

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
 Data File : BM022413.D
 Acq On : 29 Aug 2019 18:21
 Operator : HP/JU
 Sample : K4574-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S701A-N-0.0-0.5-082719

Manual Integrations
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Jagrut
 8/30/2019 10:29:52 AM

Quant Time: Aug 29 18:55:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	14303	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	50272	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	33771	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	82844	20.00	ng	0.00
76) Chrysene-d12	21.17	240	116333	20.00	ng	0.00
87) Perylene-d12	23.36	264	138675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	81481	100.00	ng	0.00
7) Phenol-d6	6.72	99	104489	95.89	ng	0.00
23) Nitrobenzene-d5	8.69	82	80535	70.17	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	64057	92.70	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	185158	62.11	ng	0.00
79) Terphenyl-d14	19.60	244	471407	53.48	ng	0.00
Target Compounds						
10) Phenol	6.75	94	5752	5.255	ng	87
50) Dimethylphthalate	13.66	163	15712	5.349	ng	# 95
71) Phenanthrene	17.00	178	21453	4.443	ng	97
74) Di-n-butylphthalate	17.92	149	47428	8.906	ng	97
75) Fluoranthene	19.03	202	98405	15.302	ng	96
78) Pyrene	19.39	202	81074	10.226	ng	99
81) Benzo(a)anthracene	21.15	228	60143	7.203	ng	95
83) Chrysene	21.20	228	64470	8.112	ng	97
86) Indeno(1,2,3-cd)pyrene	25.54	276	52596	6.579	ng	# 95
88) Benzo(b)fluoranthene	22.71	252	124730m	12.947	ng	
89) Benzo(k)fluoranthene	22.74	252	36409m	3.810	ng	
90) Benzo(a)pyrene	23.26	252	64351	7.526	ng	# 99
92) Benzo(a,h,i)perylene	26.20	276	57013	7.672	ng	# 97

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

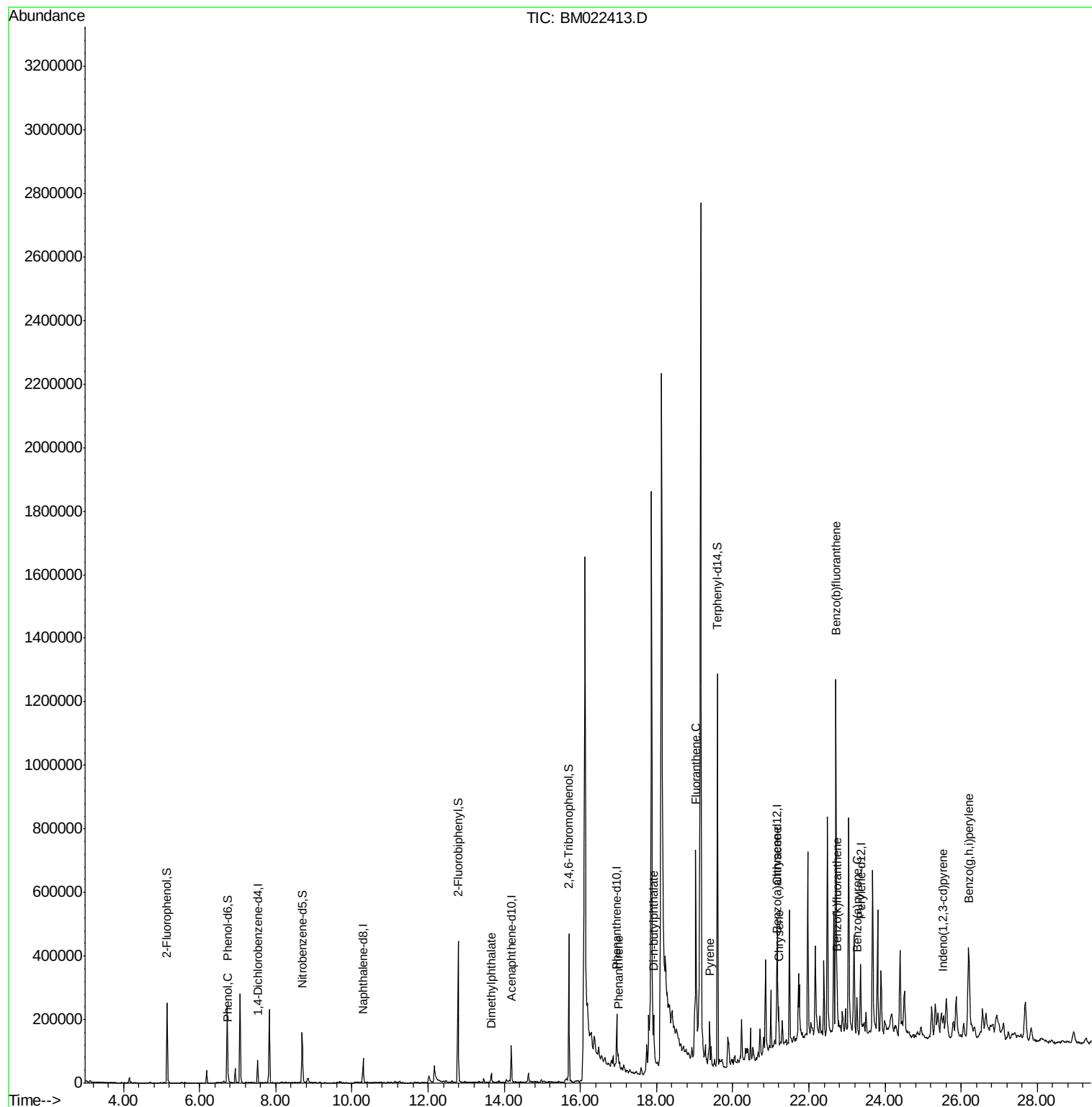
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
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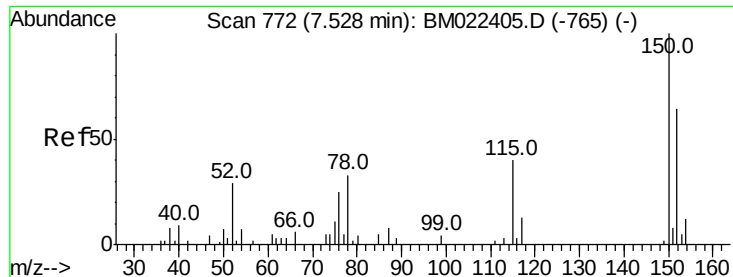
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

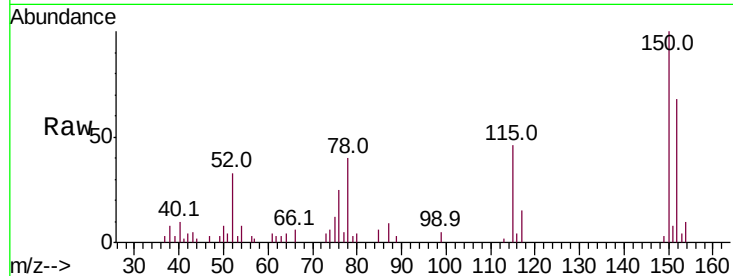
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Instrument :
BNA_M
ClientSampleId :
S701A-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	125.4	188.0
115	67.6	50.3	75.5

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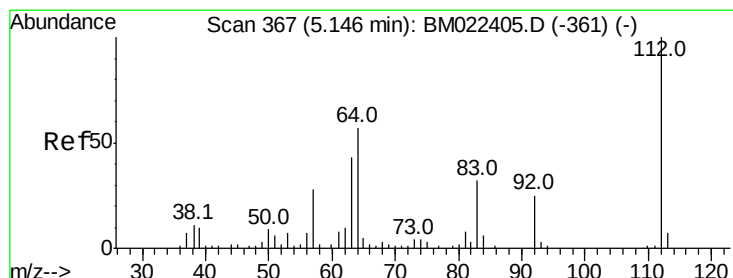
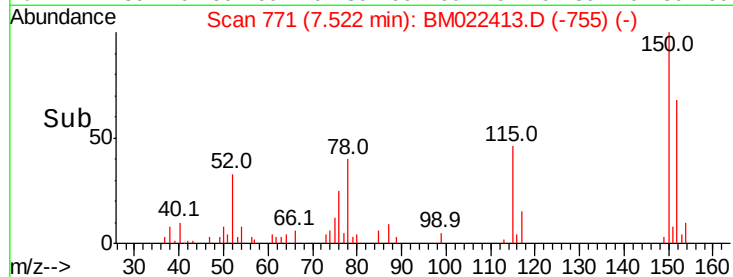
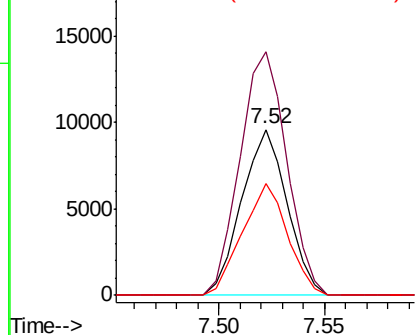


