

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
 Data File : BM029435.D
 Acq On : 09 Apr 2021 17:23
 Operator : CG/JU
 Sample : M1881-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQG9

Manual Integrations
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 4/12/2021 2:46:15 PM

Quant Time: Apr 09 17:56:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 09 11:03:41 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	96419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	364336	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	198472	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	362363	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	344416	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	357165	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	9174	3.63	ng/uL	0.00
5) Phenol-d5	6.86	99	167883	20.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	109596	21.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	131949	21.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	125310	20.13	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	57925	22.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	58446	22.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	111151	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	113406	17.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	325145	22.87	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	406332	22.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	28669	11.00	ng/ul	0.00
58) Fluorene-d10	15.32	176	266678	22.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	11101	5.39	ng/ul	0.00
71) Anthracene-d10	17.16	188	385554	23.41	ng/ul	0.00
79) Pyrene-d10	19.46	212	409070	24.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	428157	23.49	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.89	94	19162	2.223	ng/ul	98
14) Acetophenone	8.50	105	17195	1.689	ng/ul	98
45) Dimethylphthalate	13.78	163	26099	1.786	ng/ul	97
48) Acenaphthylene	14.05	152	43045	2.454	ng/ul	97
50) Acenaphthene	14.39	153	28411	2.174	ng/ul	96
54) Dibenzofuran	14.72	168	31496	1.764	ng/ul	97
59) Fluorene	15.37	166	61659	4.107	ng/ul	99
70) Phenanthrene	17.11	178	1169671	56.068	ng/ul	100
72) Anthracene	17.20	178	248865	11.624	ng/ul	99
75) Carbazole	17.47	167	64109	3.307	ng/ul	100
77) Fluoranthene	19.13	202	2004080	84.870	ng/ul	99
80) Pyrene	19.49	202	1573200	68.973	ng/ul	99
83) Benzo(a)anthracene	21.23	228	655856	30.201	ng/ul	96
85) Chrysene	21.28	228	645089	30.380	ng/ul	96
88) Benzo(b)fluoranthene	22.79	252	792834	34.482	ng/ul#	96
89) Benzo(k)fluoranthene	22.83	252	268802m	11.906	ng/ul	
91) Benzo(a)pyrene	23.36	252	556329	27.274	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.67	276	376046	14.086	ng/ul	96
93) Dibenzo(a,h)anthracene	25.68	278	86988	3.878	ng/ul#	87
94) Benzo(g,h,i)perylene	26.36	276	299071	13.793	ng/ul	98

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

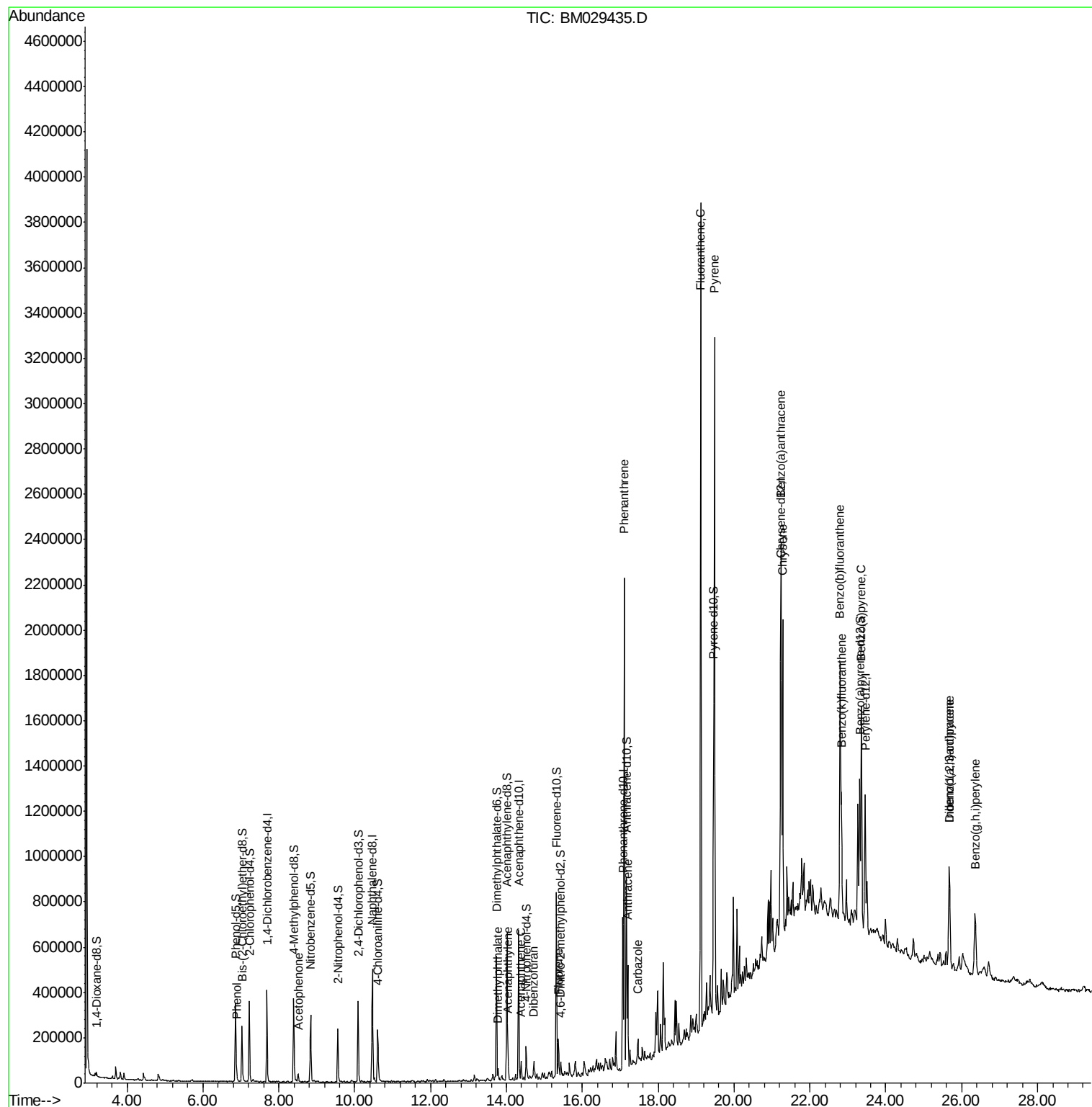
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029435.D
Acq On : 09 Apr 2021 17:23
Operator : CG/JU
Sample : M1881-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

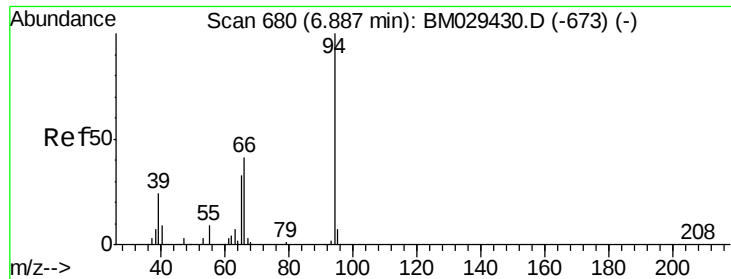
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Apr 09 17:56:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
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#6

