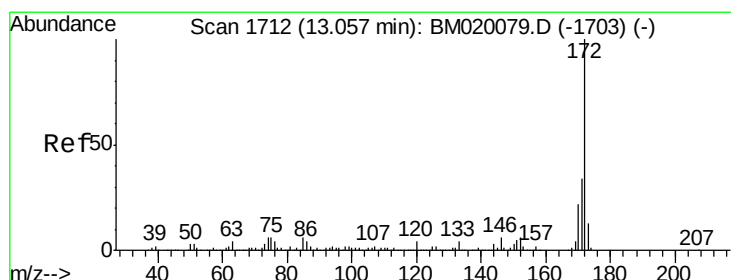
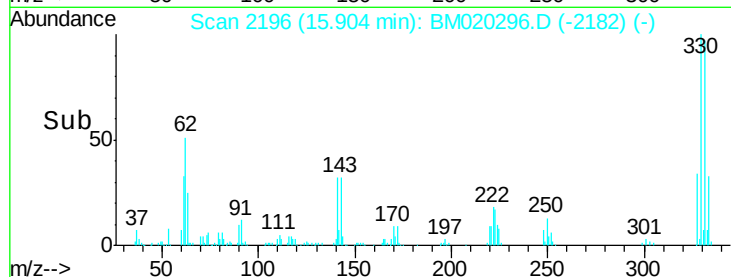
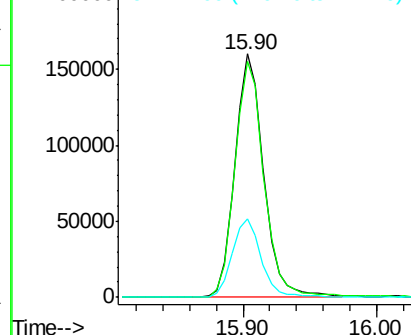
Tot Ion:	330	Resp:	242033
Ion Ratio	Lower	Upper	
330	100		
332	97.8	76.8	115.2
141	32.7	29.2	43.8

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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: 78.691 ng

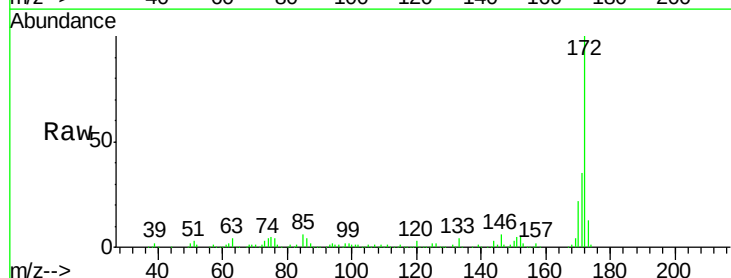
RT: 13.03 min Scan# 1707

Delta R.T. -0.03 min

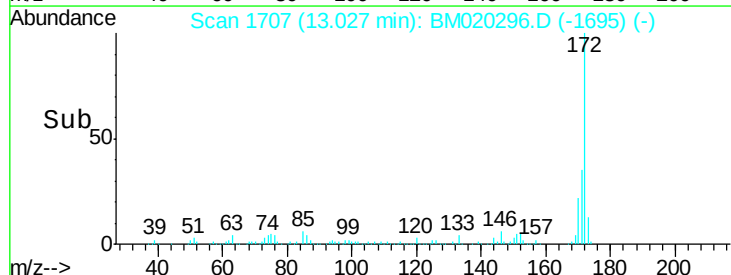
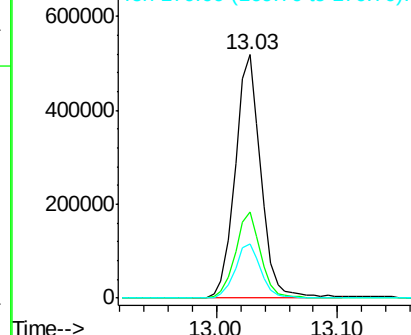
Lab File: BM020296.D

