

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029929.D
 Acq On : 11 May 2021 06:24
 Operator : CG/JU
 Sample : M2177-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG582

Manual Integrations
 APPROVED

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 5/11/2021 2:33:45 PM

Quant Time: May 11 07:59:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 11 05:09:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	151200	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	664167	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	433545	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	831313	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	631454	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	630792	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	10367	2.74	ng/uL	0.00
4) Pyridine-d5	3.53	84	42504m	4.48	ng/ul	0.05
7) Phenol-d5	6.74	99	190640	13.56	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	133657	15.33	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	163360	15.05	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	158969	13.67	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	77970	17.04	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	82933	16.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	151746	14.65	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	103847	6.59	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	566347	16.85	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	707414	16.61	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	27034	4.94	ng/ul	0.01
60) Fluorene-d10	15.20	176	506765	17.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	28907	5.35	ng/ul	0.00
73) Anthracene-d10	17.04	188	744530	17.79	ng/ul	0.00
81) Pyrene-d10	19.34	212	715710	22.09	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	602414	16.85	ng/ul	0.00

Target Compounds

					Ovalue	
8) Phenol	6.76	94	23604	1.644	ng/ul#	89
18) 4-Methylphenol	8.33	108	17605	1.460	ng/ul	94
30) Naphthalene	10.37	128	50312	1.365	ng/ul	96
36) 2-Methylnaphthalene	12.00	142	34439	1.288	ng/ul	93
52) Acenaphthene	14.26	153	43308	1.488	ng/ul	94
72) Phenanthrene	16.99	178	437928	8.934	ng/ul#	95
74) Anthracene	17.08	178	98664	1.969	ng/ul#	84
80) Fluoranthene	19.01	202	733682	18.610	ng/ul	96
82) Pyrene	19.37	202	760863	18.339	ng/ul	99
85) Benzo(a)anthracene	21.12	228	268480	6.517	ng/ul#	89
86) Bis(2-ethylhexyl)phthalate	21.06	149	455567	17.920	ng/ul	98
87) Chrysene	21.17	228	339257	8.268	ng/ul#	93
90) Benzo(b)fluoranthene	22.65	252	311123	7.604	ng/ul#	64
91) Benzo(k)fluoranthene	22.69	252	92788m	2.157	ng/ul	
93) Benzo(a)pyrene	23.20	252	203073	5.465	ng/ul#	68
94) Indeno(1,2,3-cd)pyrene	25.44	276	136519	3.035	ng/ul#	87
95) Dibenzo(a,h)anthracene	25.45	278	39799	1.044	ng/ul#	18
96) Benzo(g,h,i)perylene	26.11	276	132072	3.624	ng/ul#	88

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

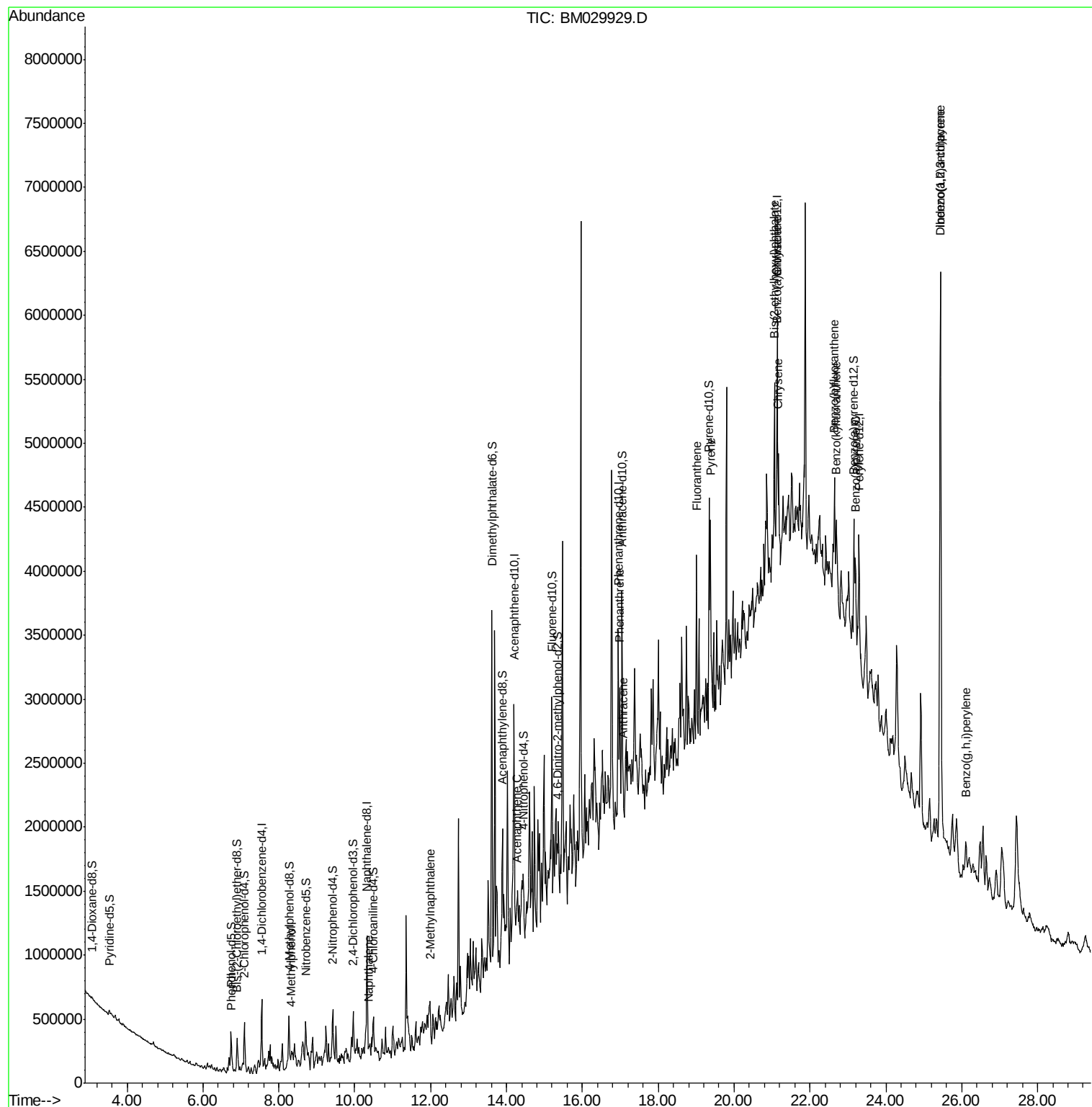
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029929.D
Acq On : 11 May 2021 06:24
Operator : CG/JU
Sample : M2177-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

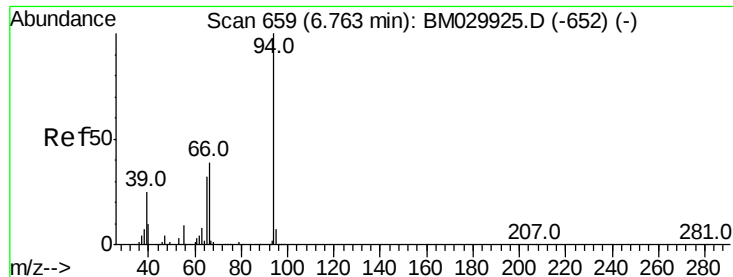
Instrument :
BNA_M
ClientSampled :
BG582