Phenol

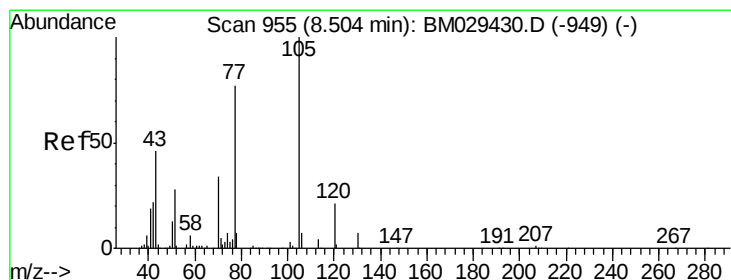
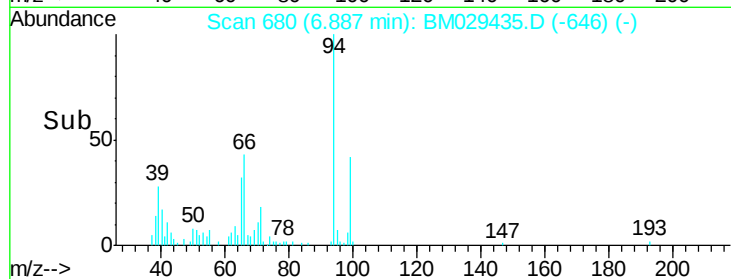
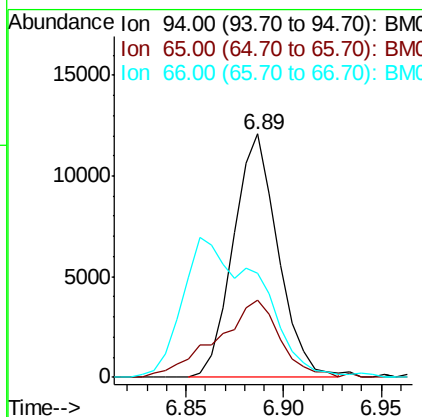
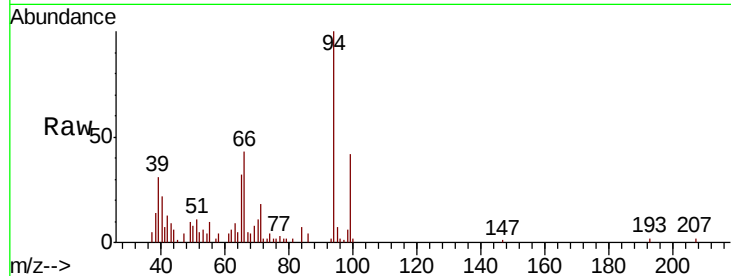
Concen: 2.223 ng/ul
 RT: 6.89 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BM029435.D
 Acq: 09 Apr 2021 17:23

Instrument :
 BNA_M
 ClientSampleId :
 ESQG9

Tot Ion	Ratio	Lower	Upper
94	100		
65	31.6	26.7	40.1
66	42.9	33.8	50.8

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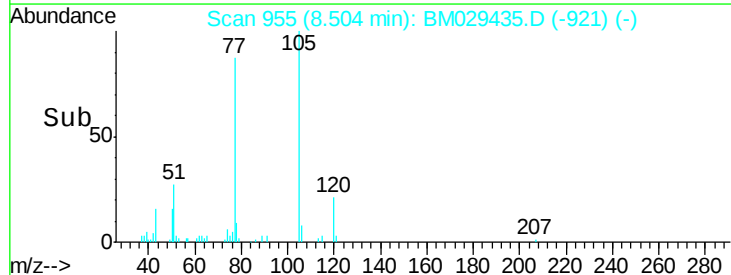
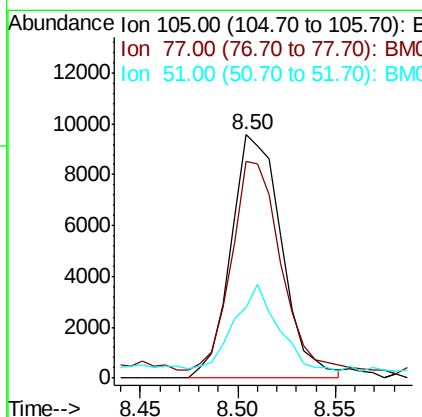
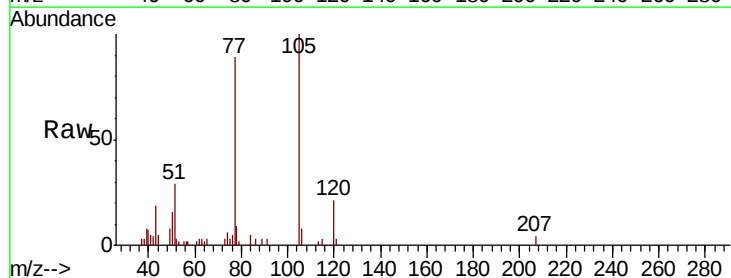


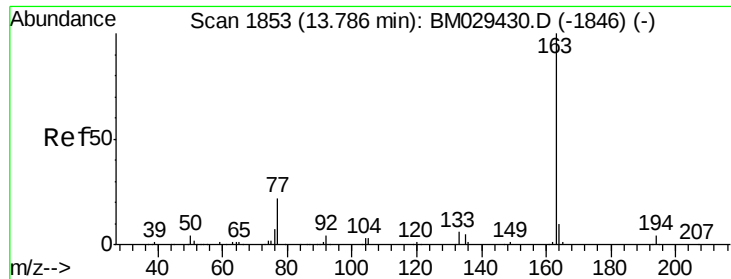
#14

Acetophenone

Concen: 1.689 ng/ul
 RT: 8.50 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BM029435.D
 Acq: 09 Apr 2021 17:23

Tgt Ion	Ratio	Lower	Upper
105	100		
77	89.2	71.8	107.6
51	29.0	25.3	37.9





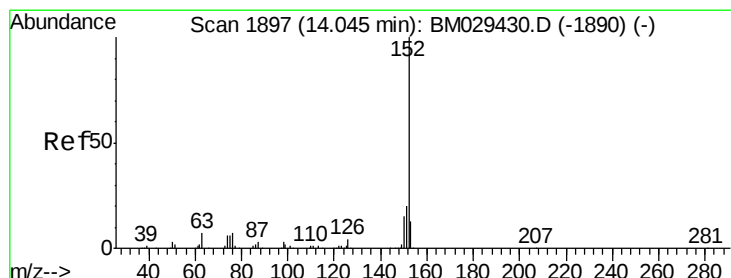
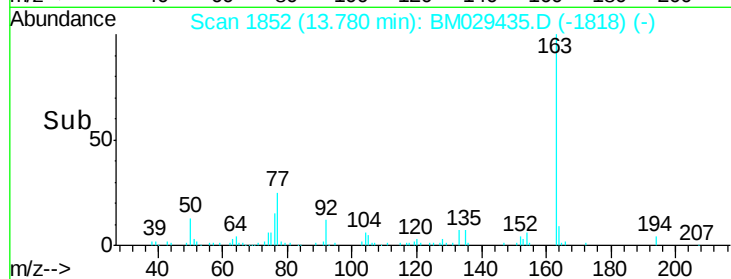
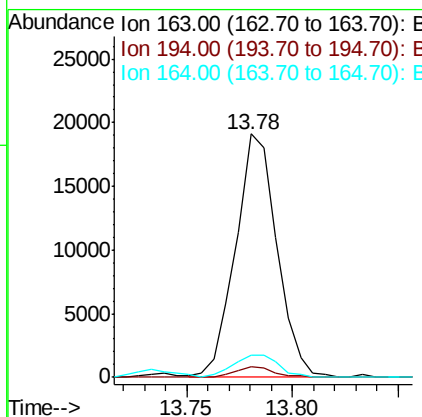
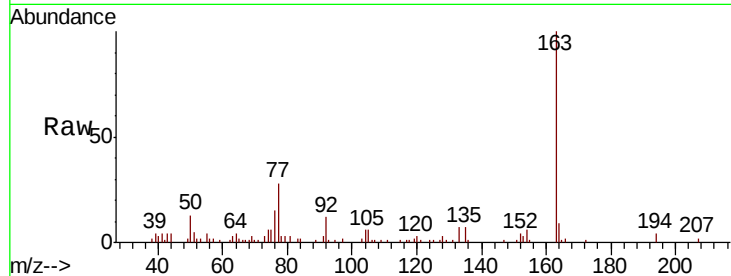
#45
Dimethylphthalate
Concen: 1.786 ng/ul
RT: 13.78 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BM029435.D
Acq: 09 Apr 2021 17:23