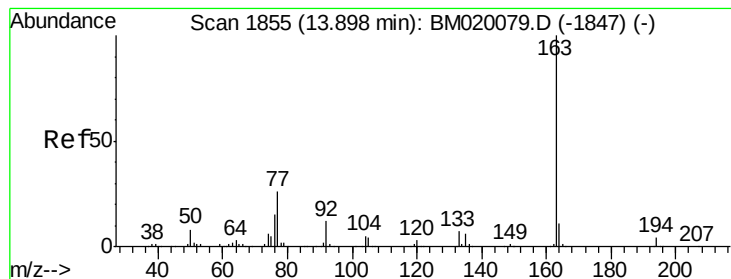
Acq: 12 May 2019 13:44

Tgt Ion:	172	Resp:	767320
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.3	40.9
170	22.4	17.9	26.9



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: 6.576 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Instrument :

BNA_M

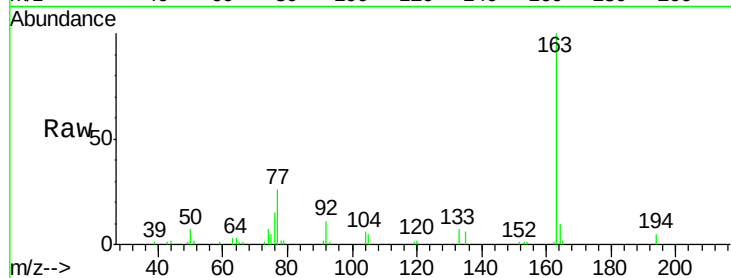
ClientSampleId :

P026-SS006-1824-01

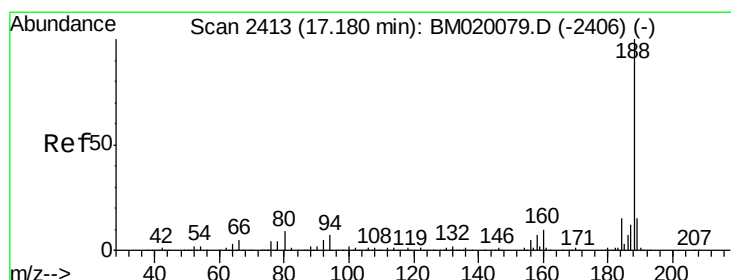
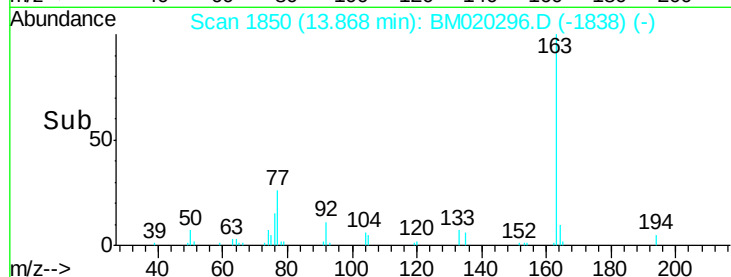
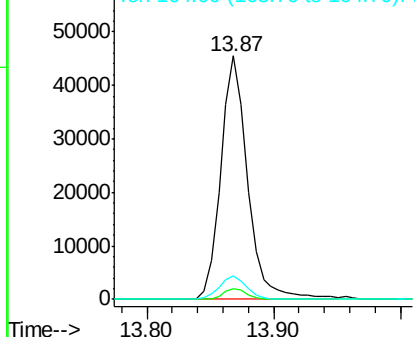
Tot Ion:	163	Resp:	67056
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	9.5	8.4	12.6

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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