Quant Time: May 11 07:59:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 05:09:24 2021
Response via : Initial Calibration

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#8

Phenol

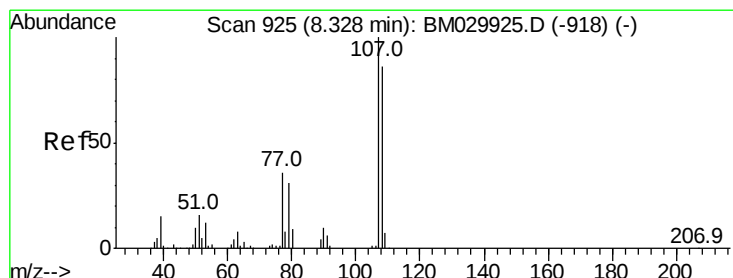
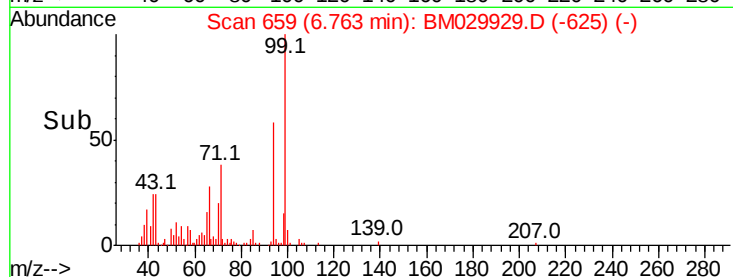
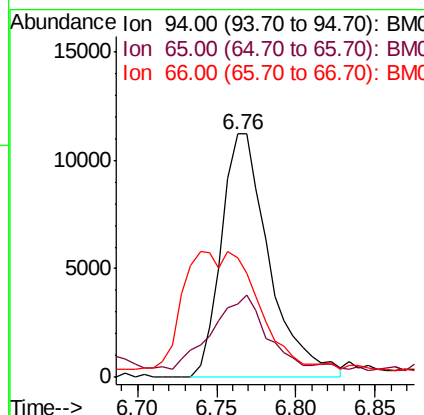
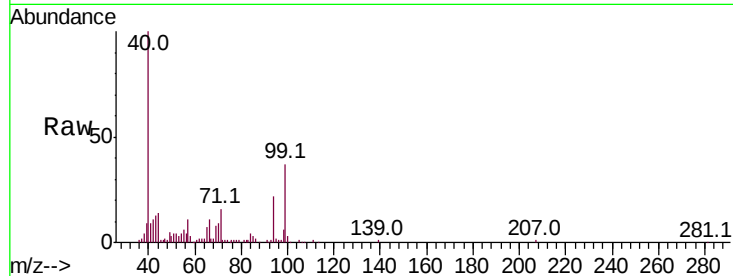
Concen: 1.644 ng/ul
RT: 6.76 min Scan# 659
Delta R.T. 0.00 min
Lab File: BM029929.D
Acq: 11 May 2021 06:24

Instrument :
BNA_M
ClientSampleId :
BG582

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.1	23.3	34.9
66	48.8	30.6	45.8

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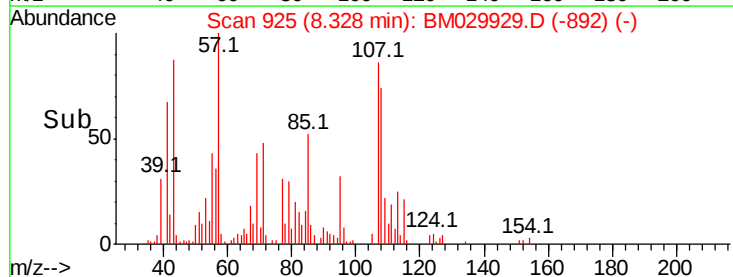
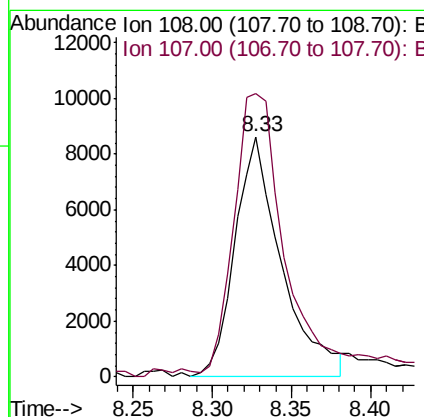
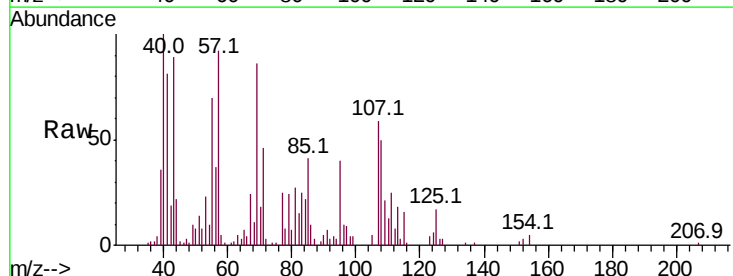


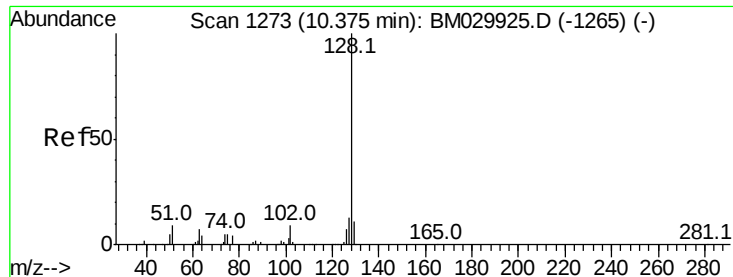
#18

4-Methylphenol

Concen: 1.460 ng/ul
RT: 8.33 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM029929.D
Acq: 11 May 2021 06:24