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

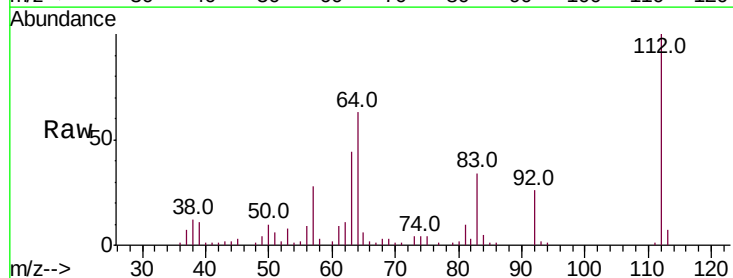
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.997 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	45.4	68.2
63	43.8	34.5	51.7

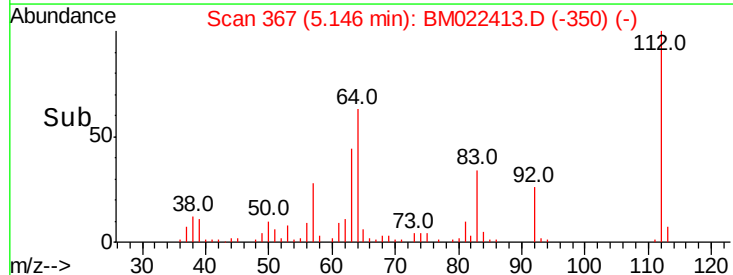
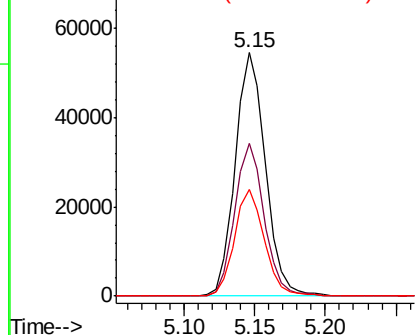


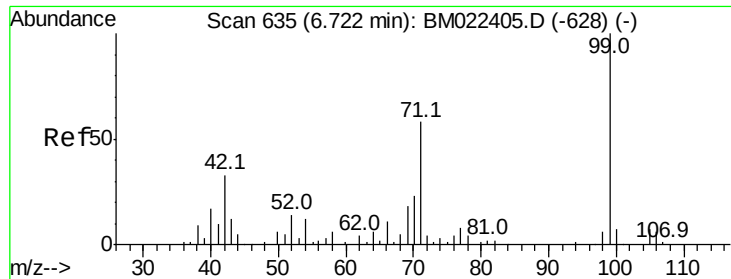
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 95.893 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022413.D

Acq: 29 Aug 2019 18:21

Instrument :

BNA_M

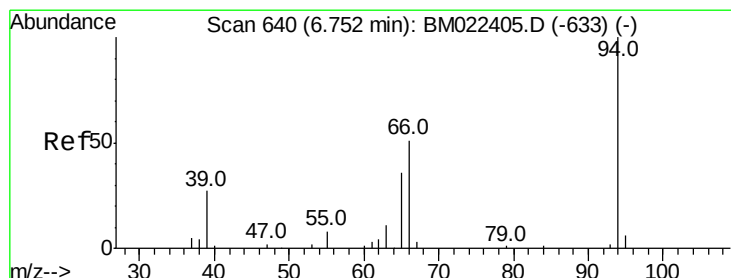
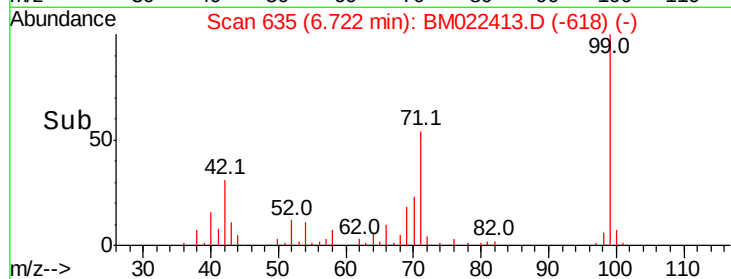
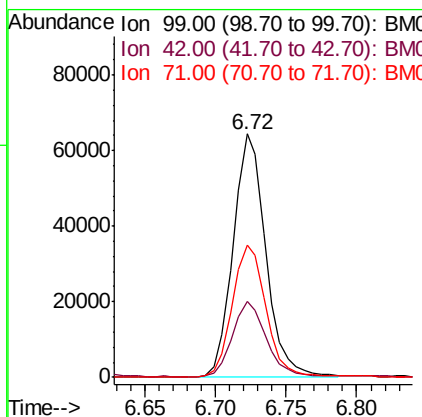
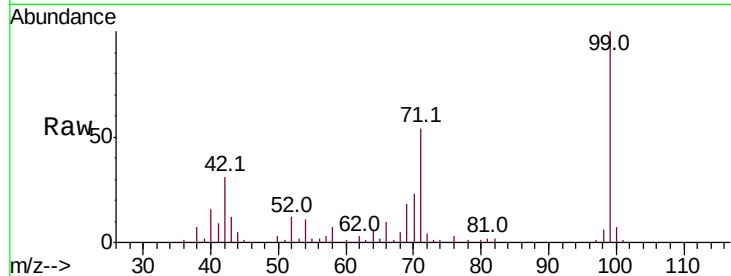
ClientSampleId :

S701A-N-0.0-0.5-082719

Tot Ion:	99	Resp:	104489
Ion Ratio	Lower	Upper	
99	100		
42	31.3	26.3	39.5
71	54.3	46.6	69.8

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#10

Phenol

Concen: 5.255 ng

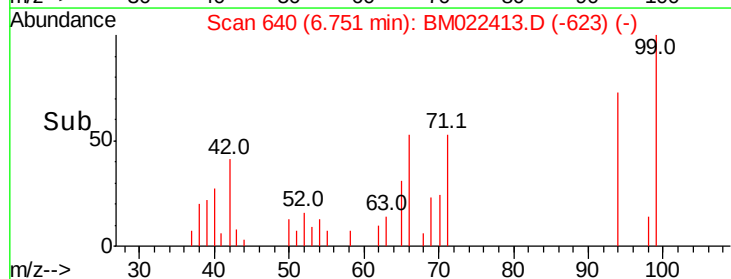
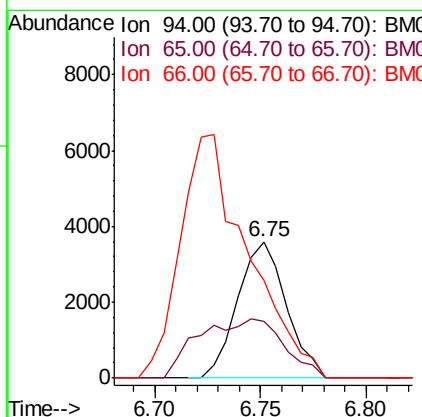
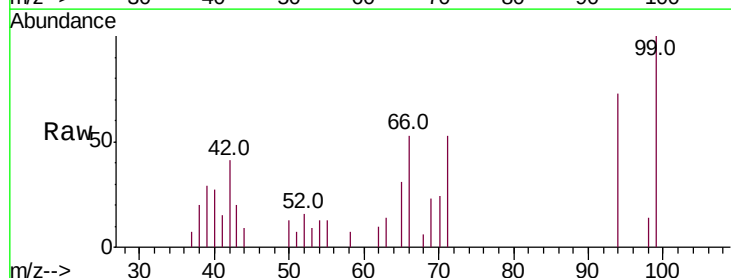
RT: 6.75 min Scan# 640

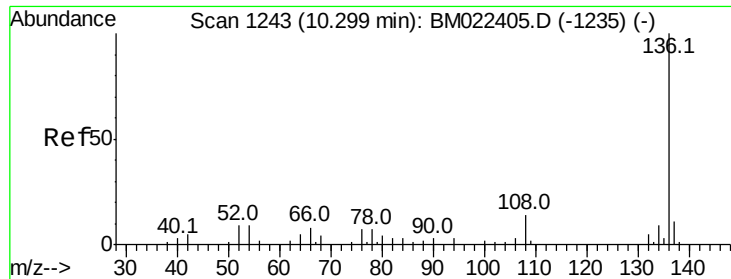
Delta R.T. -0.00 min

Lab File: BM022413.D

Acq: 29 Aug 2019 18:21

Tgt Ion:	94	Resp:	5752
Ion Ratio	Lower	Upper	
94	100		
65	42.0	17.7	57.7
66	71.6	39.6	79.6