#64

Phenanthrene-d10

Concen: 20.000 ng

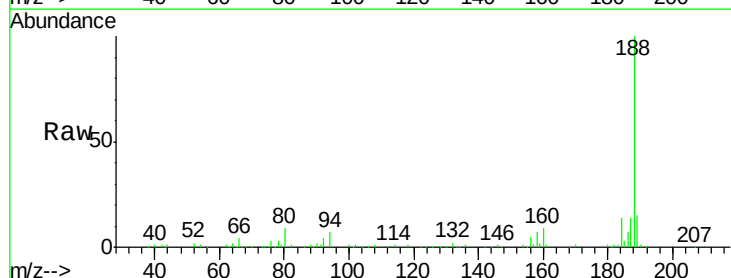
RT: 17.16 min Scan# 2410

Delta R.T. -0.02 min

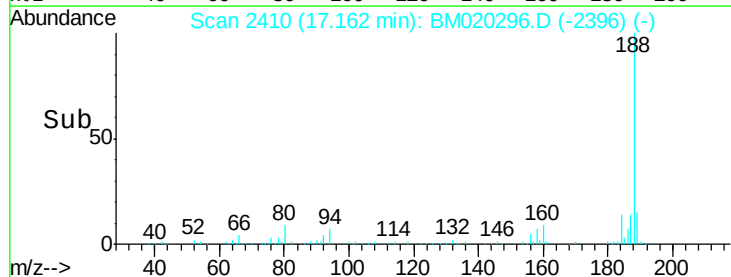
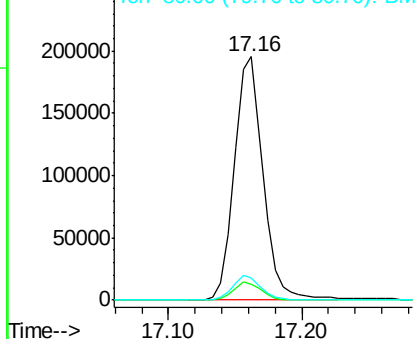
Lab File: BM020296.D

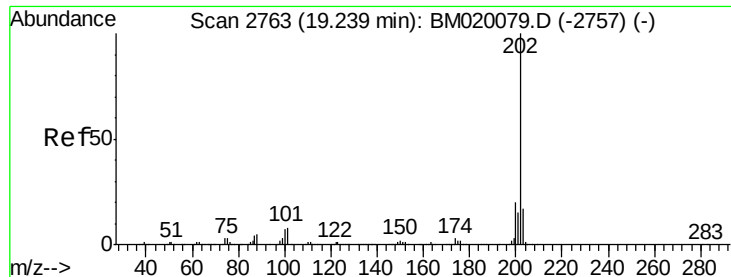
Acq: 12 May 2019 13:44

Tgt Ion:	188	Resp:	293107
Ion Ratio	Lower	Upper	
188	100		
94	6.7	5.8	8.6
80	9.2	7.4	11.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.671 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Instrument :