Tgt Ion	Ratio	Lower	Upper
108	100		
107	118.0	89.4	134.0





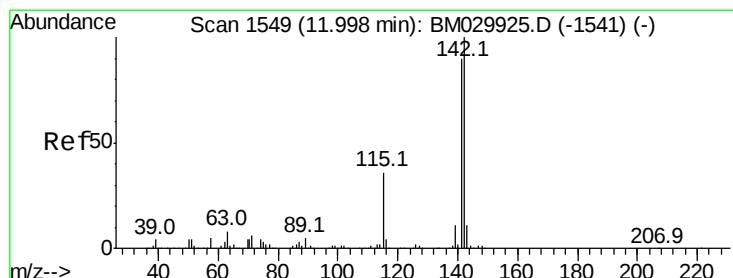
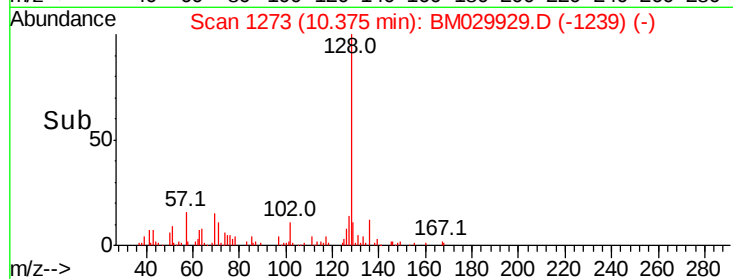
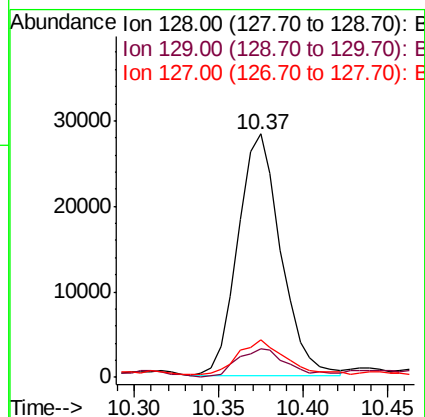
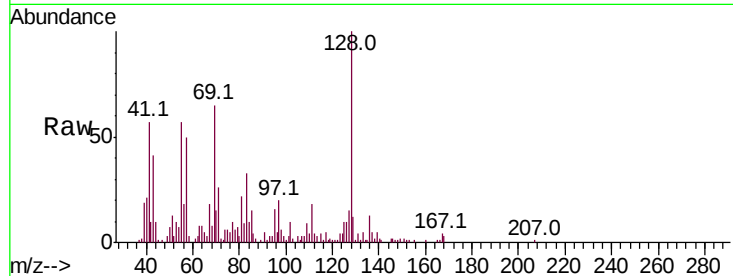
#30
Naphthalene
Concen: 1.365 ng/ul
RT: 10.37 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM029929.D
Acq: 11 May 2021 06:24

Instrument :
BNA_M
ClientSampleId :
BG582

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.5	12.7
127	15.3	10.4	15.6

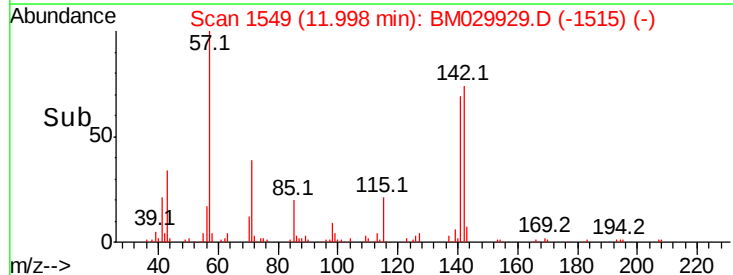
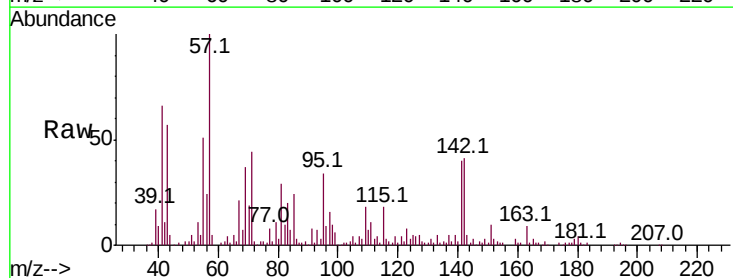
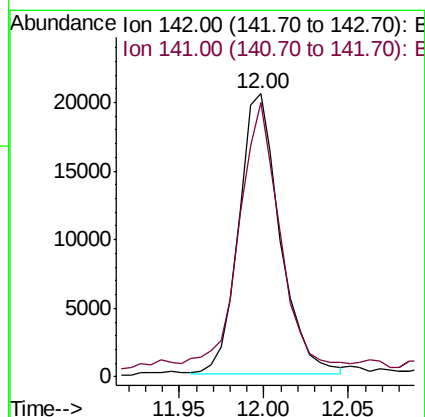
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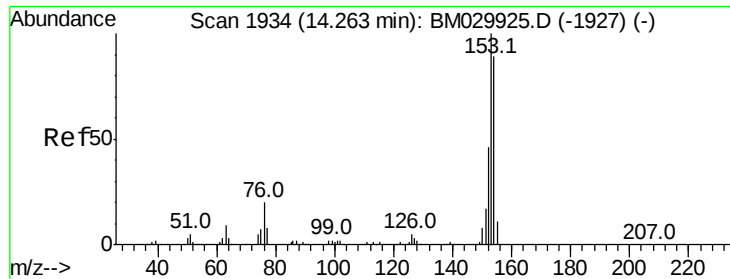
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#36
2-Methylnaphthalene
Concen: 1.288 ng/ul
RT: 12.00 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BM029929.D
Acq: 11 May 2021 06:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.0	72.1	108.1





#52

Acenaphthene

Concen: 1.488 ng/ul

RT: 14.26 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BM029929.D

Acq: 11 May 2021 06:24

Instrument :

BNA_M

ClientSampled :

BG582

Tot Ion:153 Resp: 43308

Ion Ratio Lower Upper

153 100

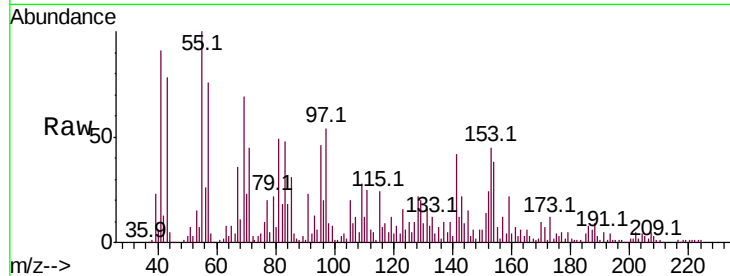
152 53.9 37.7 56.5

154 84.7 70.2 105.4

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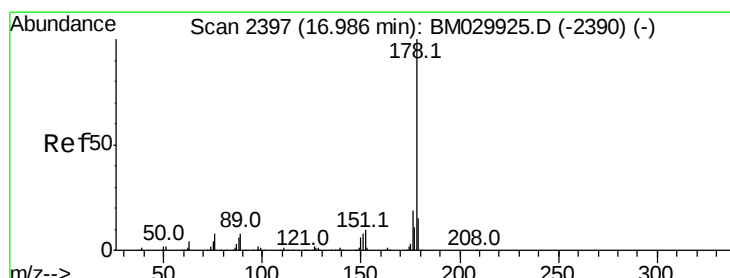
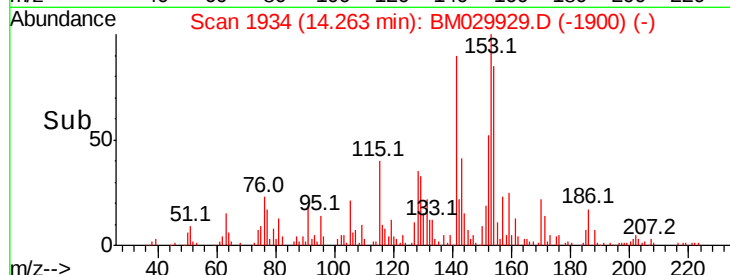
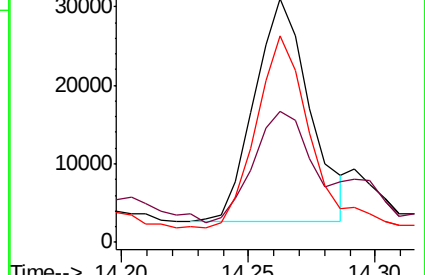
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#72