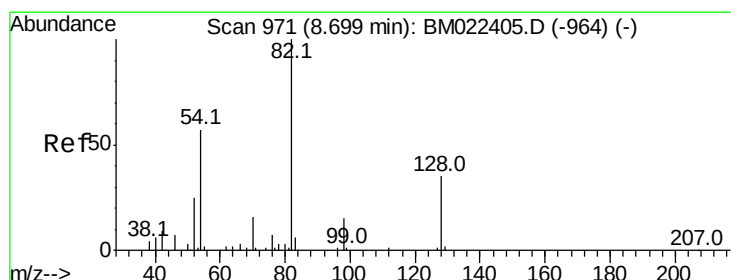
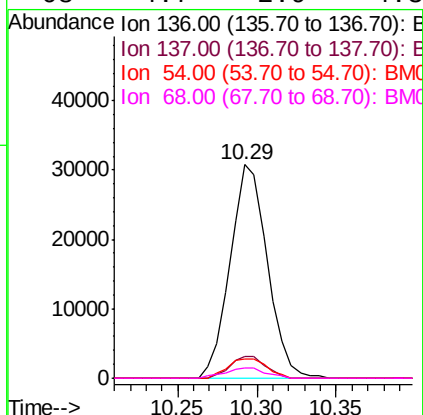
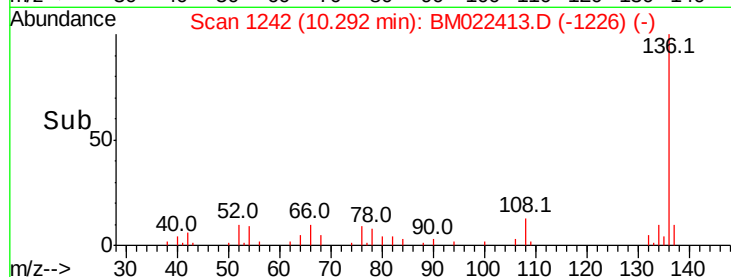
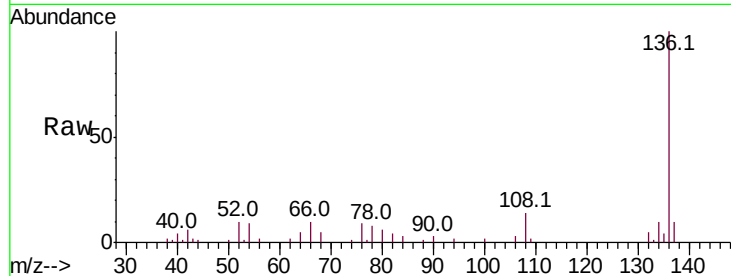
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Instrument :
BNA_M
ClientSampleId :
S701A-N-0.0-0.5-082719

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.6	13.0	
54	8.8	7.0	10.6	
68	4.7	2.9	4.3#	

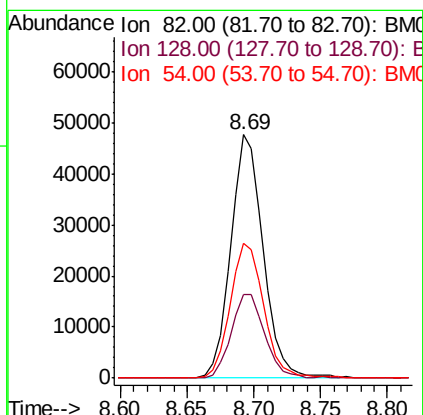
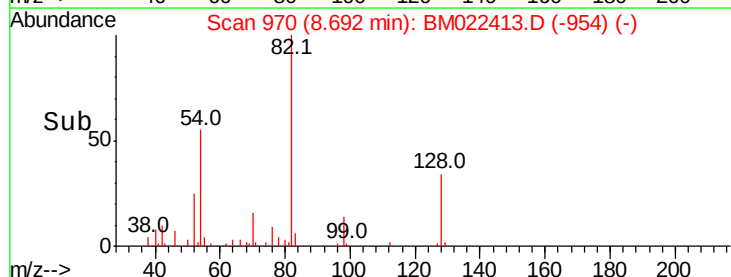
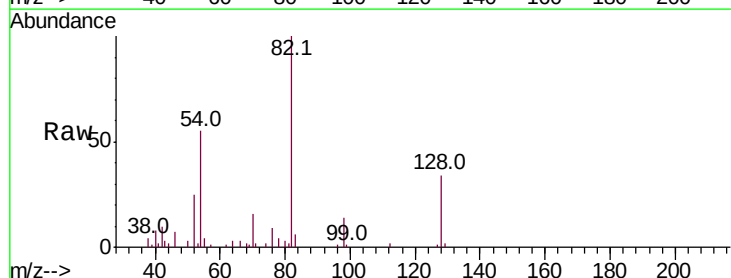
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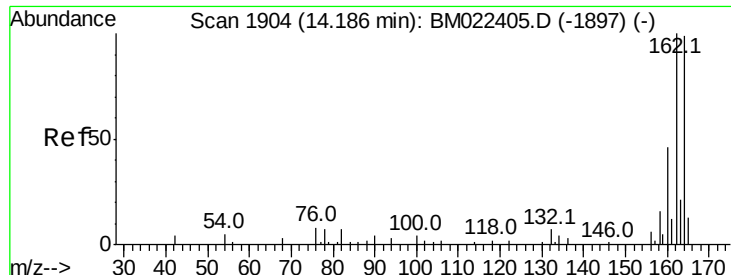
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#23
Nitrobenzene-d5
Concen: 70.168 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.2	27.9	41.9	
54	55.2	45.2	67.8	





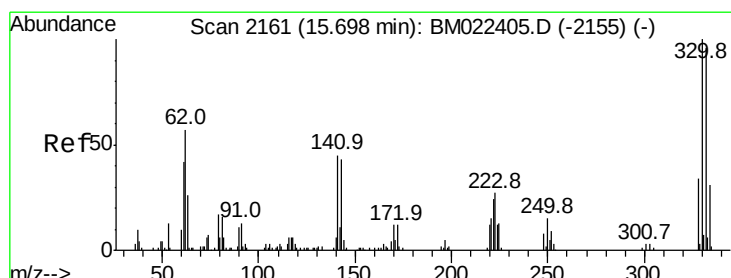
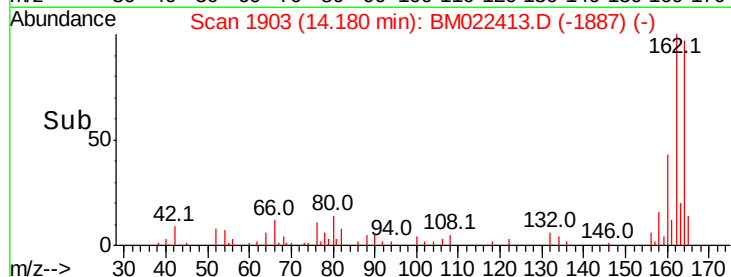
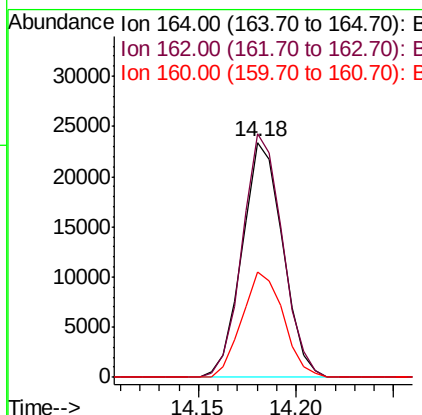
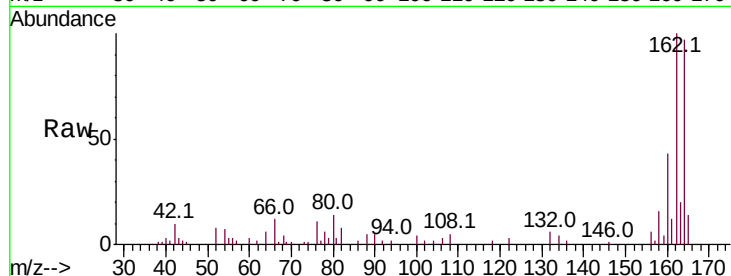
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM022413.D
 Acq: 29 Aug 2019 18:21

Instrument :
 BNA_M
 ClientSampleId :
 S701A-N-0.0-0.5-082719

Tot Ion:	164	Resp:	33771
Ion Ratio	Lower	Upper	
164	100		
162	103.6	80.6	121.0
160	45.0	37.3	55.9

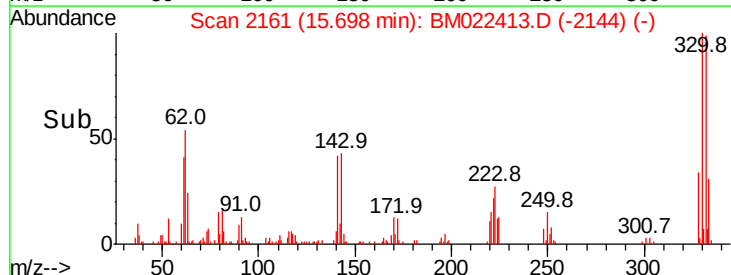
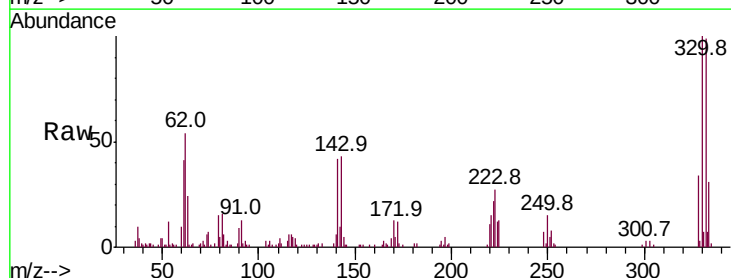
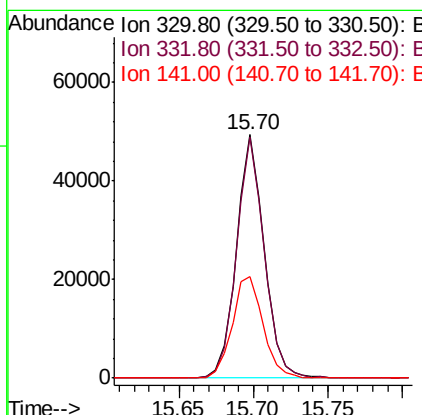
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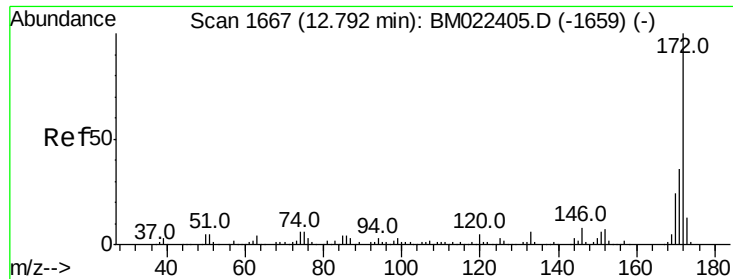
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#42
 2,4,6-Tribromophenol
 Concen: 92.695 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BM022413.D
 Acq: 29 Aug 2019 18:21