BNA_M

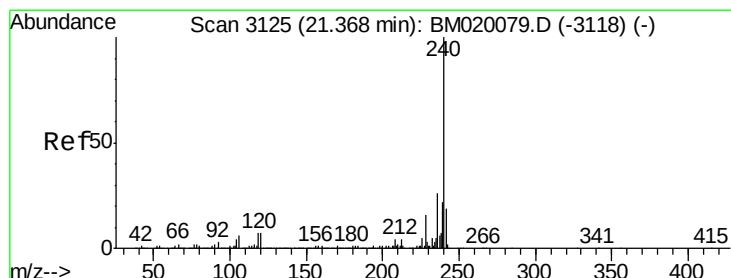
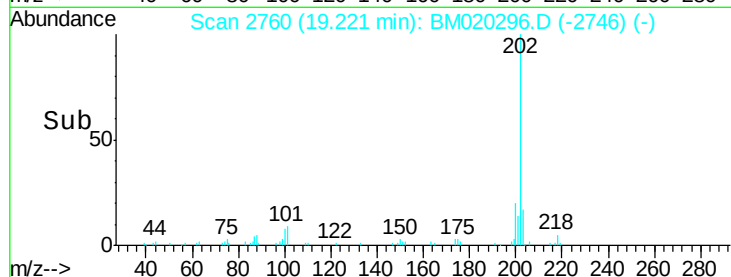
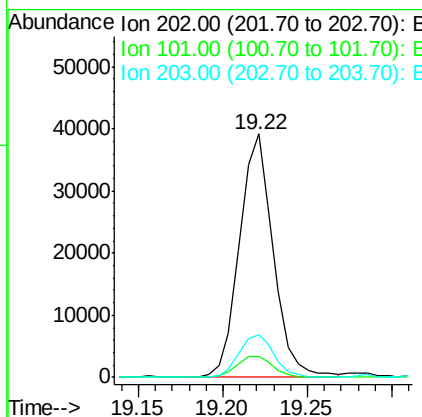
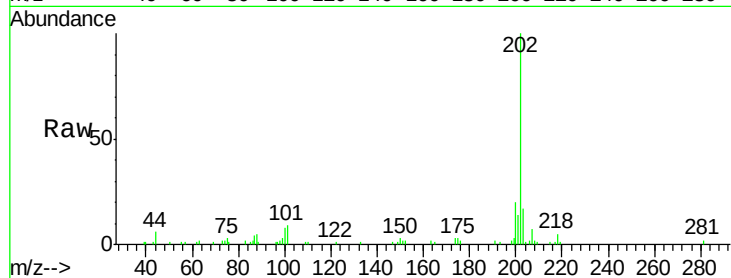
ClientSampleId :

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Tot Ion:	202	Resp:	54689
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	28.4
203	17.5	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

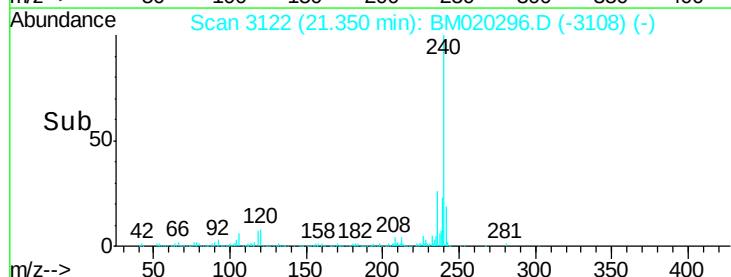
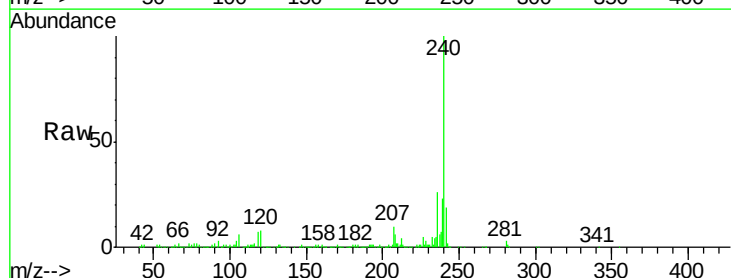
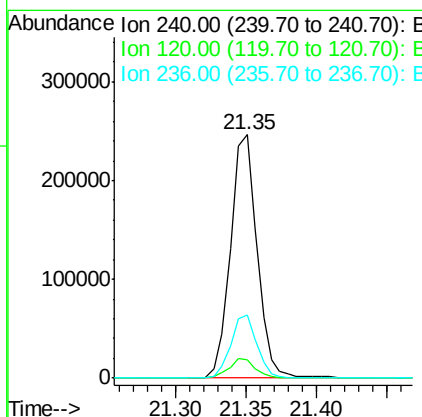
RT: 21.35 min Scan# 3122