Phenanthrene

Concen: 8.934 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM029929.D

Acq: 11 May 2021 06:24

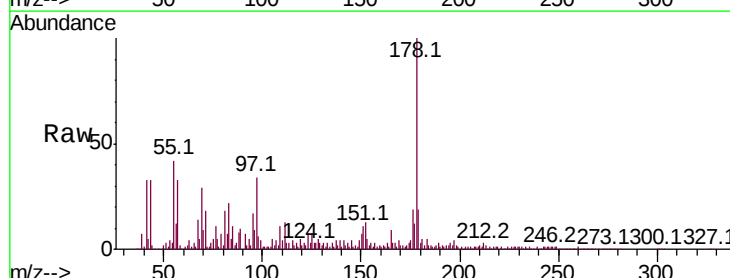
Tgt Ion:178 Resp: 437928

Ion Ratio Lower Upper

178 100

179 19.2 12.2 18.4#

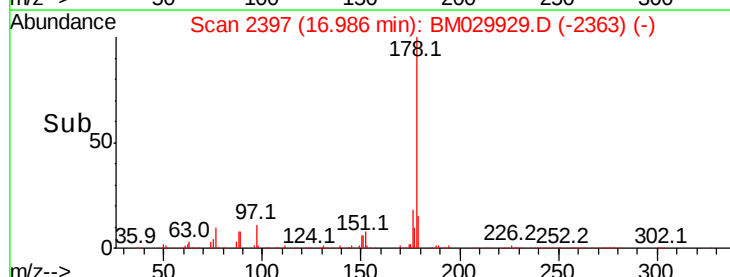
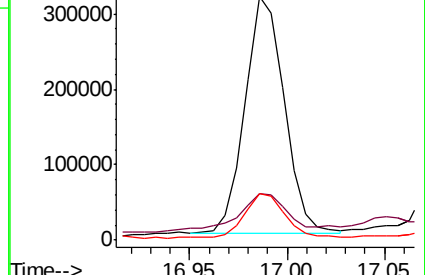
176 19.0 15.0 22.4

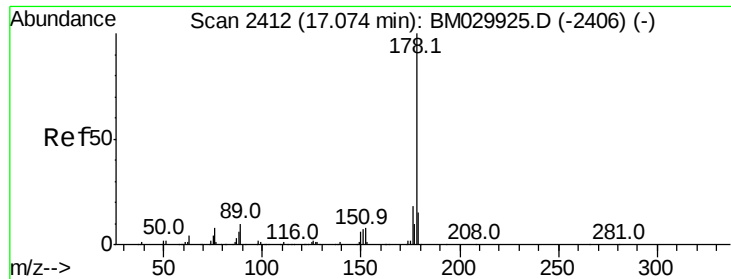


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Anthracene

Concen: 1.969 ng/ul

RT: 17.08 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM029929.D

Acq: 11 May 2021 06:24

Instrument :

BNA_M

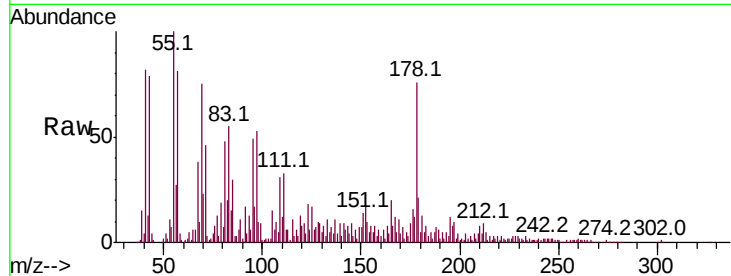
ClientSampleId :

BG582

Tot Ion	Ratio	Lower	Upper
178	100		
179	28.1	12.2	18.2
176	20.6	14.9	22.3

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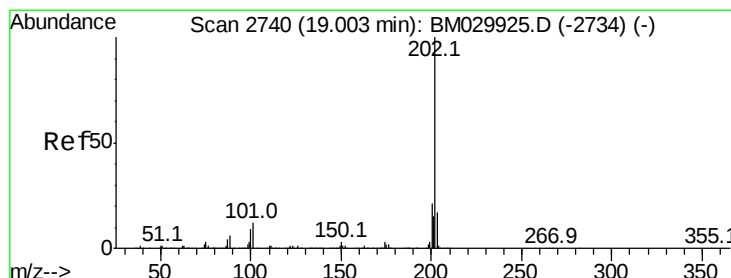
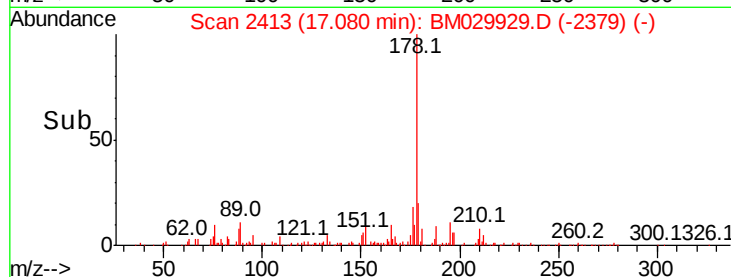
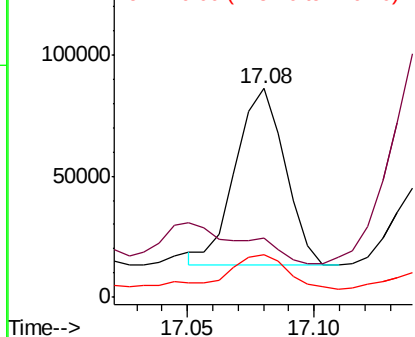


Abundance

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



#80

Fluoranthene

Concen: 18.610 ng/ul

RT: 19.01 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BM029929.D

Acq: 11 May 2021 06:24

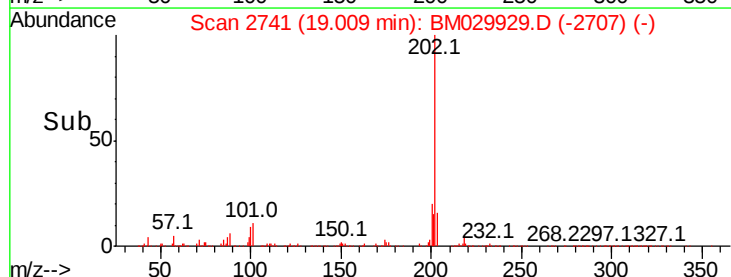
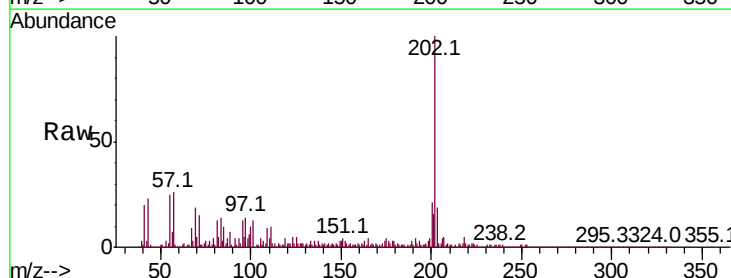
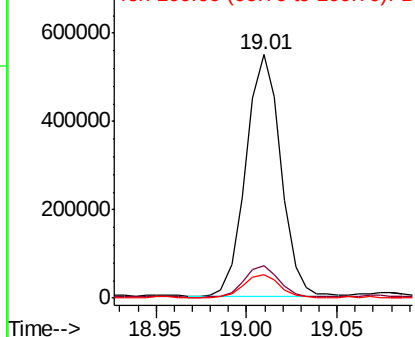
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.0	13.4
100	9.8	7.0	10.6