Tgt Ion:	330	Resp:	64057
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.8	116.8
141	46.2	35.6	53.4





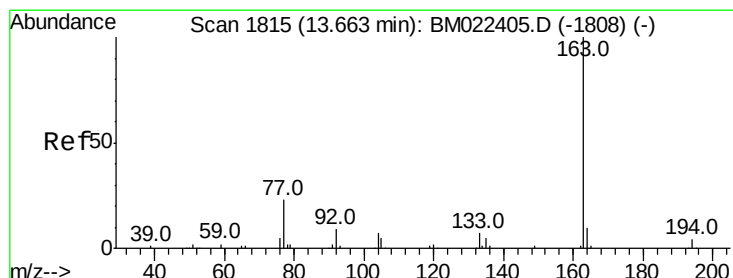
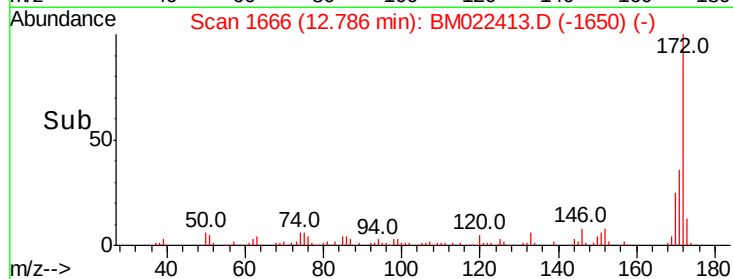
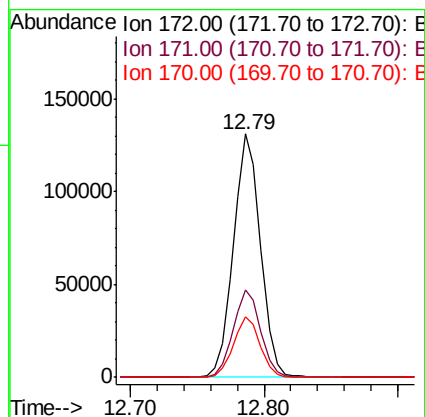
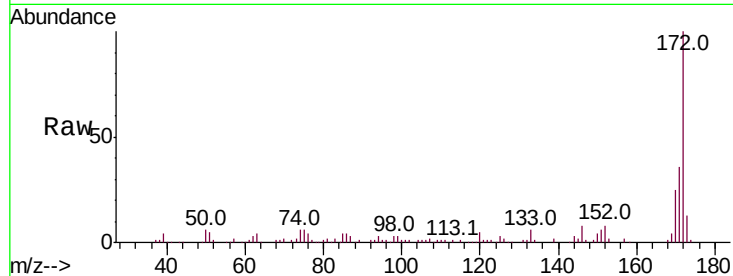
#45
2-Fluorobiphenyl
Concen: 62.111 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Instrument :
BNA_M
ClientSampleId :
S701A-N-0.0-0.5-082719

Tot Ion	Ratio	Resp	Lower	Upper
172	100	185158		
171	35.9	28.5	42.7	
170	25.0	18.9	28.3	

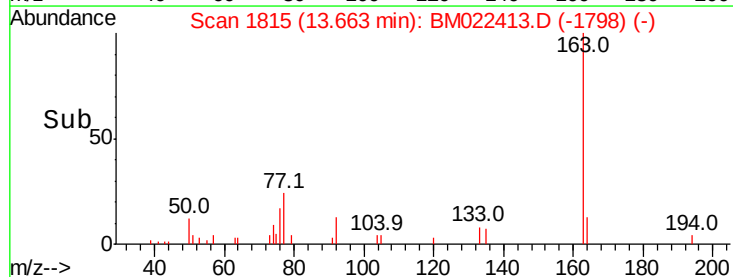
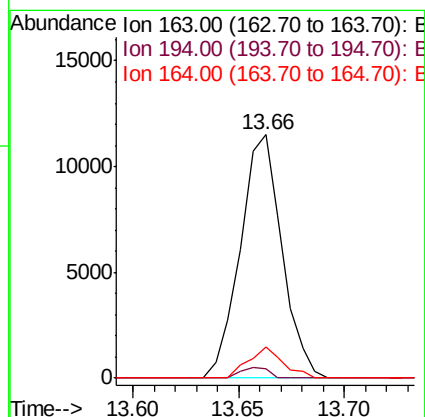
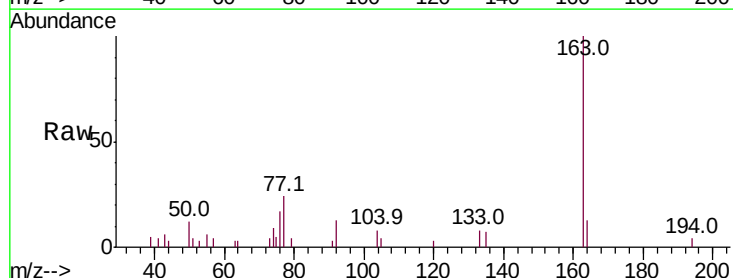
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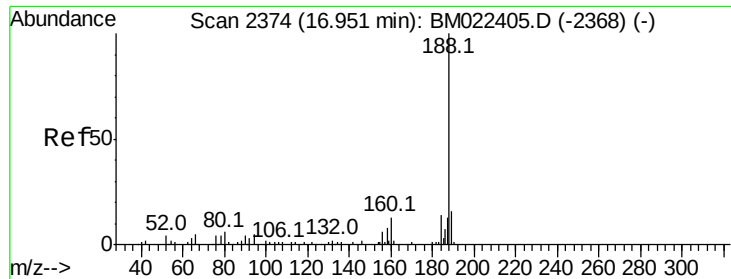
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#50
Dimethylphthalate
Concen: 5.349 ng
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	15712		
194	4.0	3.4	5.2	
164	12.7	8.2	12.2#	





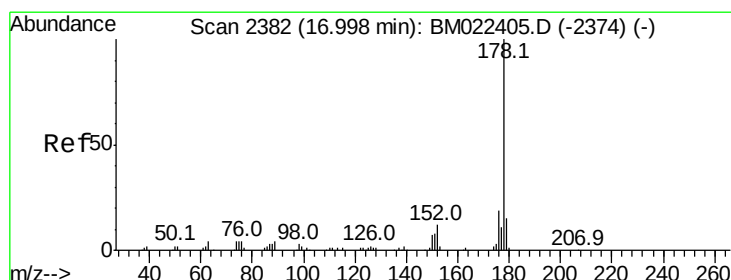
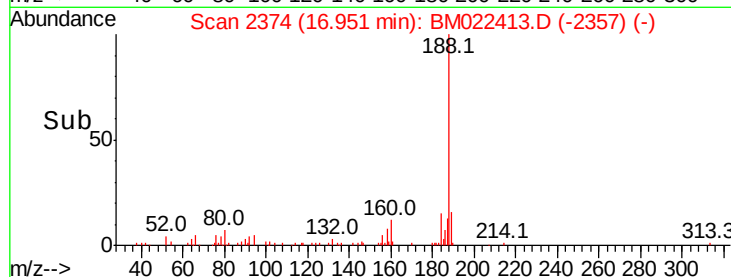
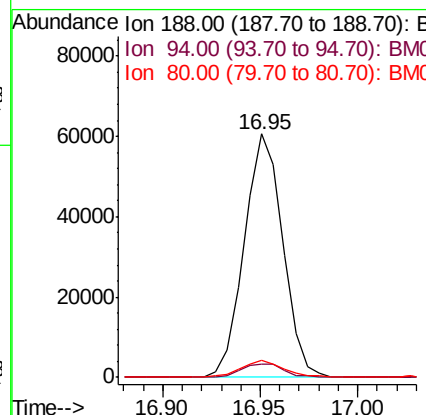
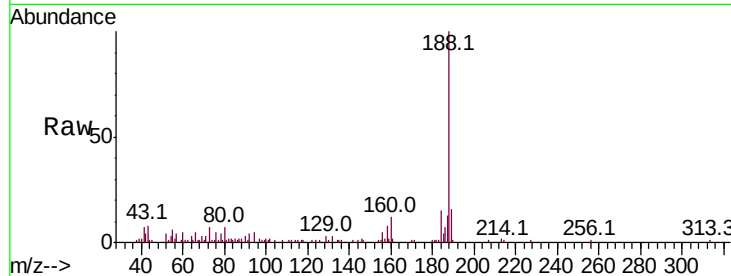
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	82844		
94	5.4		4.4	6.6
80	6.8		5.0	7.6