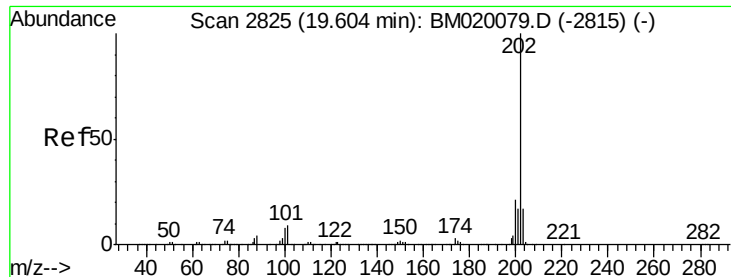
Delta R.T. -0.02 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Tgt Ion:	240	Resp:	324590
Ion Ratio	Lower	Upper	
240	100		
120	7.6	5.6	8.4
236	25.7	20.9	31.3





#78

Pvrene

Concen: 4.813 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Instrument :

BNA_M

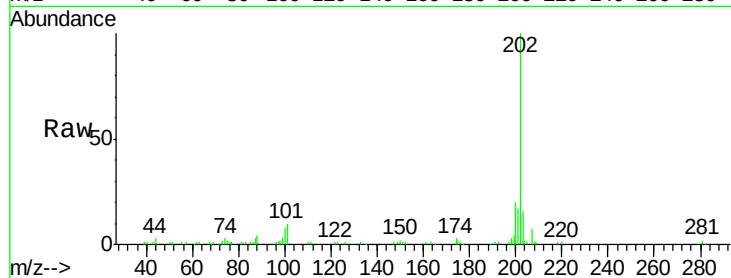
ClientSampleId :

P026-SS006-1824-01

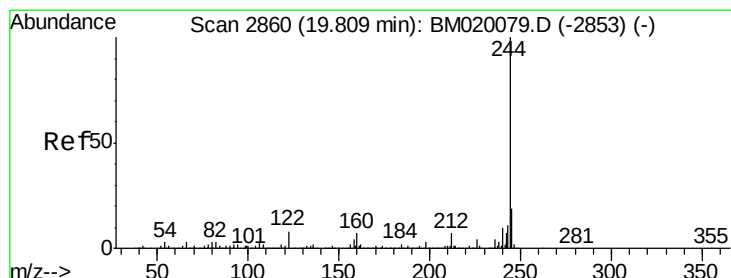
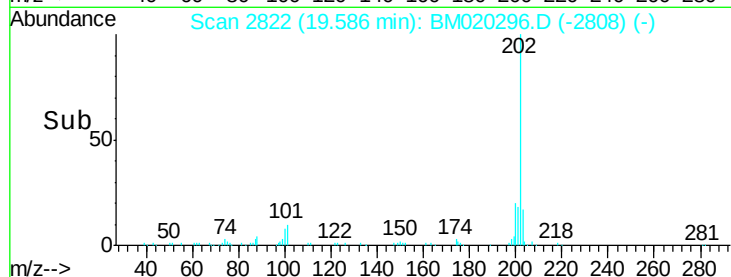
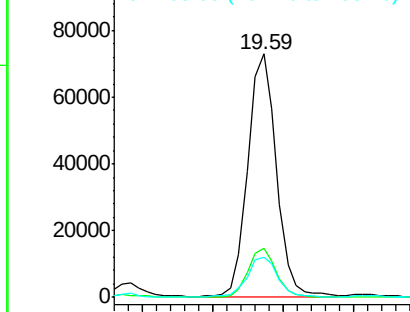
Tot Ion:	202	Resp:	104881
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.5	24.7
203	16.4	13.9	20.9

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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



#79

Terphenyl-d14

Concen: 70.918 ng

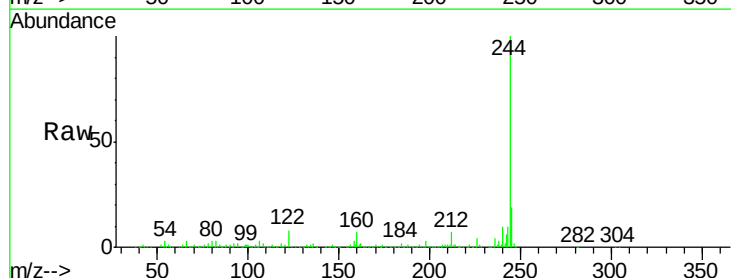
RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