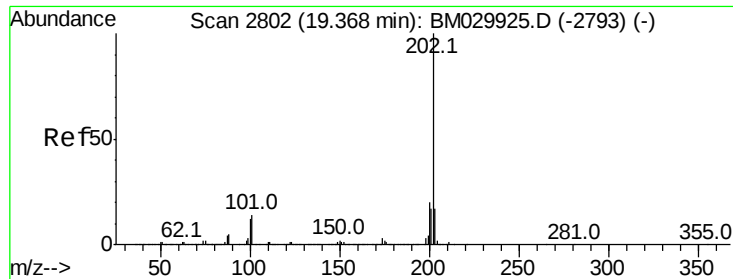
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





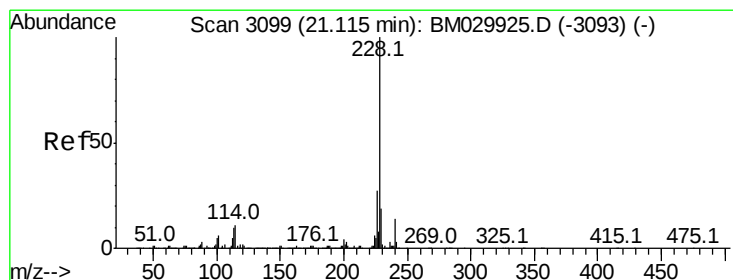
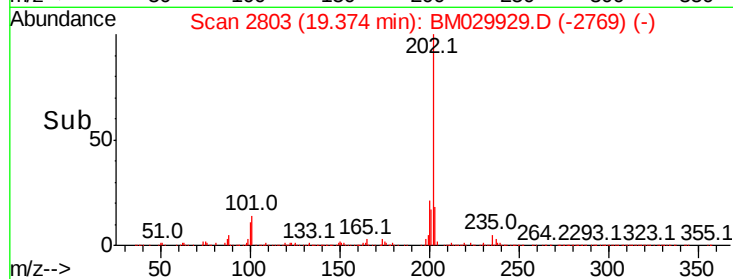
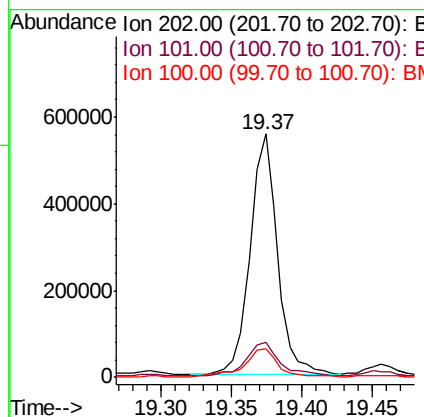
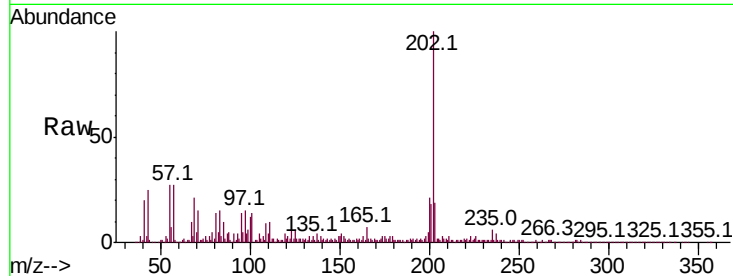
#82
Pvrene
Concen: 18.339 ng/ul
RT: 19.37 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BM029929.D
Acq: 11 May 2021 06:24

Instrument :
BNA_M
ClientSampleId :
BG582

Tot Ion:	202	Resp:	760863
Ion Ratio	Lower	Upper	
202	100		
101	14.4	11.8	17.6
100	11.5	9.2	13.8

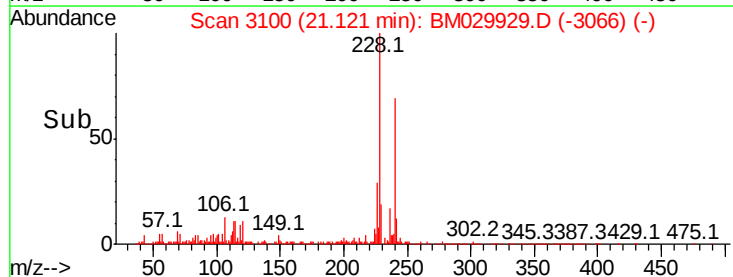
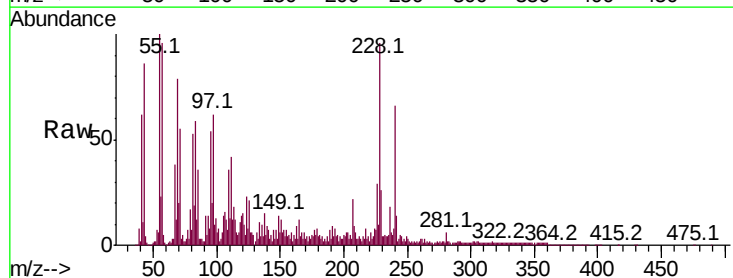
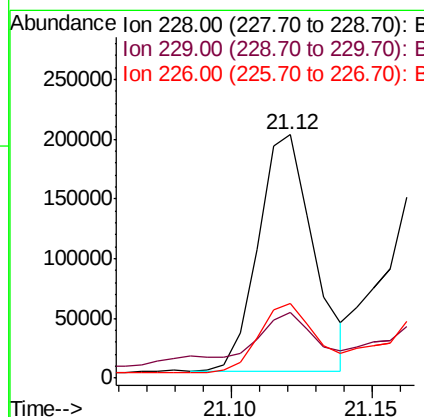
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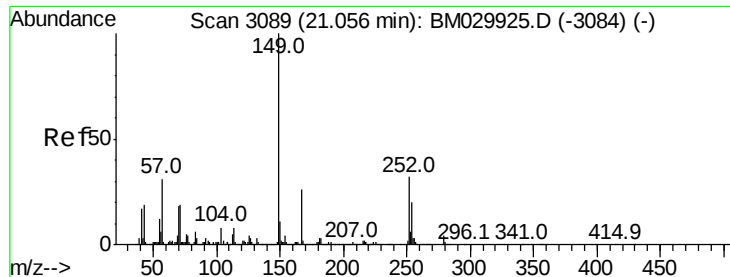
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#85
Benzo(a)anthracene
Concen: 6.517 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM029929.D
Acq: 11 May 2021 06:24