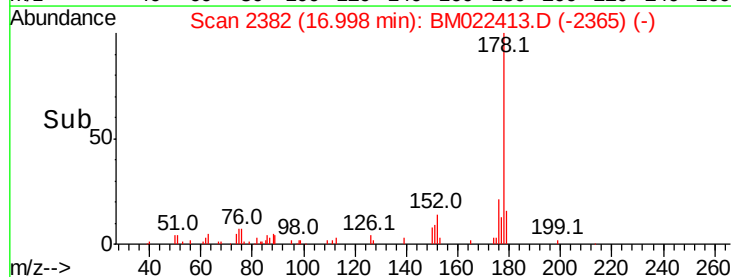
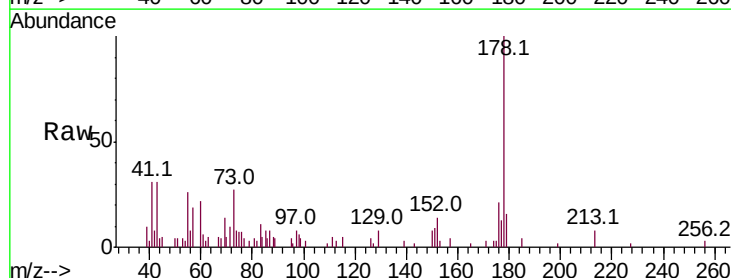
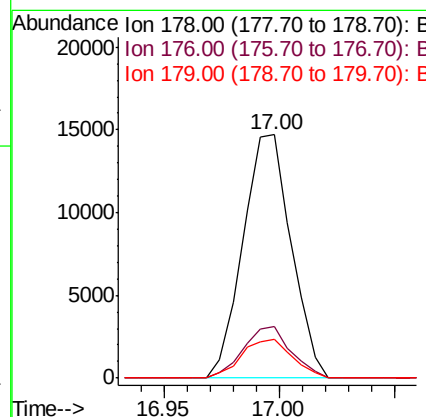
Manual Integrations
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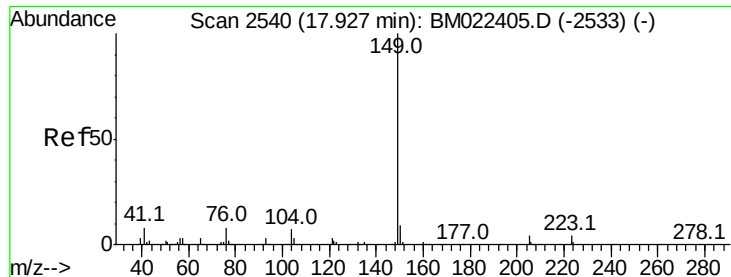
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#71
Phenanthrene
Concen: 4.443 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	21453		
176	21.1		15.4	23.2
179	15.9		12.3	18.5





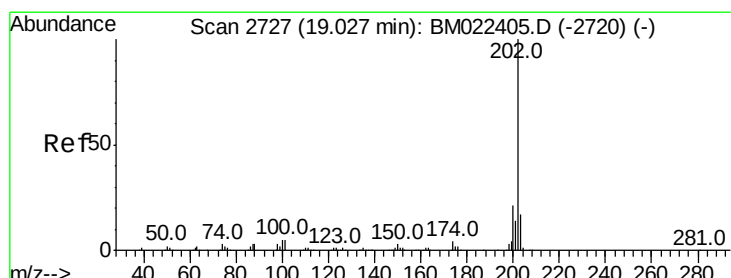
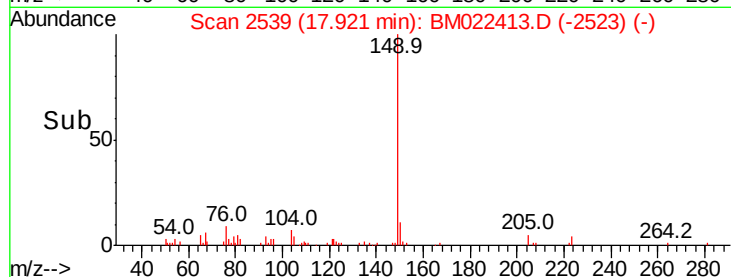
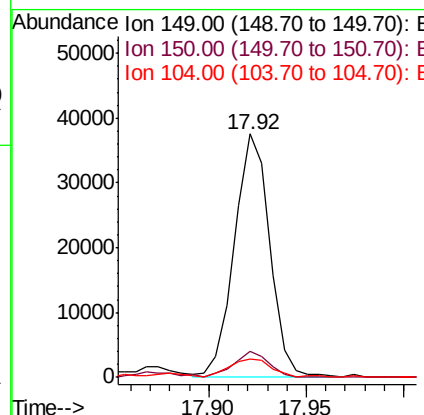
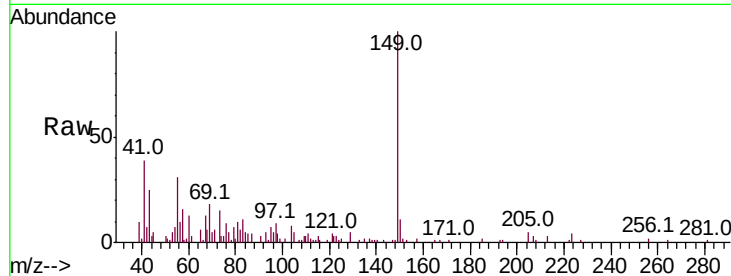
#74
Di-n-butylphthalate
Concen: 8.906 ng
RT: 17.92 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Instrument :
BNA_M
ClientSampleId :
S701A-N-0.0-0.5-082719

Tot Ion	Ratio	Resp	Lower	Upper
149	100	47428		
150	10.7		7.4	11.0
104	7.7		5.6	8.4

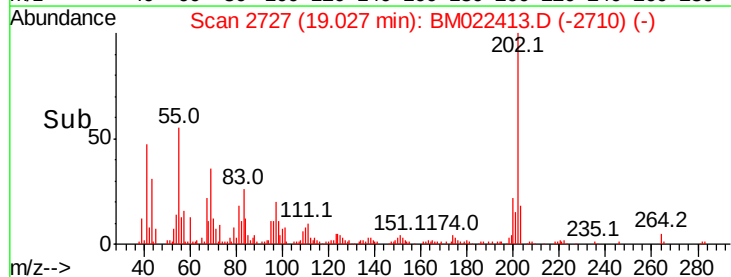
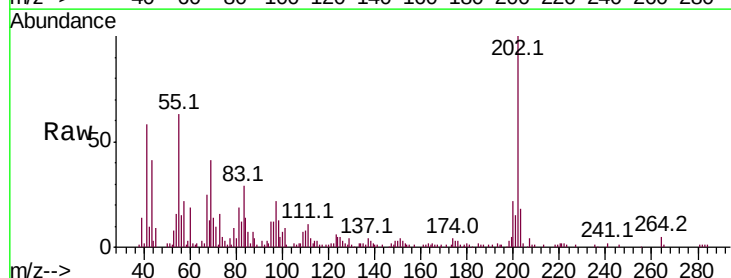
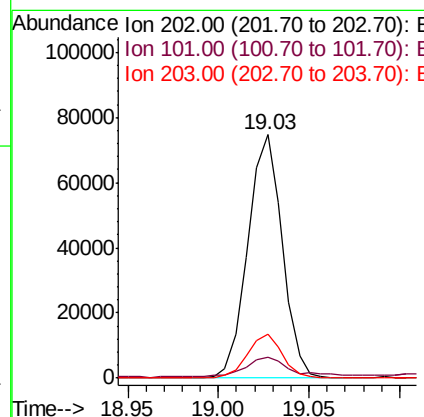
Manual Integrations
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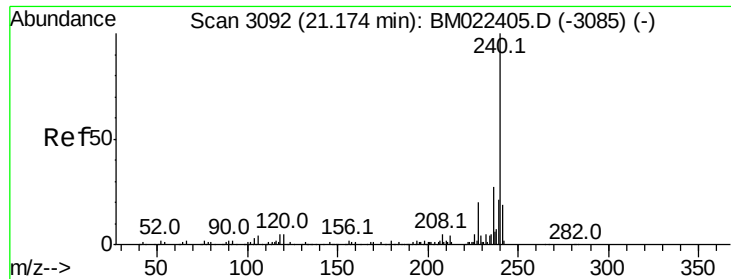
Jagrut
8/30/2019 10:29:52 AM



#75
Fluoranthene
Concen: 15.302 ng
RT: 19.03 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	98405		
101	8.7		0.0	25.1
203	17.8		0.0	37.1