Instrument :
BNA_M
ClientSampleId :
ESQG9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		26099		
194	4.2		3.0	4.6	
164	8.9		8.1	12.1	

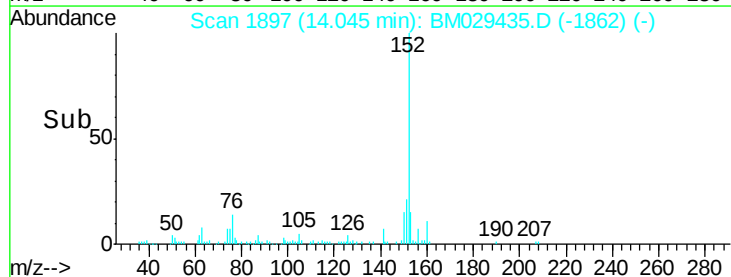
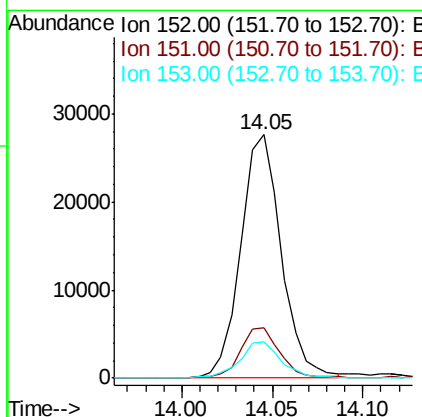
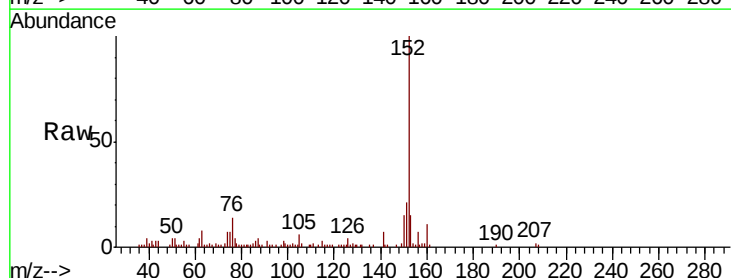
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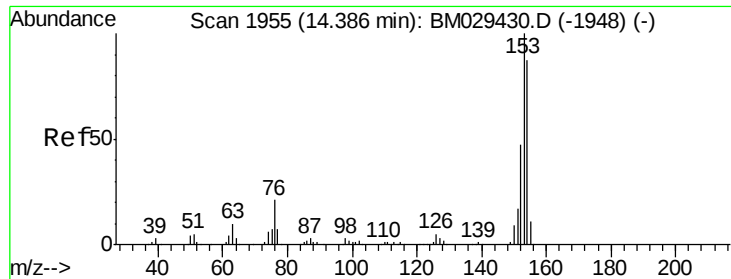
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#48
Acenaphthylene
Concen: 2.454 ng/ul
RT: 14.05 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BM029435.D
Acq: 09 Apr 2021 17:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		43045		
151	20.8		15.7	23.5	
153	14.8		10.6	16.0	





#50

Acenaphthene

Concen: 2.174 ng/ul

RT: 14.39 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM029435.D

Acq: 09 Apr 2021 17:23

Instrument :

BNA_M

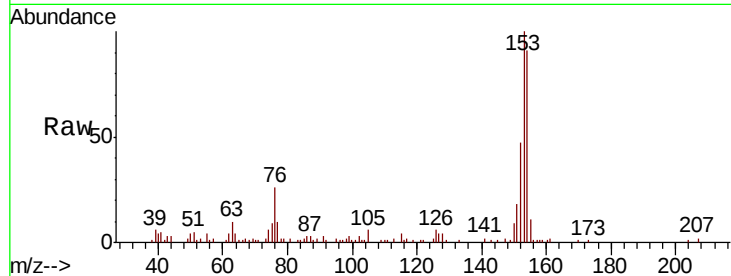
ClientSampleId :

ESQG9

Tot Ion:	153	Resp:	28411
Ion Ratio	Lower	Upper	
153	100		
152	46.9	37.0	55.4
154	91.4	68.7	103.1

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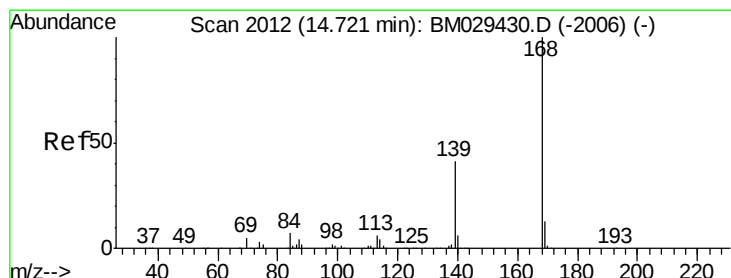
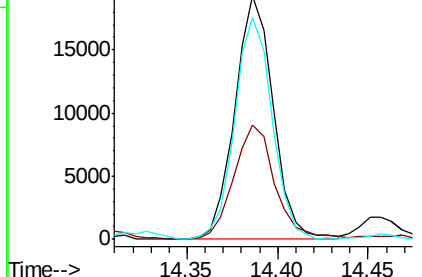
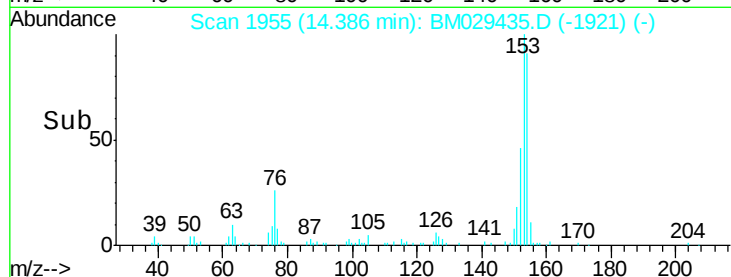


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.39



#54

Dibenzofuran

Concen: 1.764 ng/ul

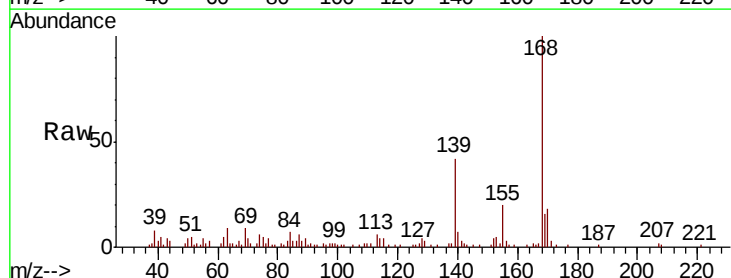
RT: 14.72 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BM029435.D

Acq: 09 Apr 2021 17:23

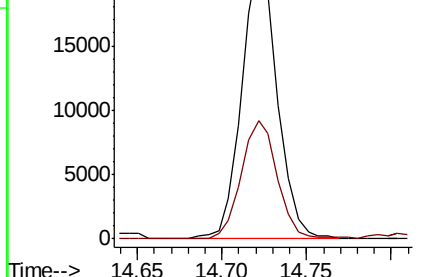
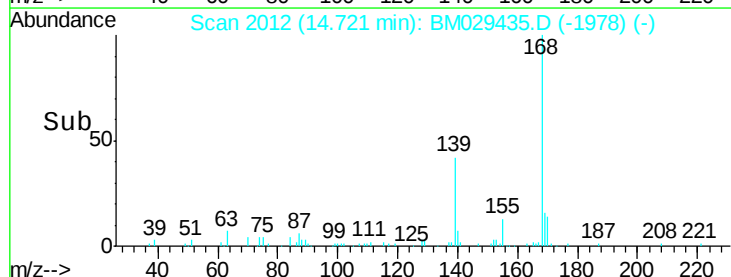
Tgt Ion:	168	Resp:	31496
Ion Ratio	Lower	Upper	
168	100		
139	41.7	31.9	47.9