Tgt Ion:	228	Resp:	268480
Ion Ratio	Lower	Upper	
228	100		
229	27.0	15.9	23.9#
226	30.6	21.4	32.0





#86

Bis(2-ethylhexyl)phthalate

Concen: 17.920 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM029929.D

Acq: 11 May 2021 06:24

Instrument :

BNA_M

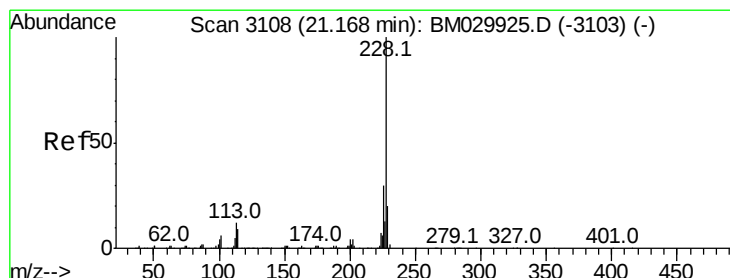
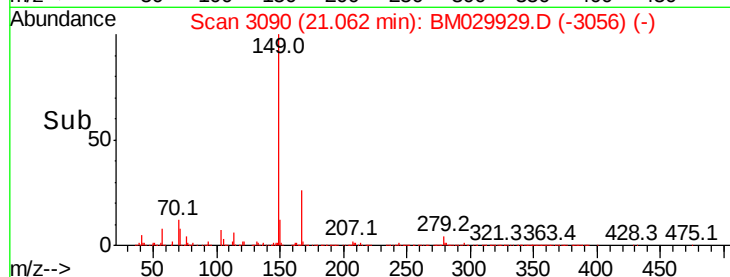
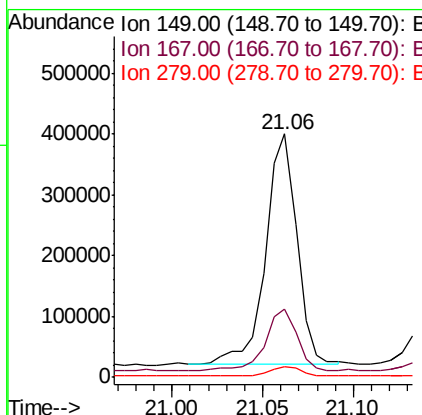
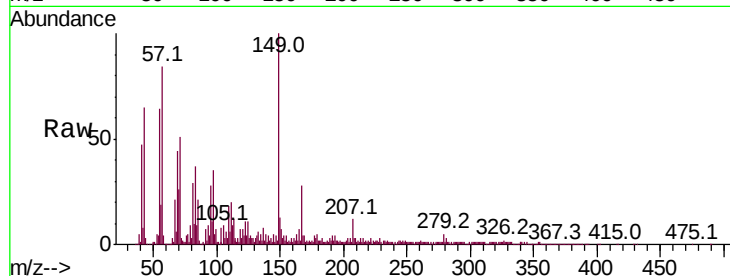
ClientSampled :

BG582

Tot Ion:	149	Resp:	455567
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.1	31.7
279	4.6	3.5	5.3

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#87

Chrysene

Concen: 8.268 ng/ul

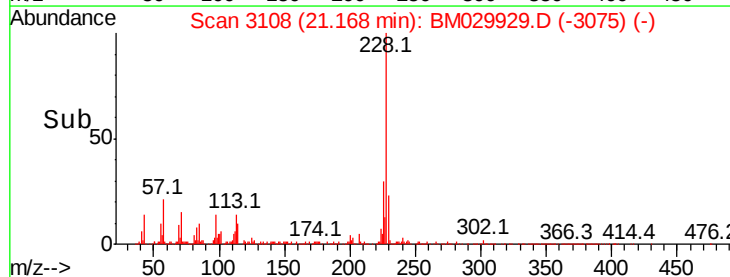
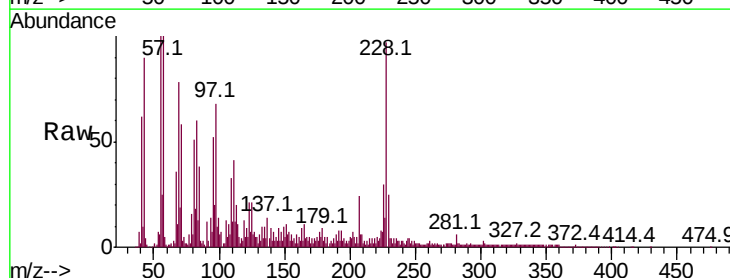
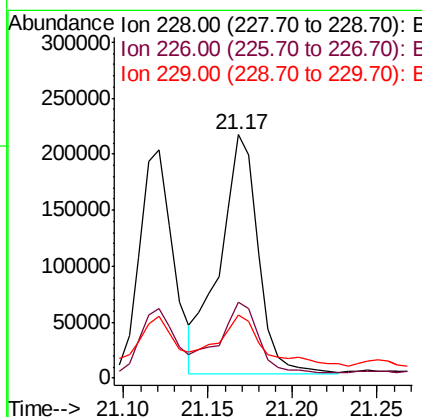
RT: 21.17 min Scan# 3108

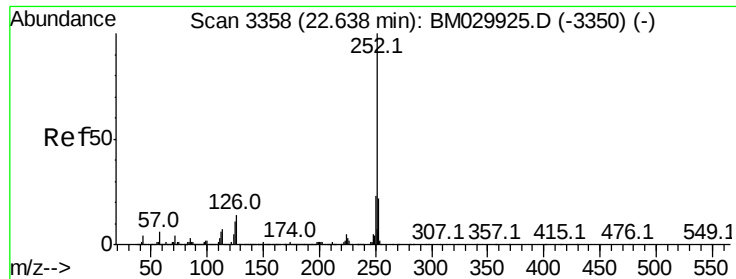
Delta R.T. -0.01 min

Lab File: BM029929.D

Acq: 11 May 2021 06:24

Tgt Ion:	228	Resp:	339257
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.9	35.9
229	25.8	15.6	23.4#





#90

Benzo(b)fluoranthene

Concen: 7.604 ng/ul

RT: 22.65 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BM029929.D

Acq: 11 May 2021 06:24

Instrument :