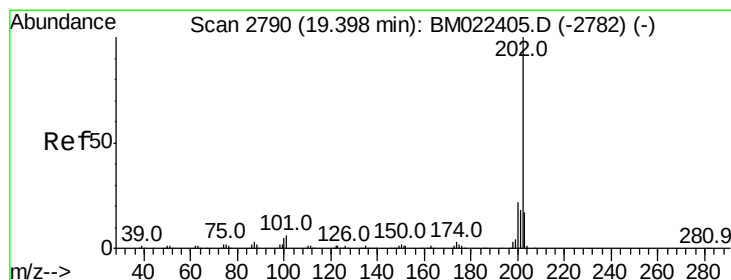
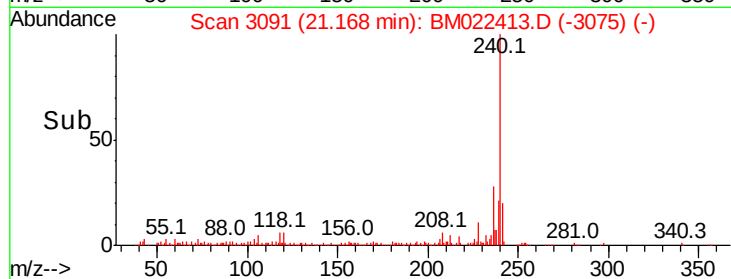
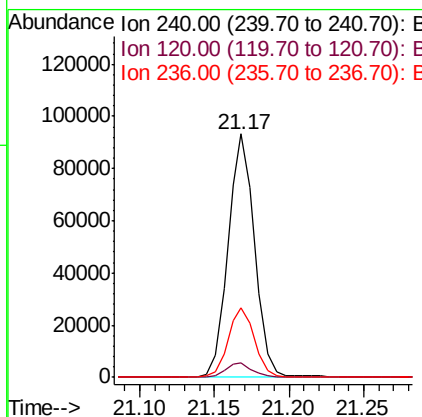
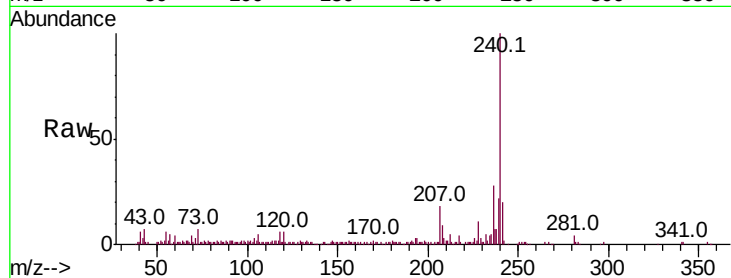
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Instrument :
BNA_M
ClientSampleId :
S701A-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.1	3.9	5.9#
236	28.3	21.4	32.2

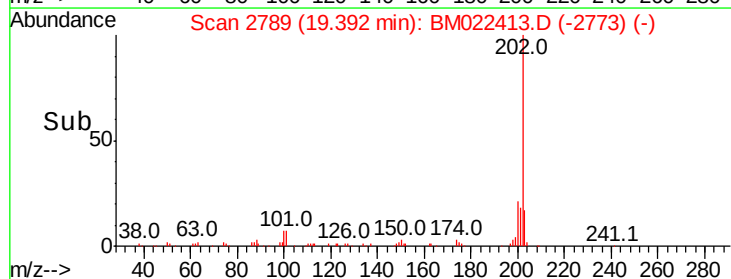
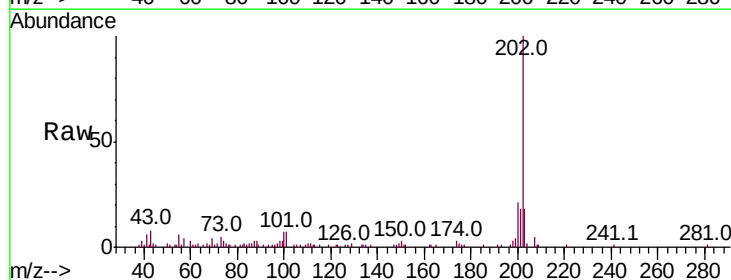
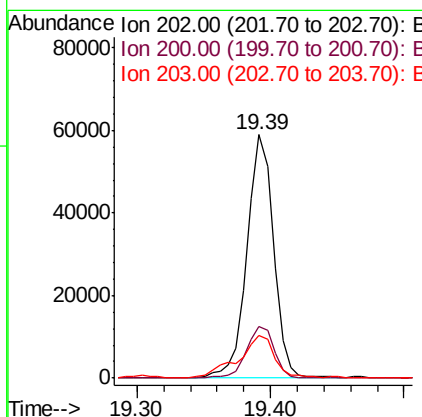
Manual Integrations
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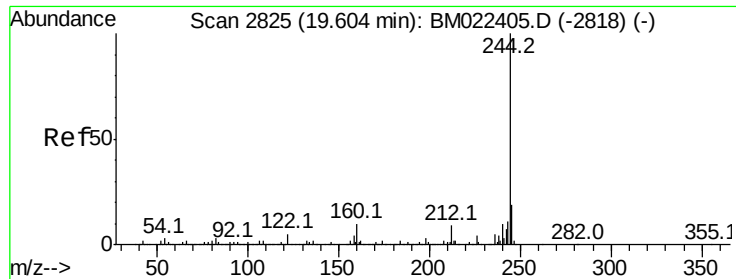
Jagrut
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#78
Pyrene
Concen: 10.226 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.6	13.8	20.8





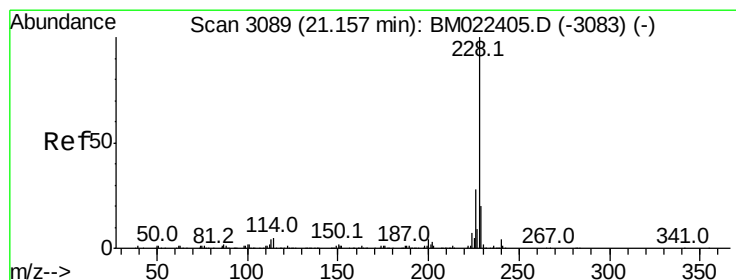
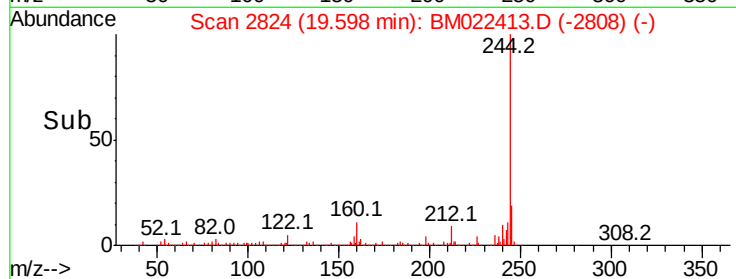
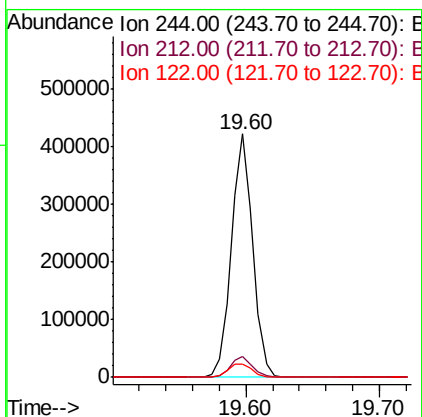
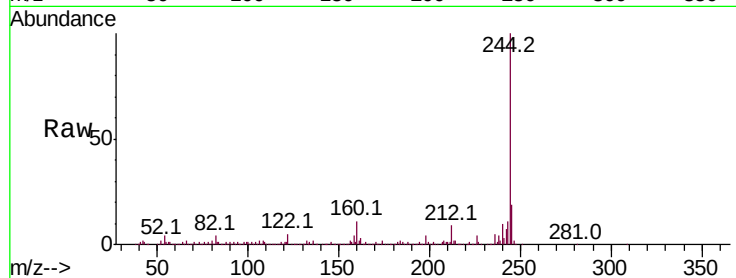
#79
 Terphenyl-d14
 Concen: 53.479 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM022413.D
 Acq: 29 Aug 2019 18:21

Instrument :
 BNA_M
 ClientSampleId :
 S701A-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	5.5	3.9	5.9