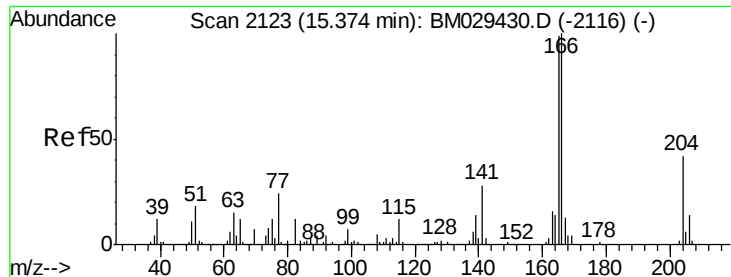


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.72





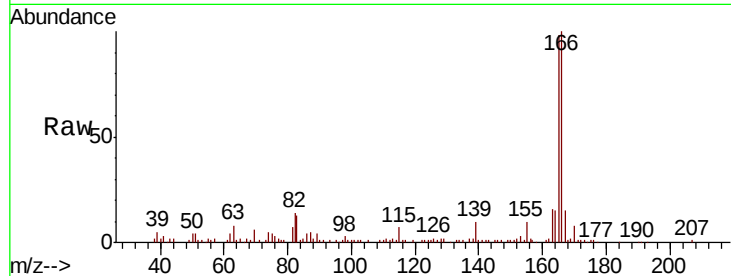
#59
 Fluorene
 Concen: 4.107 ng/ul
 RT: 15.37 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BM029435.D
 Acq: 09 Apr 2021 17:23

Instrument :
 BNA_M
 ClientSampleId :
 ESQG9

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.0	78.9	118.3	
167	15.5	11.3	16.9	

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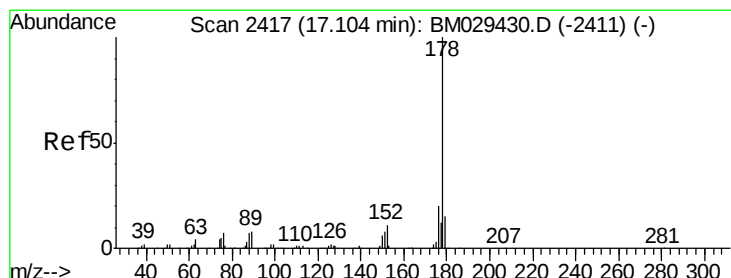
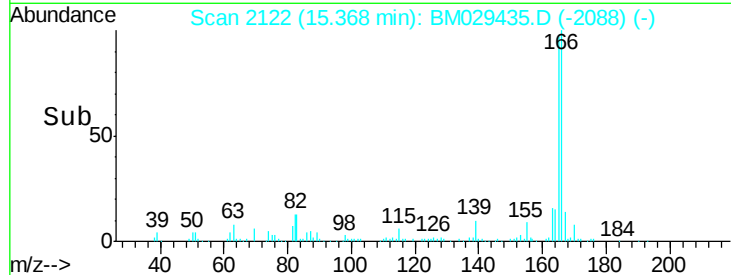
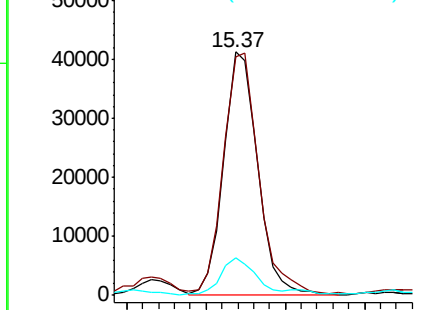


Abundance

Ion 166.00 (165.70 to 166.70): E

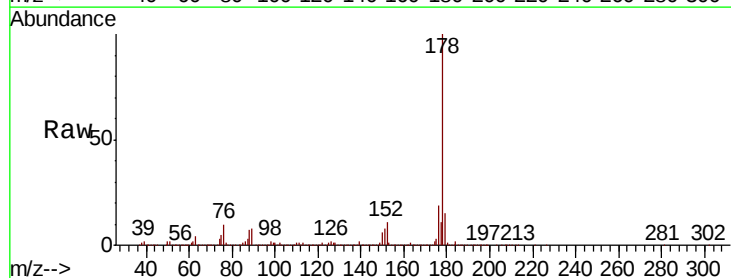
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70
 Phenanthrene
 Concen: 56.068 ng/ul
 RT: 17.11 min Scan# 2418
 Delta R.T. 0.01 min
 Lab File: BM029435.D
 Acq: 09 Apr 2021 17:23

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
179	15.2	12.2	18.2	
176	19.3	15.4	23.2	

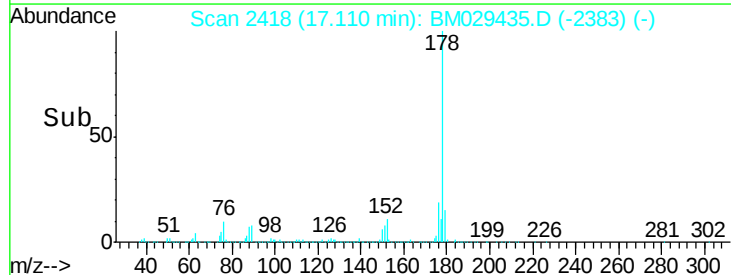
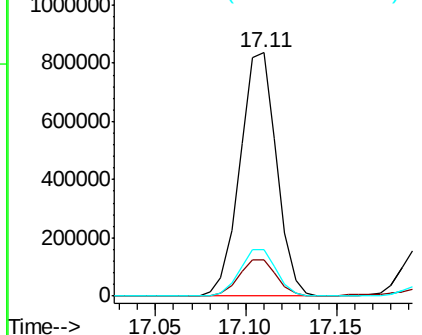


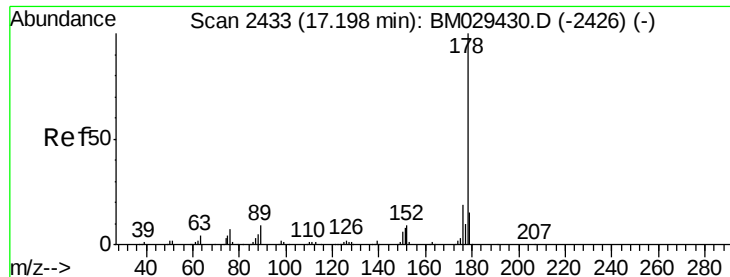
Abundance

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





#72

Anthracene

Concen: 11.624 ng/ul

RT: 17.20 min Scan# 2433

Delta R.T. 0.01 min

Lab File: BM029435.D

Acq: 09 Apr 2021 17:23

Instrument :