BNA_M

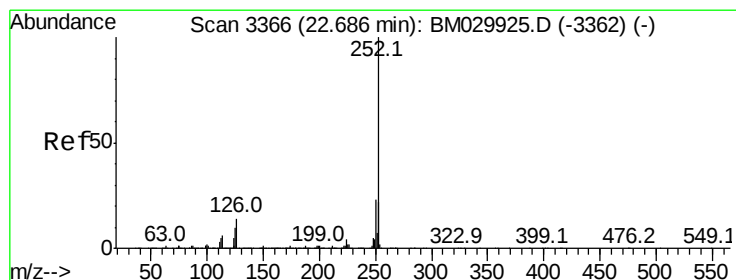
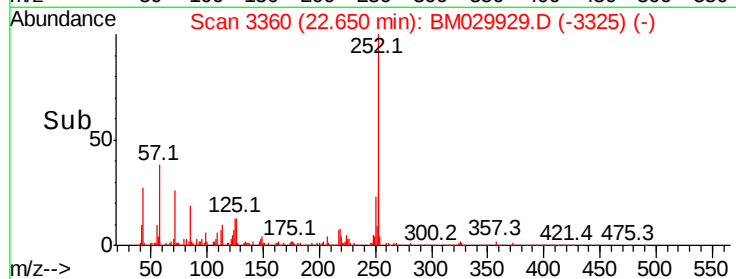
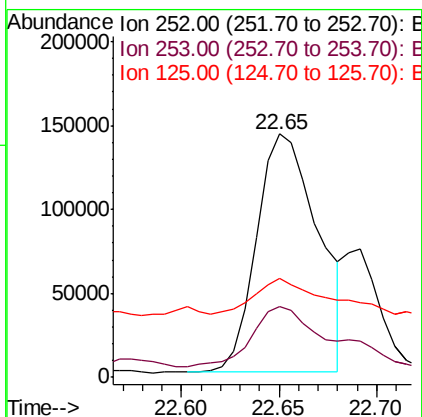
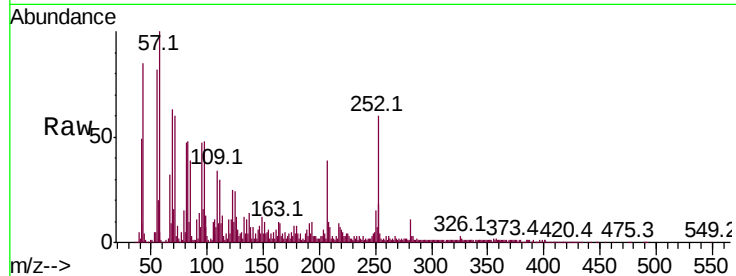
ClientSampleId :

BG582

Tot Ion:	252	Resp:	311123
Ion Ratio	Lower	Upper	
252	100		
253	29.1	17.4	26.2#
125	40.6	8.6	12.8#

Manual Integrations
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#91

Benzo(k)fluoranthene

Concen: 2.157 ng/ul m

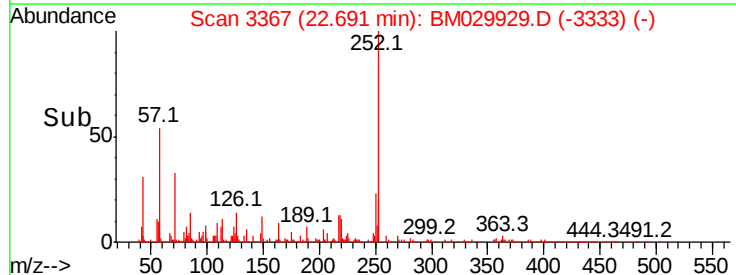
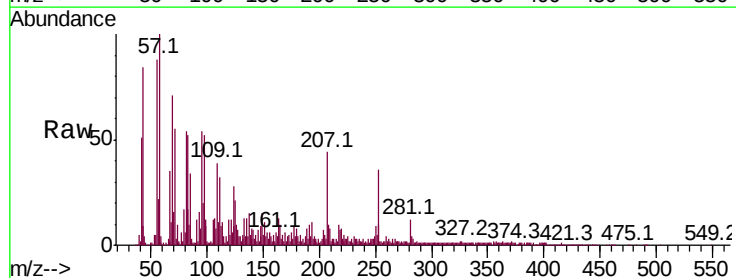
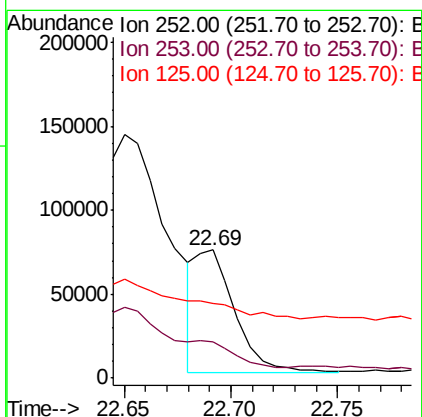
RT: 22.69 min Scan# 3367

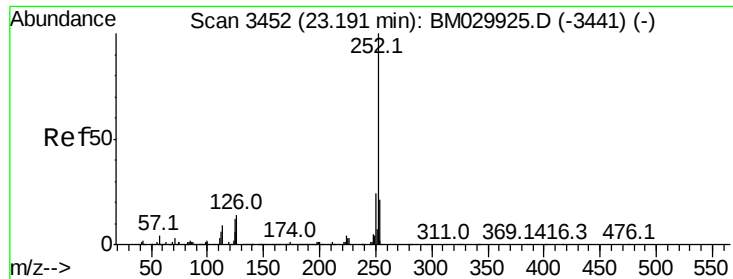
Delta R.T. 0.00 min

Lab File: BM029929.D

Acq: 11 May 2021 06:24

Tgt Ion:	252	Resp:	92788
Ion Ratio	Lower	Upper	
252	100		
253	27.8	17.8	26.8#
125	58.1	8.4	12.6#





#93

Benzo(a)pyrene

Concen: 5.465 ng/u1

RT: 23.20 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM029929.D

Acq: 11 May 2021 06:24

Instrument :

BNA_M

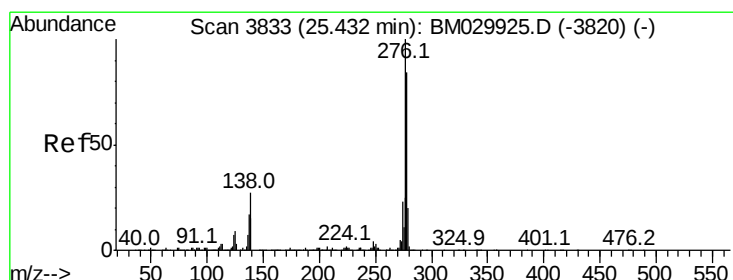
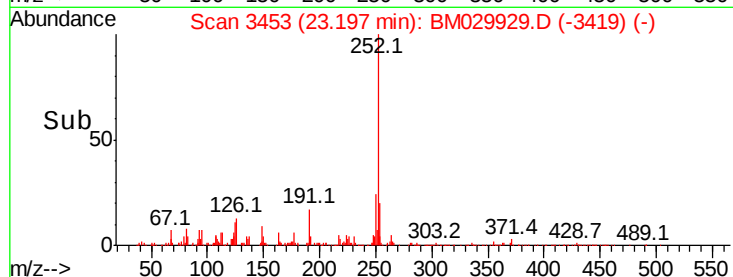
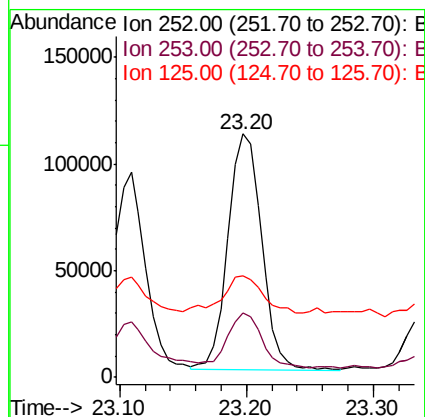
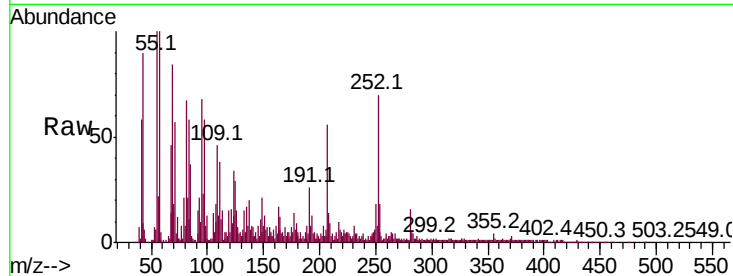
ClientSampleId :