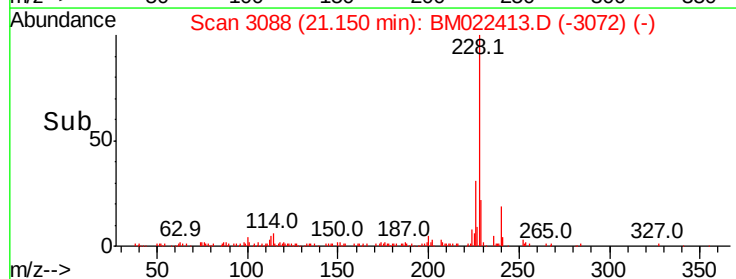
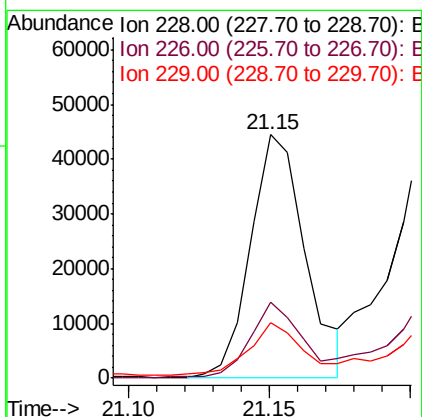
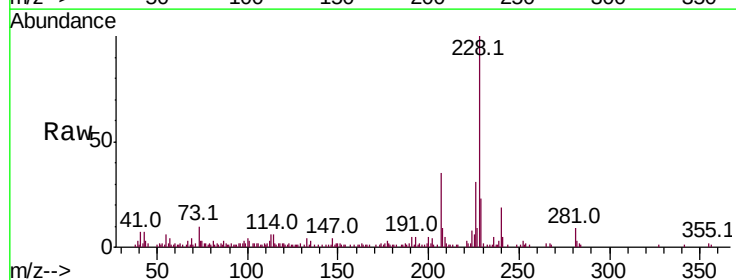
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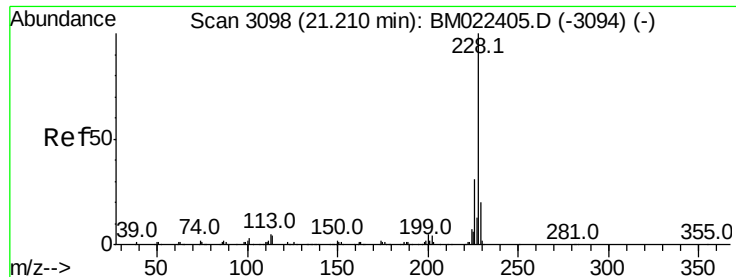
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#81
 Benzo(a)anthracene
 Concen: 7.203 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM022413.D
 Acq: 29 Aug 2019 18:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	34.0
229	22.5	15.9	23.9





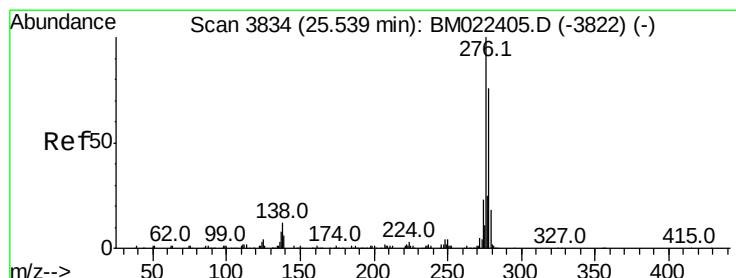
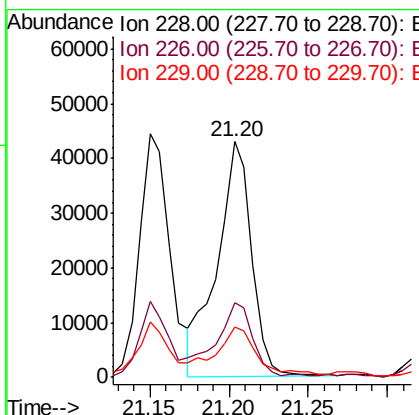
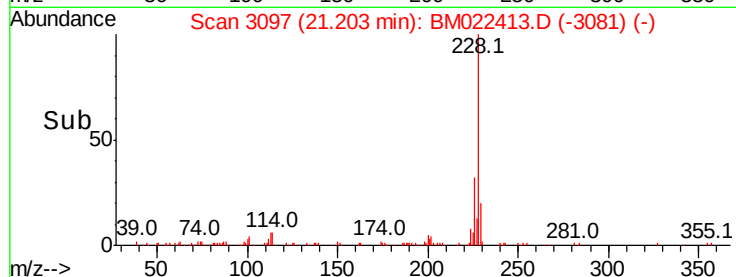
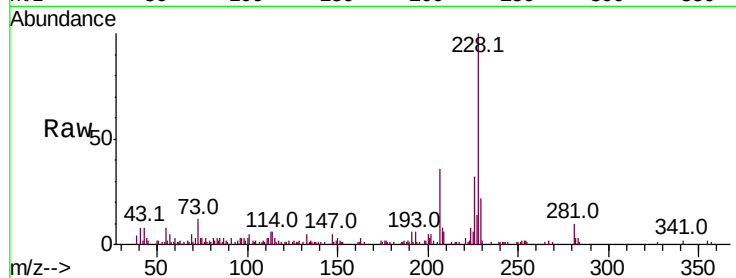
#83
Chrysene
Concen: 8.112 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Instrument :
BNA_M
ClientSampleId :
S701A-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.5	36.7
229	21.6	15.7	23.5

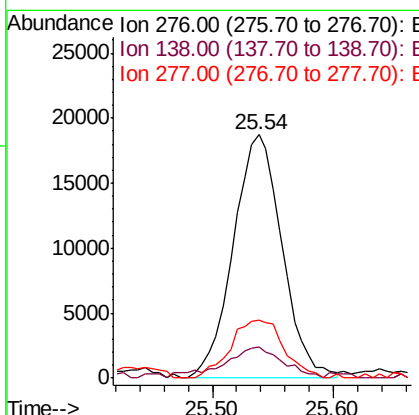
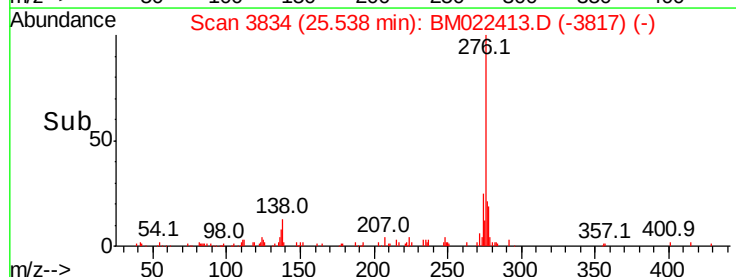
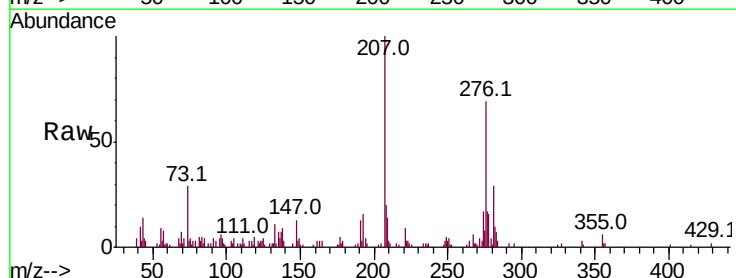
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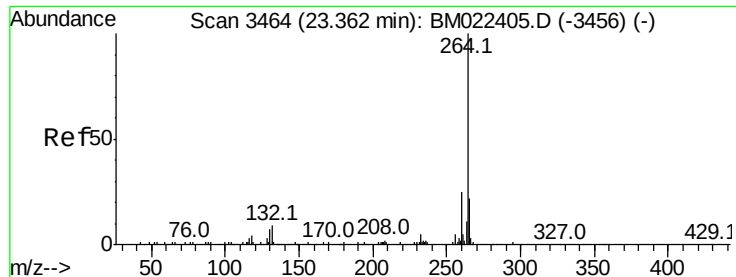
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#86
Indeno(1,2,3-cd)pyrene
Concen: 6.579 ng
RT: 25.54 min Scan# 3834
Delta R.T. -0.00 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	9.1	13.7#
277	26.0	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM022413.D

Acq: 29 Aug 2019 18:21

Instrument :

BNA_M

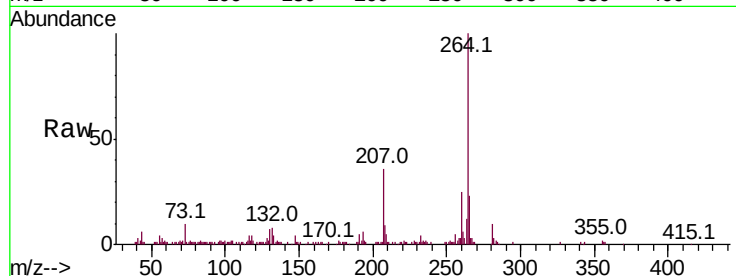
ClientSampleId :

S701A-N-0.0-0.5-082719

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	25.2	20.2	30.2	
265	23.3	18.2	27.2	

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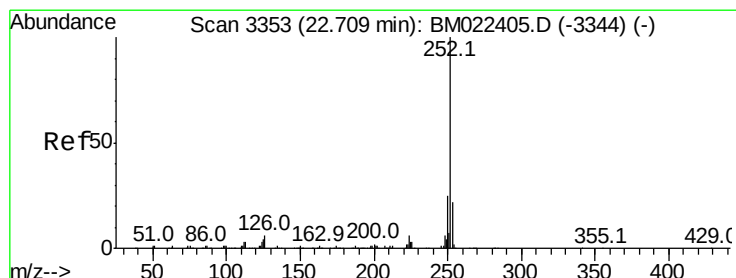
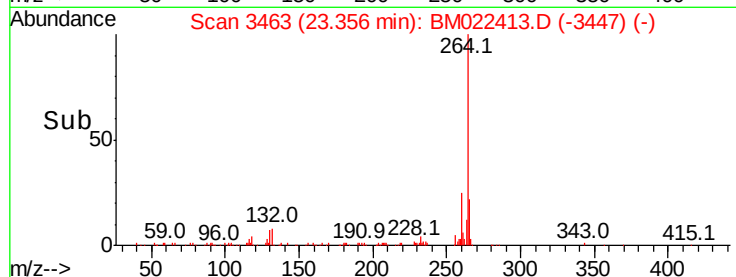
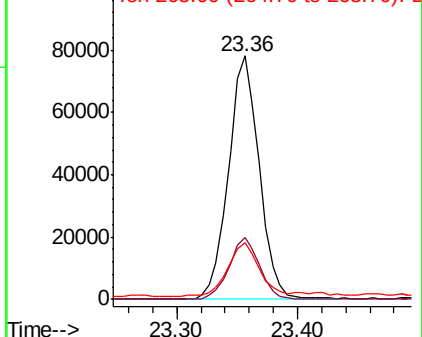