BNA_M

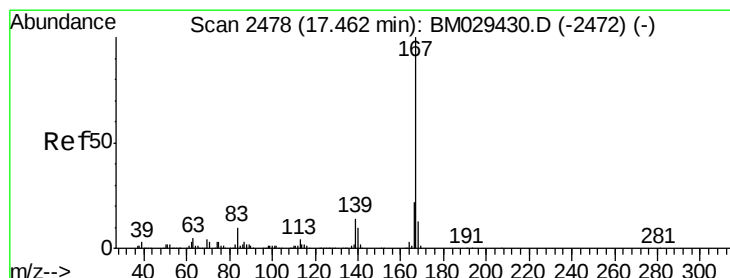
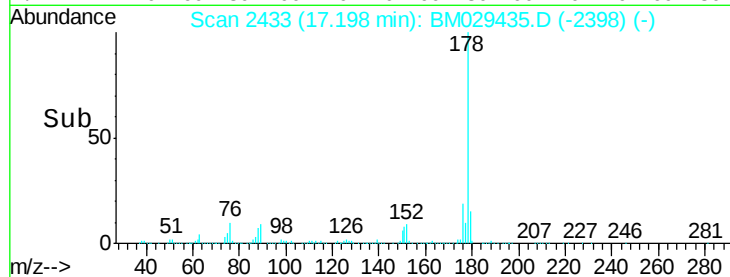
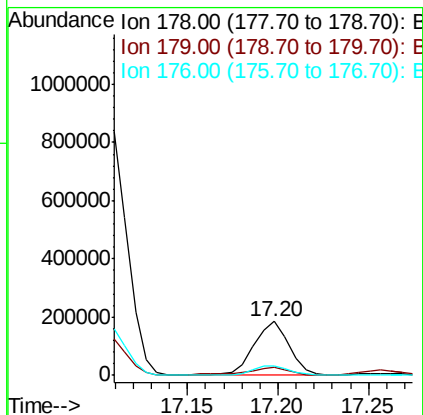
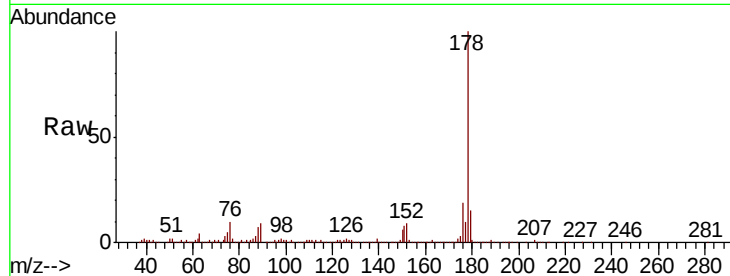
ClientSampleId :

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Tot Ion:	178	Resp:	248865
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.6	19.0
176	18.7	15.4	23.0

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#75

Carbazole

Concen: 3.307 ng/ul

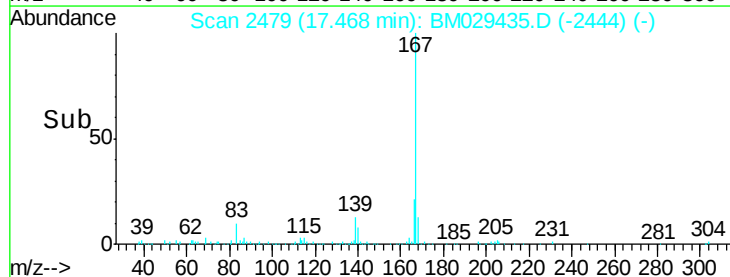
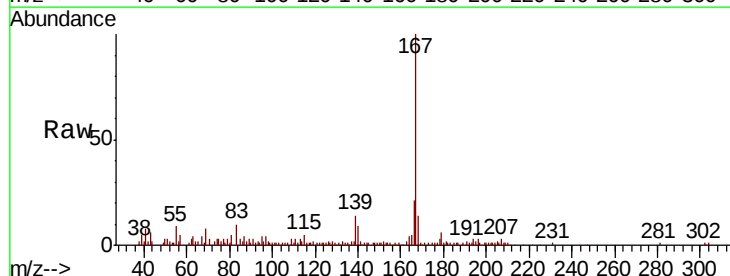
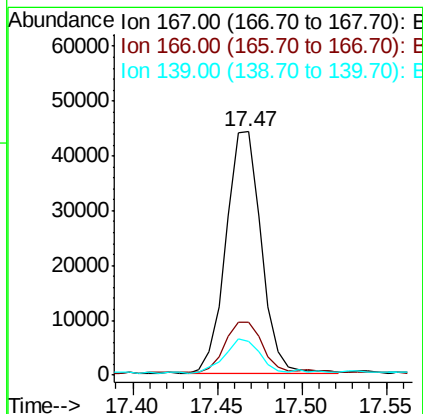
RT: 17.47 min Scan# 2479

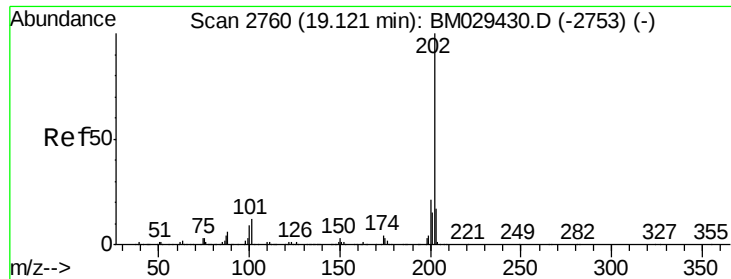
Delta R.T. 0.01 min

Lab File: BM029435.D

Acq: 09 Apr 2021 17:23

Tgt Ion:	167	Resp:	64109
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.3	25.9
139	13.6	10.6	16.0





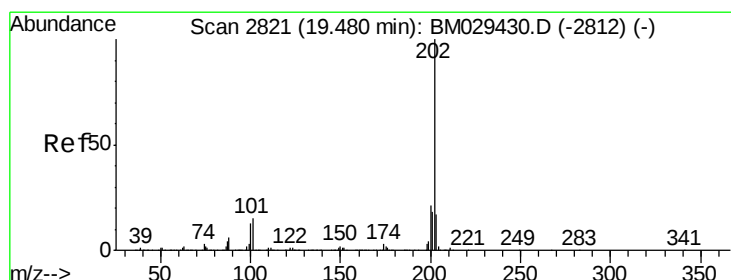
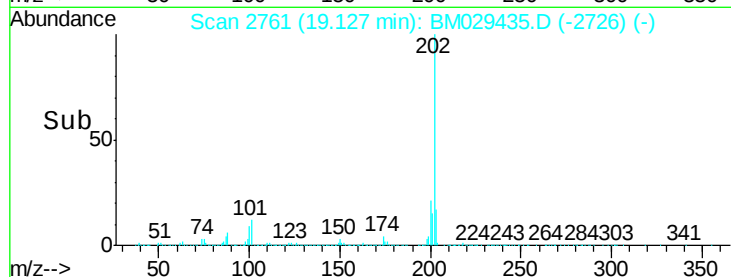
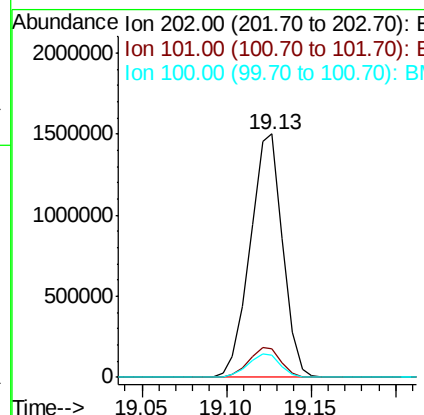
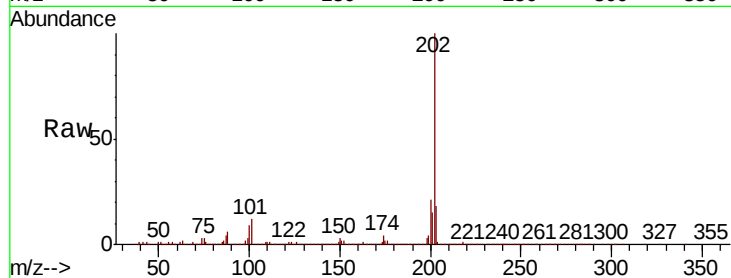
#77
 Fluoranthene
 Concen: 84.870 ng/ul
 RT: 19.13 min Scan# 2761
 Delta R.T. 0.01 min
 Lab File: BM029435.D
 Acq: 09 Apr 2021 17:23

Instrument :
 BNA_M
 ClientSampleId :
 ESQG9

Tot Ion:	202	Resp:	2004080
Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
100	9.0	7.4	11.0