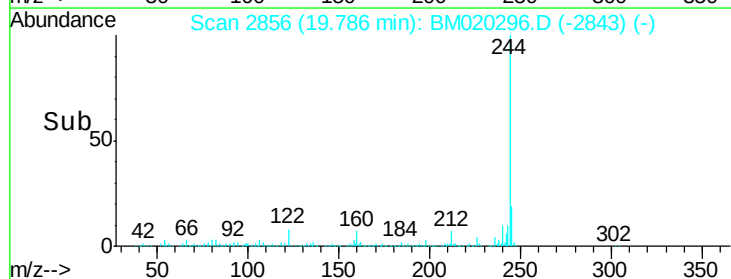
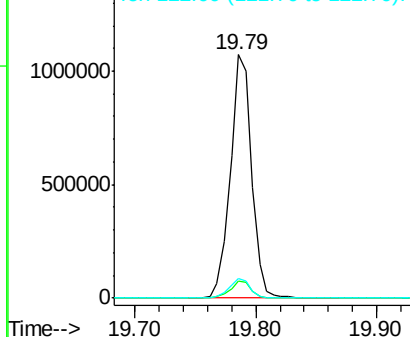
Lab File: BM020296.D

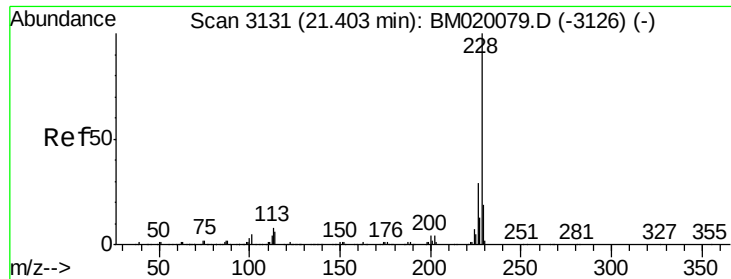
Acq: 12 May 2019 13:44

Tgt Ion:	244	Resp:	1319741
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.7	8.5
122	8.0	6.2	9.2



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





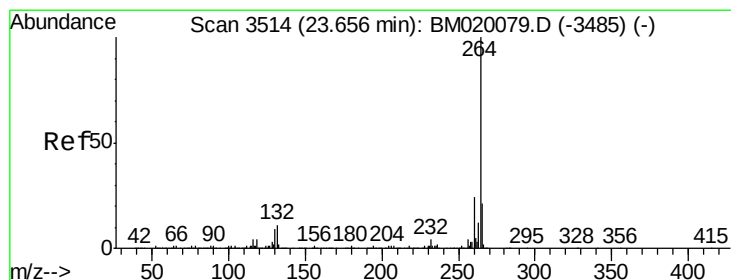
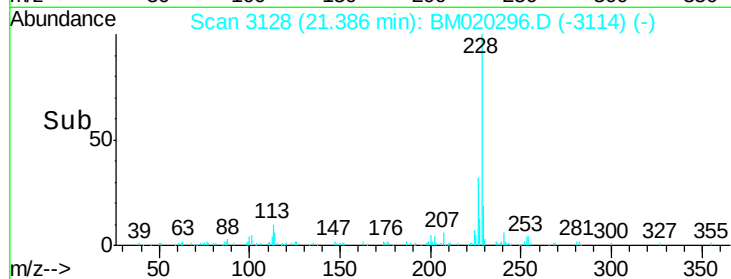
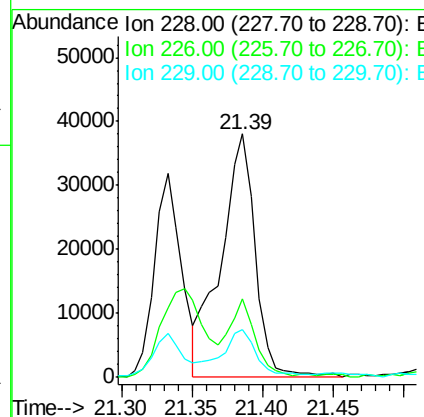
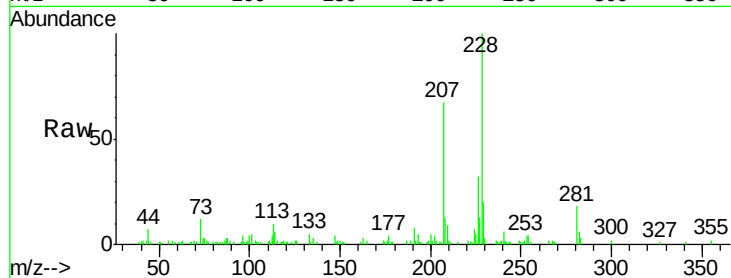
#83
Chrysene
Concen: 2.927 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM020296.D
Acq: 12 May 2019 13:44