BG582

Tot Ion:	252	Resp:	203073
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.9	26.9
125	41.4	9.6	14.4#

Manual Integrations
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#94

Indeno(1,2,3-cd)pyrene

Concen: 3.035 ng/u1

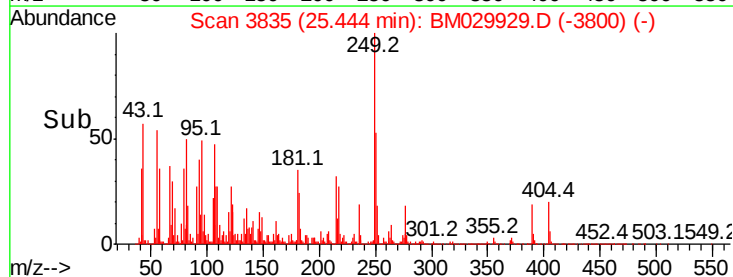
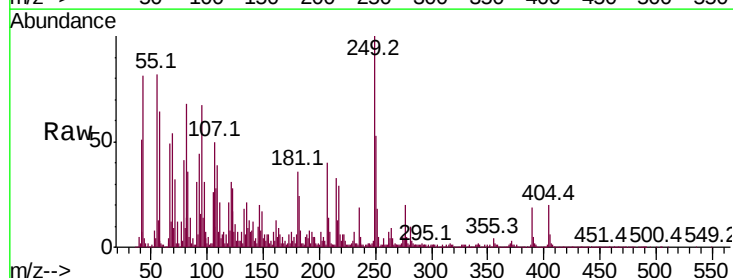
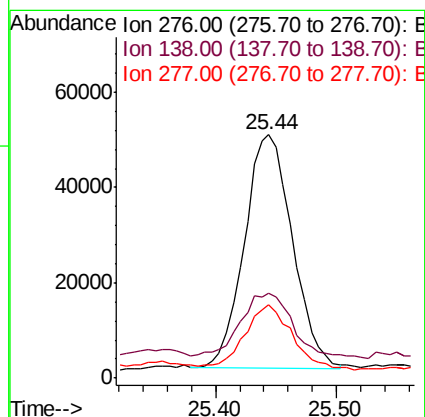
RT: 25.44 min Scan# 3835

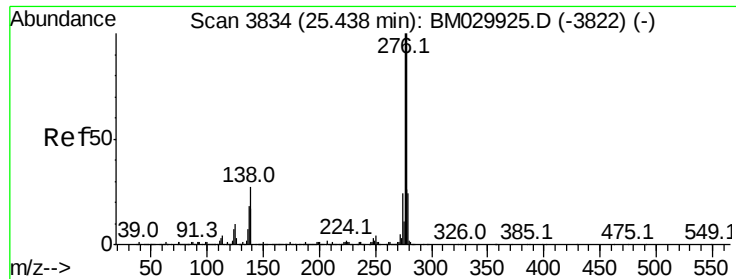
Delta R.T. 0.01 min

Lab File: BM029929.D

Acq: 11 May 2021 06:24

Tgt Ion:	276	Resp:	136519
Ion Ratio	Lower	Upper	
276	100		
138	34.6	21.1	31.7#
277	30.2	20.3	30.5





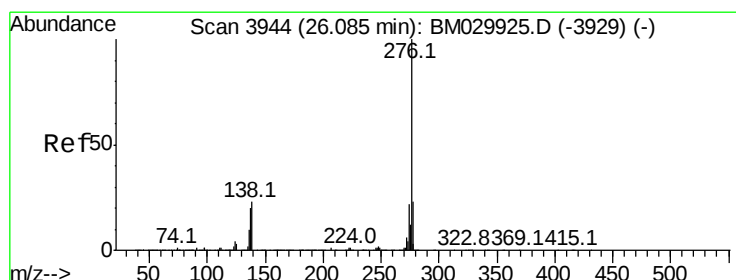
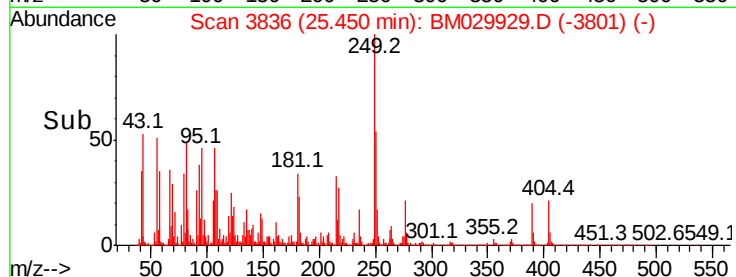
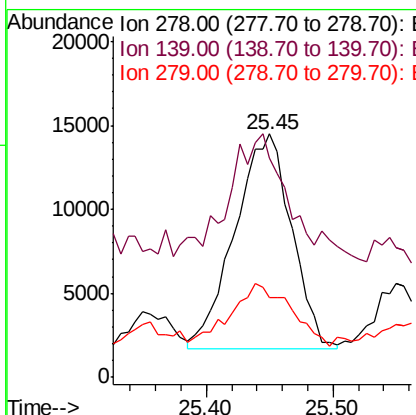
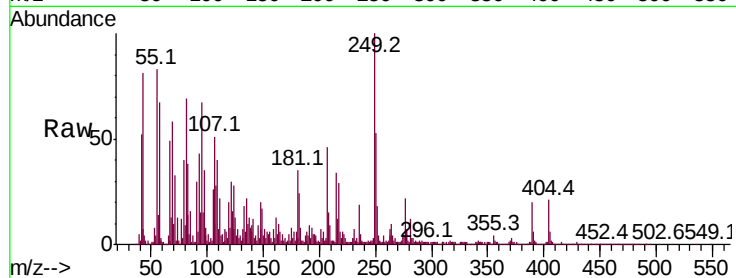
#95
Dibenzo(a,h)anthracene
Concen: 1.044 ng/ul
RT: 25.45 min Scan# 3836
Delta R.T. 0.01 min
Lab File: BM029929.D
Acq: 11 May 2021 06:24

Instrument :
BNA_M
ClientSampleId :
BG582

Tot Ion	Ratio	Lower	Upper
278	100		
139	90.1	13.5	20.3#
279	32.5	18.6	28.0#

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 3.624 ng/ul
RT: 26.11 min Scan# 3948
Delta R.T. 0.02 min
Lab File: BM029929.D
Acq: 11 May 2021 06:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.7	17.8	26.8#
277	26.3	18.5	27.7