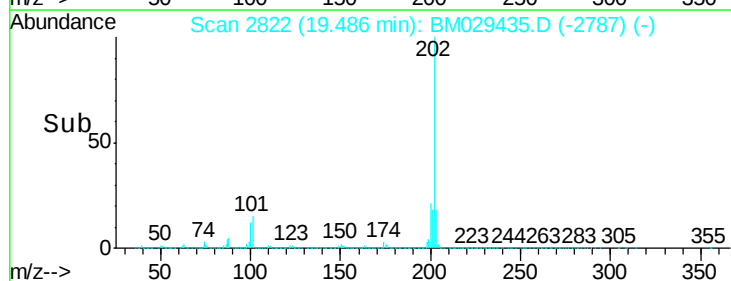
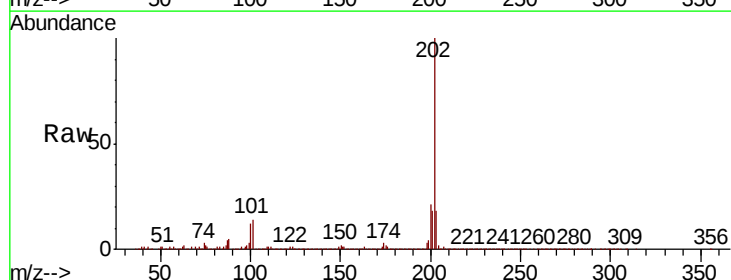
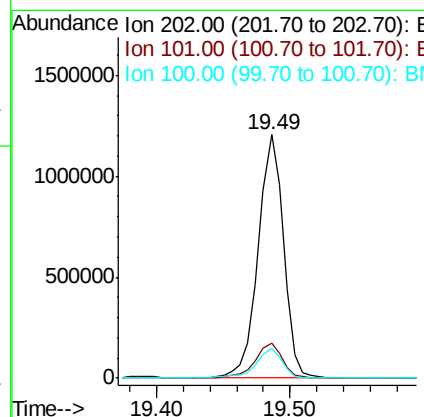
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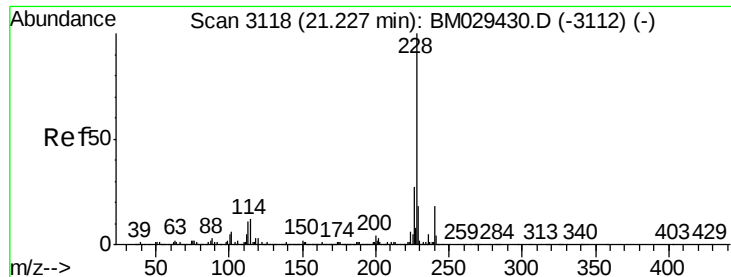
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#80
 Pyrene
 Concen: 68.973 ng/ul
 RT: 19.49 min Scan# 2822
 Delta R.T. 0.01 min
 Lab File: BM029435.D
 Acq: 09 Apr 2021 17:23

Tgt Ion:	202	Resp:	1573200
Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.0	16.6
100	12.2	9.5	14.3





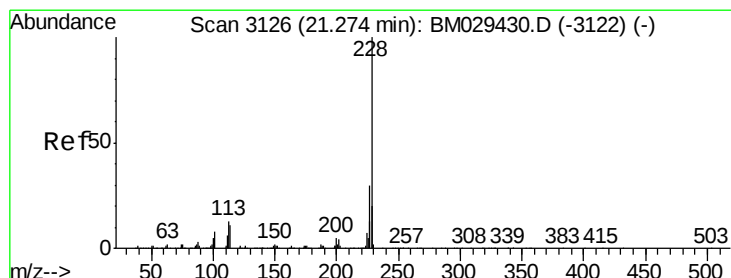
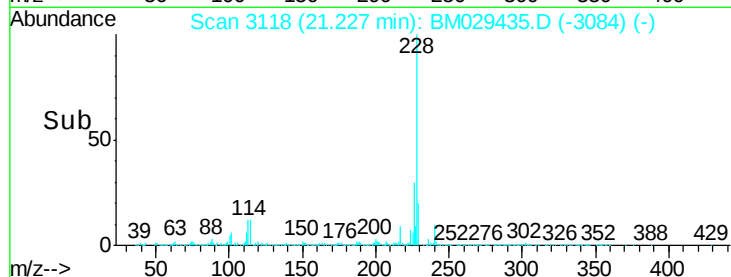
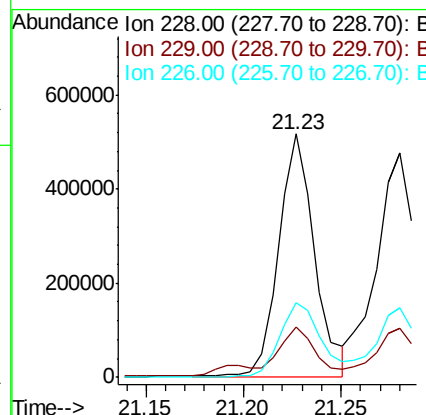
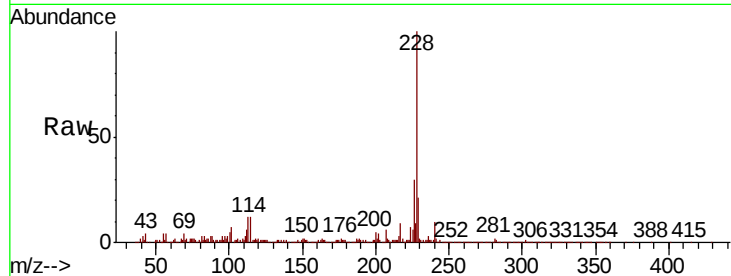
#83
Benzo(a)anthracene
Concen: 30.201 ng/ul
RT: 21.23 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM029435.D
Acq: 09 Apr 2021 17:23

Instrument :
BNA_M
ClientSampleId :
ESQG9

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	30.5	22.3	33.5

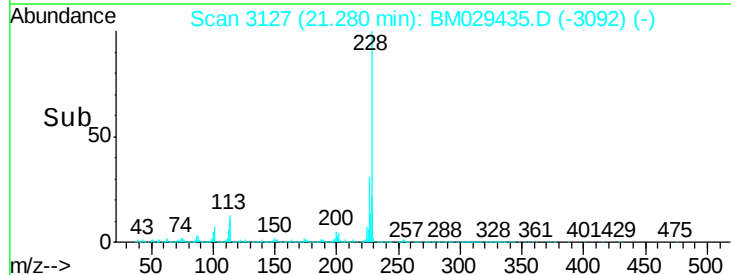
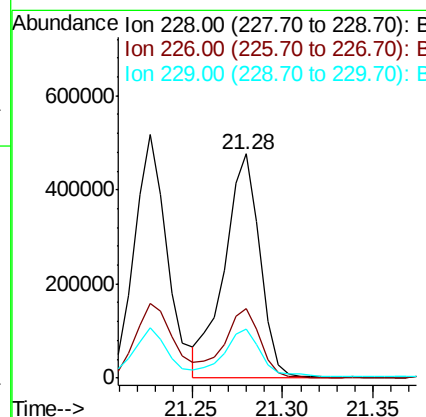
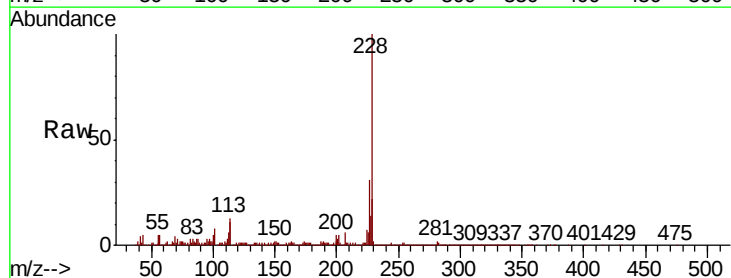
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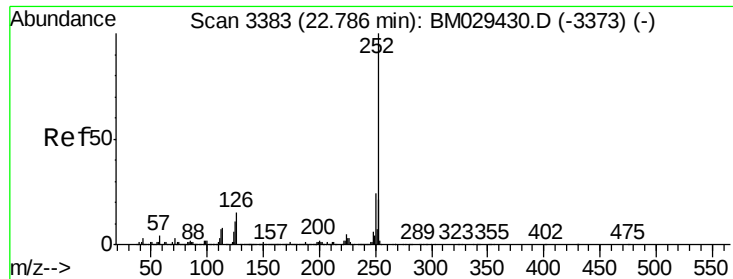
mohammad
4/12/2021 2:46:15 PM