Instrument :
BNA_M
ClientSampleId :
P026-SS006-1824-01

Tot Ion:	228	Resp:	64617
Ion Ratio	Lower	Upper	
228	100		
226	32.0	23.0	34.6
229	19.8	15.5	23.3

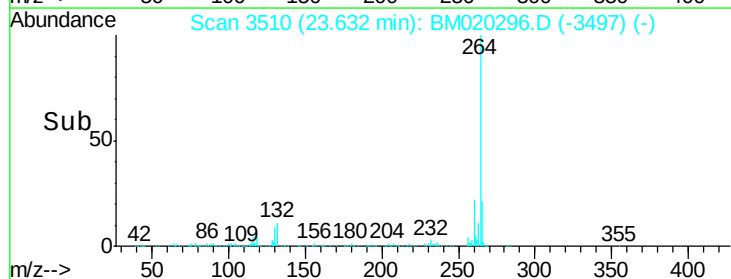
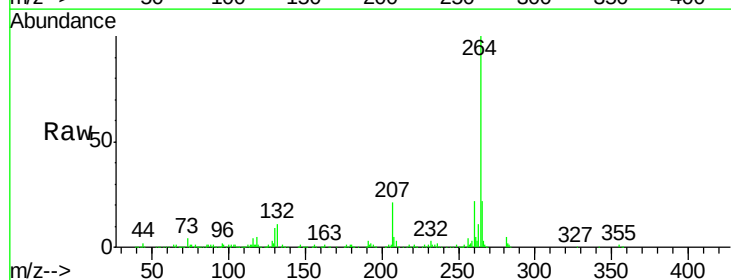
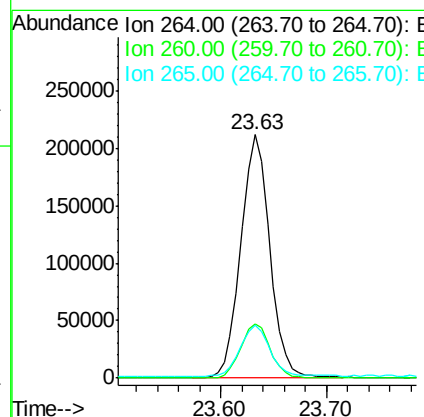
Manual Integrations
APPROVED