Abundance

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: 12.947 ng m

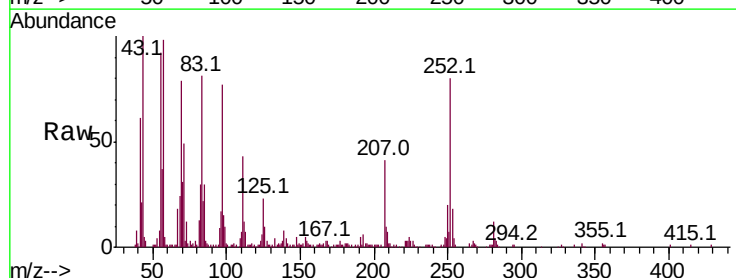
RT: 22.71 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BM022413.D

Acq: 29 Aug 2019 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.8	17.9	26.9	
125	28.4	3.5	5.3	

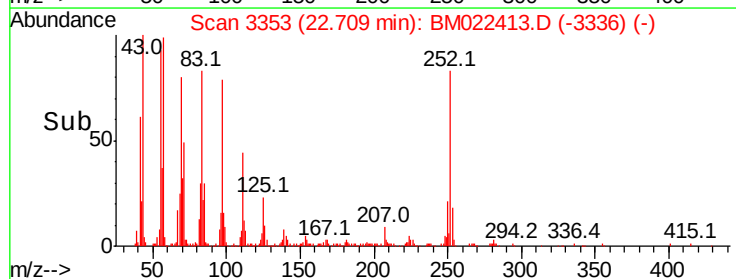
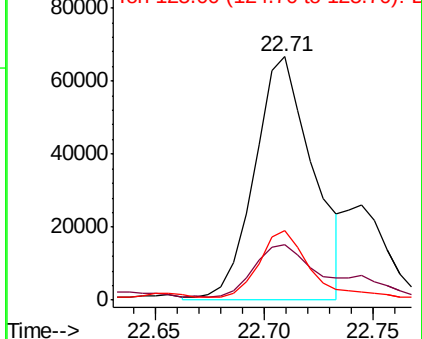


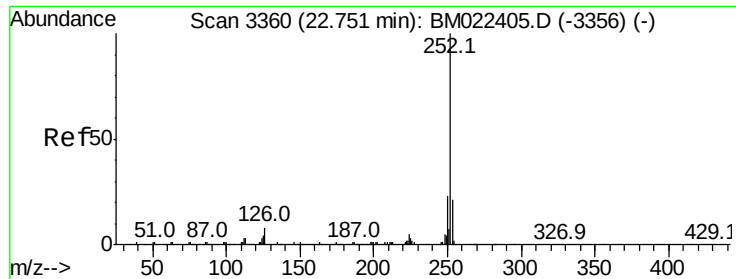
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





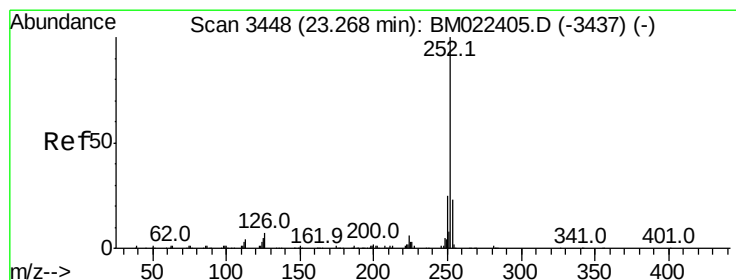
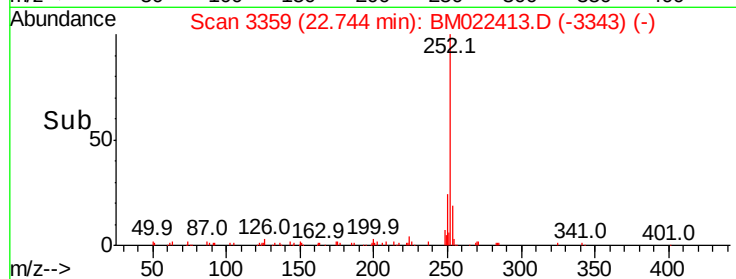
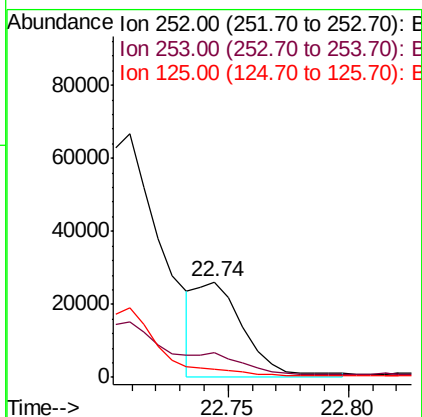
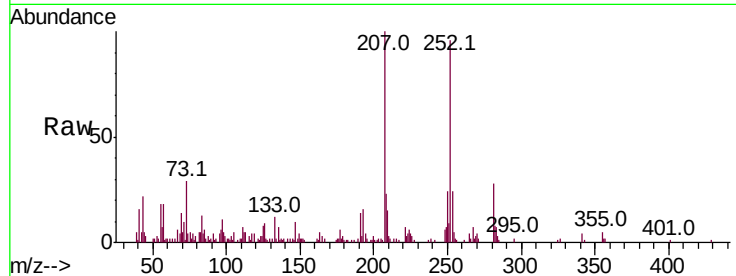
#89
Benzo(k)fluoranthene
Concen: 3.810 ng m
RT: 22.74 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Instrument :
BNA_M
ClientSampleId :
S701A-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.4
125	8.1	3.7	5.5#

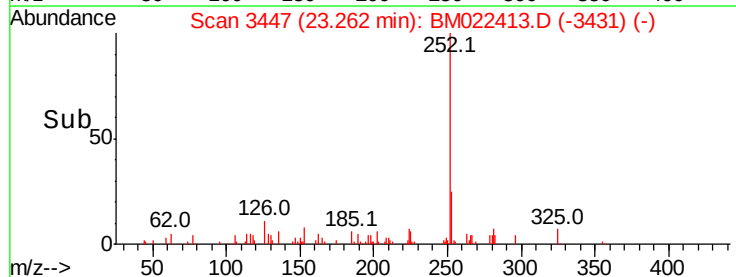
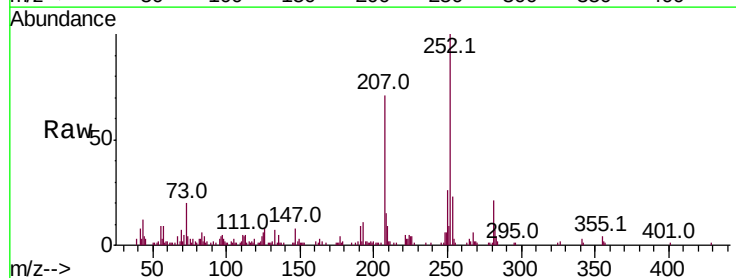
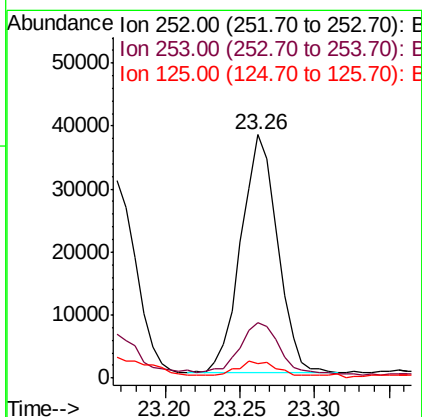
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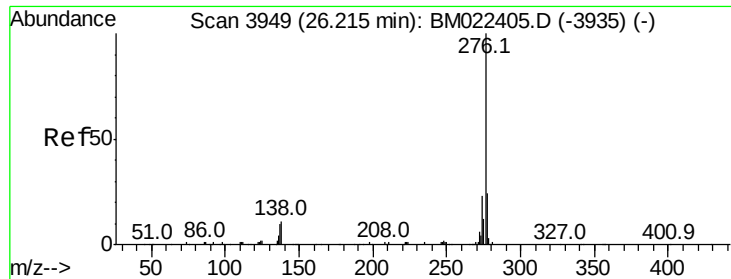
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#90
Benzo(a)pyrene
Concen: 7.526 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM022413.D
Acq: 29 Aug 2019 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	5.8	3.8	5.8#





#92
 Benzo(a,h,i)perylene
 Concen: 7.672 ng
 RT: 26.20 min Scan# 3947
 Delta R.T. -0.01 min
 Lab File: BM022413.D
 Acq: 29 Aug 2019 18:21

Instrument :
 BNA_M
 ClientSampleId :
 S701A-N-0.0-0.5-082719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	24.8	19.4	29.0		
138	13.5	8.8	13.2		

Manual Integrations
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 8/30/2019 10:29:52 AM