#85
Chrysene
Concen: 30.380 ng/ul
RT: 21.28 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BM029435.D
Acq: 09 Apr 2021 17:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	22.1	15.4	23.0





#88

Benzo(b)fluoranthene

Concen: 34.482 ng/ul

RT: 22.79 min Scan# 3384

Delta R.T. 0.01 min

Lab File: BM029435.D

Acq: 09 Apr 2021 17:23

Instrument :

BNA_M

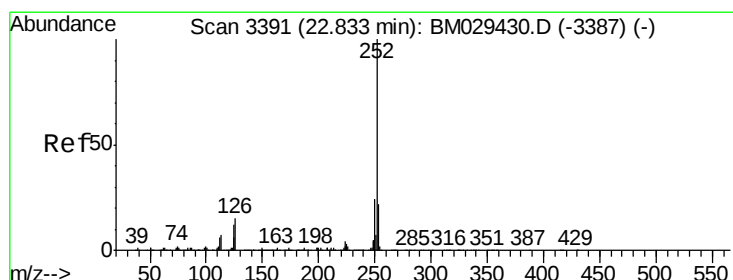
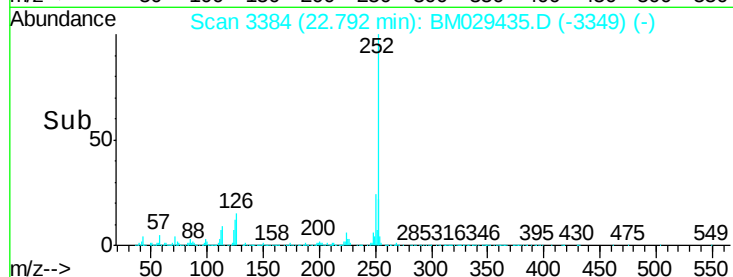
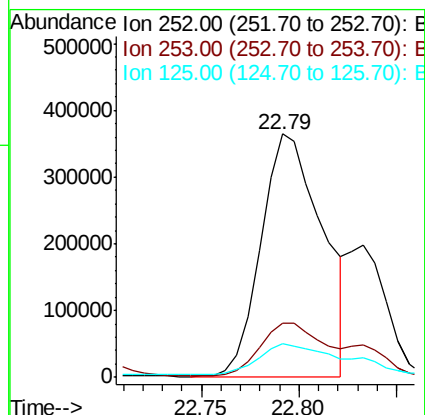
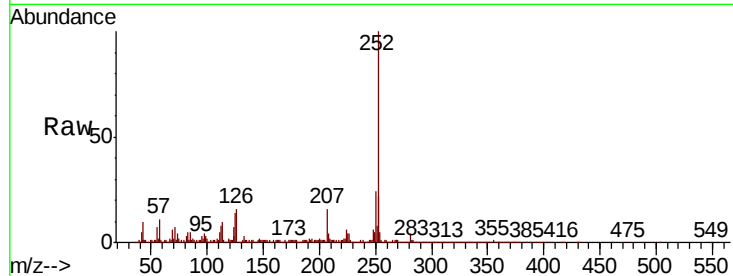
ClientSampleId :

ESQG9

Tot Ion:	252	Resp:	792834
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	13.8	8.8	13.2#

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#89

Benzo(k)fluoranthene

Concen: 11.906 ng/ul m

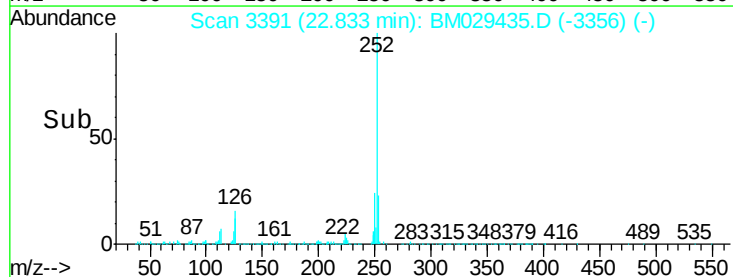
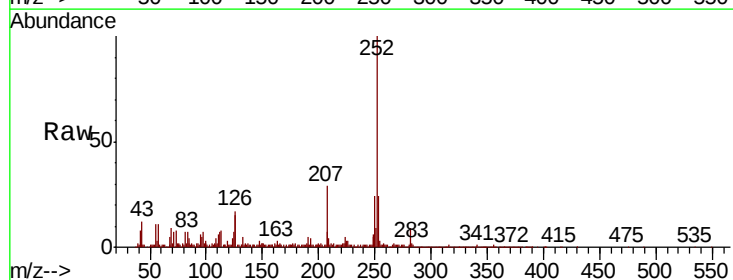
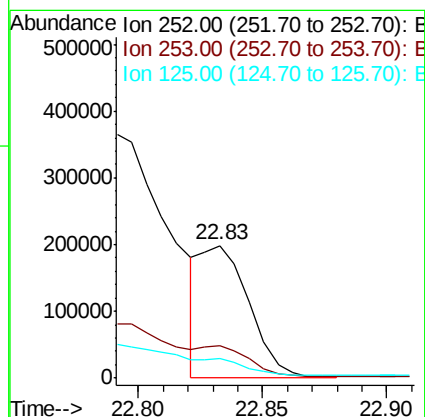
RT: 22.83 min Scan# 3391

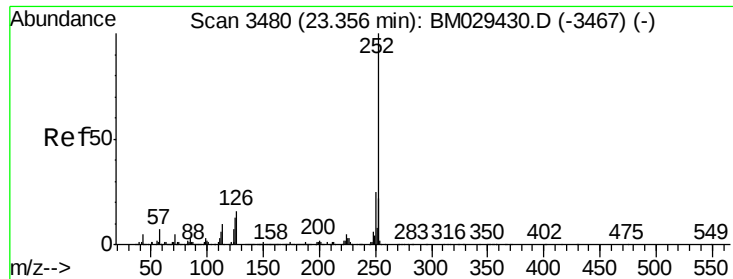
Delta R.T. 0.01 min

Lab File: BM029435.D

Acq: 09 Apr 2021 17:23

Tgt Ion:	252	Resp:	268802
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.1	25.7
125	14.9	9.4	14.0#





#91

Benzo(a)pyrene

Concen: 27.274 ng/ul

RT: 23.36 min Scan# 3480

Delta R.T. 0.01 min

Lab File: BM029435.D

Acq: 09 Apr 2021 17:23

Instrument :