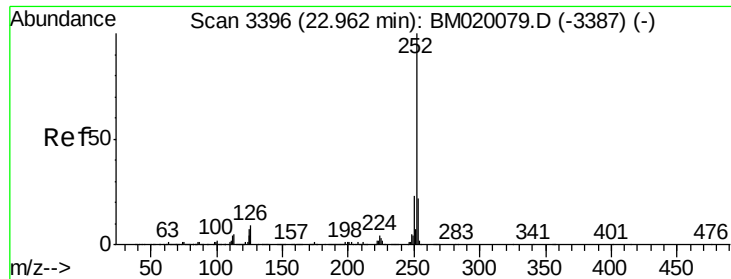
Sohil
5/14/2019 8:07:25 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020296.D
Acq: 12 May 2019 13:44

Tgt Ion:	264	Resp:	403320
Ion Ratio	Lower	Upper	
264	100		
260	22.2	19.2	28.8
265	21.8	16.9	25.3





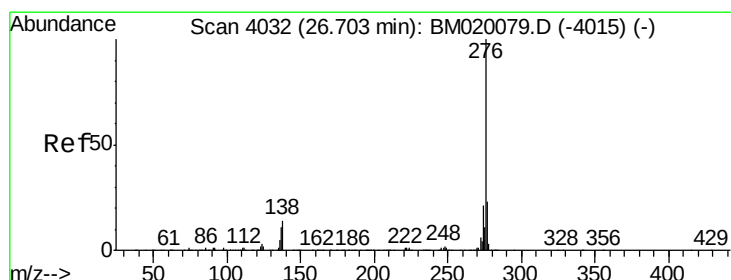
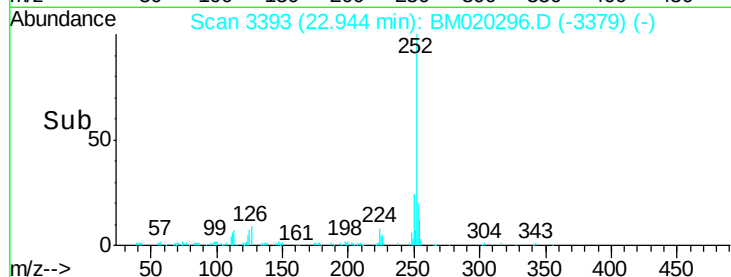
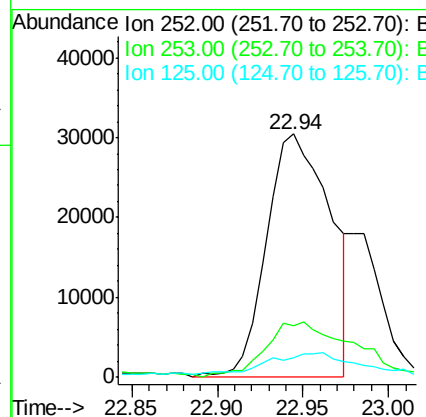
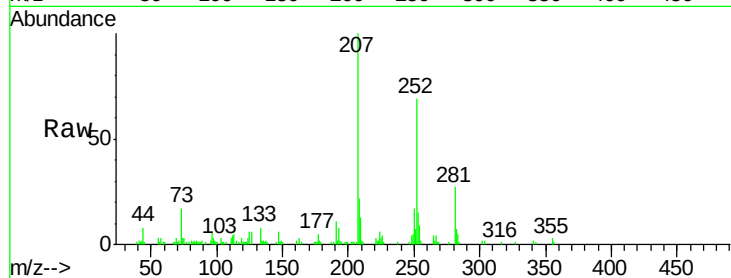
#88
Benzo(b)fluoranthene
Concen: 2.965 ng m
RT: 22.94 min Scan# 3393
Delta R.T. -0.02 min
Lab File: BM020296.D
Acq: 12 May 2019 13:44

Instrument :
BNA_M
ClientSampleId :
P026-SS006-1824-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	8.3	5.4	8.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:07:25 PM



#92
Benzo(g,h,i)perylene
Concen: 2.509 ng
RT: 26.66 min Scan# 4025
Delta R.T. -0.04 min
Lab File: BM020296.D
Acq: 12 May 2019 13:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.4	27.6
138	13.0	11.1	16.7