BNA_M

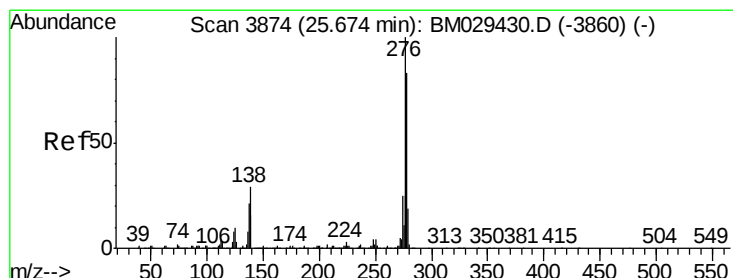
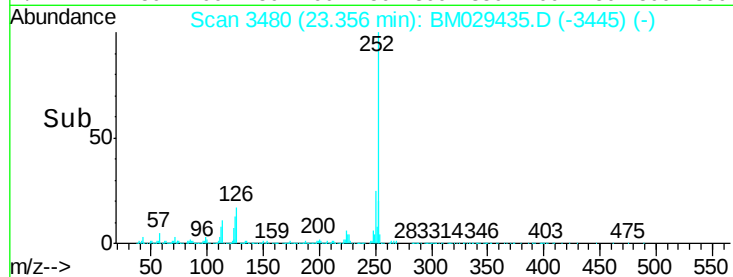
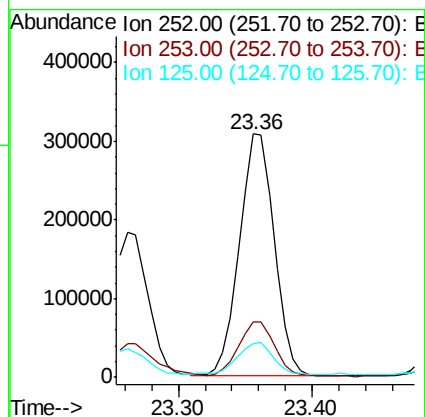
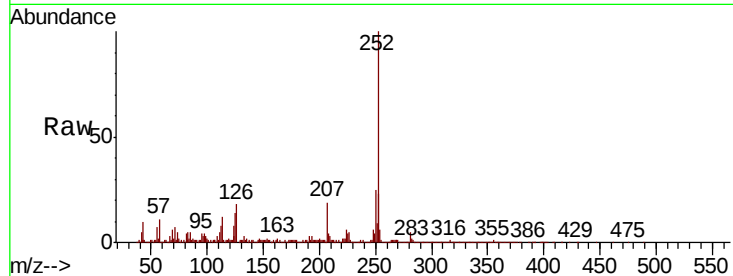
ClientSampled :

ESQG9

Tot Ion:	252	Resp:	556329
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	14.0	9.8	14.8

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#92

Indeno(1,2,3-cd)pyrene

Concen: 14.086 ng/ul

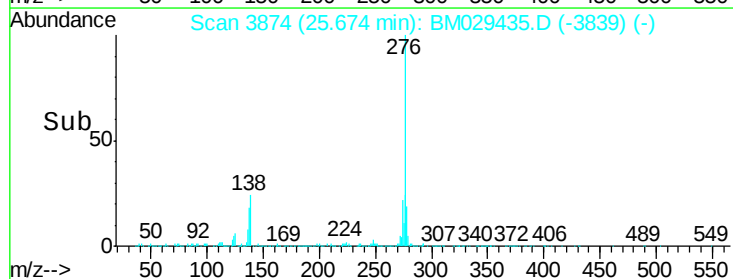
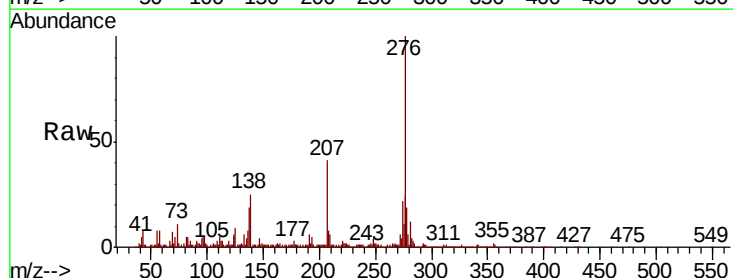
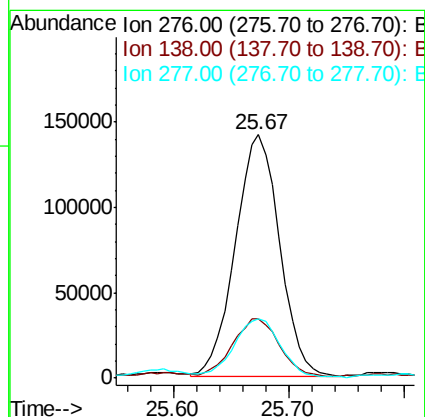
RT: 25.67 min Scan# 3874

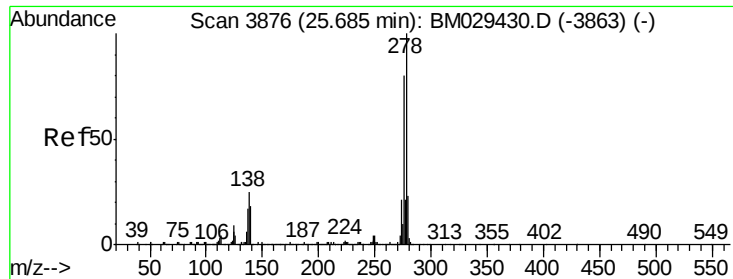
Delta R.T. 0.01 min

Lab File: BM029435.D

Acq: 09 Apr 2021 17:23

Tgt Ion:	276	Resp:	376046
Ion Ratio	Lower	Upper	
276	100		
138	24.6	22.3	33.5
277	24.4	19.7	29.5





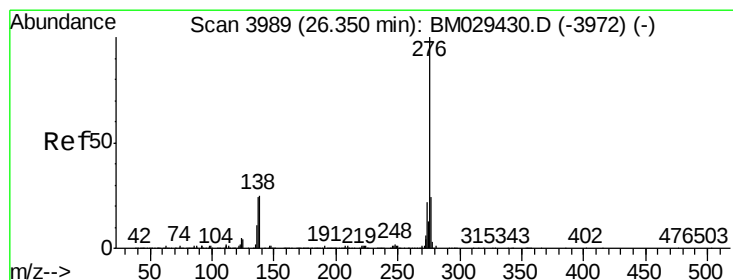
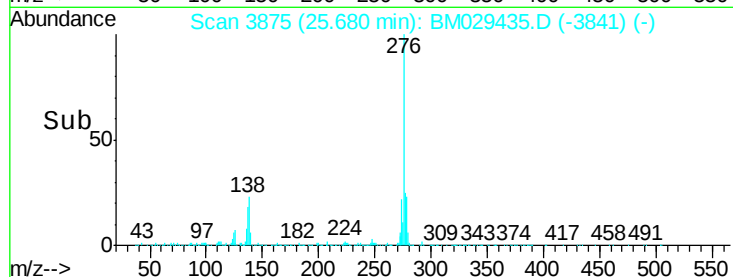
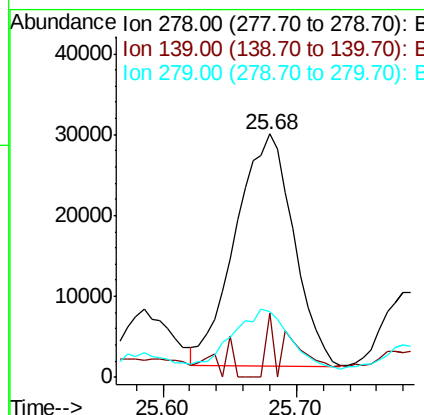
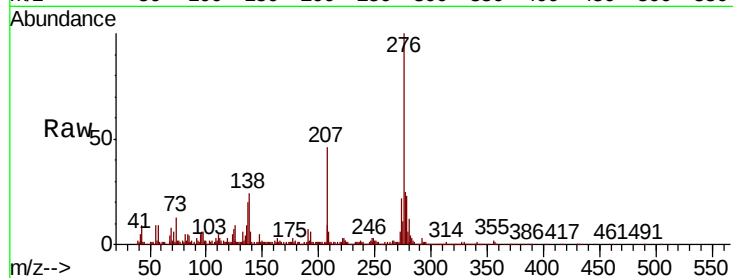
#93
Dibenzo(a,h)anthracene
Concen: 3.878 ng/ul
RT: 25.68 min Scan# 3875
Delta R.T. -0.00 min
Lab File: BM029435.D
Acq: 09 Apr 2021 17:23

Instrument :
BNA_M
ClientSampleId :
ESQG9

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.3	14.7	22.1#
279	27.2	18.2	27.2

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#94
Benzo(g,h,i)perylene
Concen: 13.793 ng/ul
RT: 26.36 min Scan# 3990
Delta R.T. 0.01 min
Lab File: BM029435.D
Acq: 09 Apr 2021 17:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.5	29.3
277	24.6	18.8	28.2

