

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029921.D
 Acq On : 11 May 2021 01:00
 Operator : CG/JU
 Sample : M2177-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG585

Manual Integrations
 APPROVED

mohammad
 5/11/2021 2:33:11 PM

Quant Time: May 11 03:06:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 11 01:19:00 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	153075	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	686417	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	450720	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	903348	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	733425	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	630038	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	6991	1.82	ng/uL	0.01
4) Pyridine-d5	3.57	84	13596m	1.42	ng/ul	0.09
7) Phenol-d5	6.74	99	137108	9.63	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	102059	11.56	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	123350	11.23	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	107178	9.10	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	65468	13.84	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	70888	13.28	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	114068	10.65	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	125321	7.69	ng/ul	0.01
46) Dimethylphthalate-d6	13.62	166	496790	14.22	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	583724	13.18	ng/ul	0.00
54) 4-Nitrophenol-d4	14.47	143	23021m	4.05	ng/ul	0.04
60) Fluorene-d10	15.20	176	429700	14.49	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	29799	5.08	ng/ul	0.00
73) Anthracene-d10	17.04	188	628153	13.81	ng/ul	0.00
81) Pyrene-d10	19.34	212	690951	18.36	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.14	264	499023	13.97	ng/ul	0.00

Target Compounds

					Ovalue	
72) Phenanthrene	16.99	178	95637	1.795	ng/ul	99
80) Fluoranthene	19.01	202	126696	2.767	ng/ul	98
82) Pyrene	19.37	202	170881	3.546	ng/ul	98
85) Benzo(a)anthracene	21.12	228	66444	1.389	ng/ul	95
86) Bis(2-ethylhexyl)phthalate	21.06	149	34955	1.184	ng/ul#	98
87) Chrysene	21.17	228	65426	1.373	ng/ul#	94
90) Benzo(b)fluoranthene	22.64	252	61507	1.505	ng/ul#	80
93) Benzo(a)pyrene	23.19	252	46632	1.256	ng/ul#	84

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

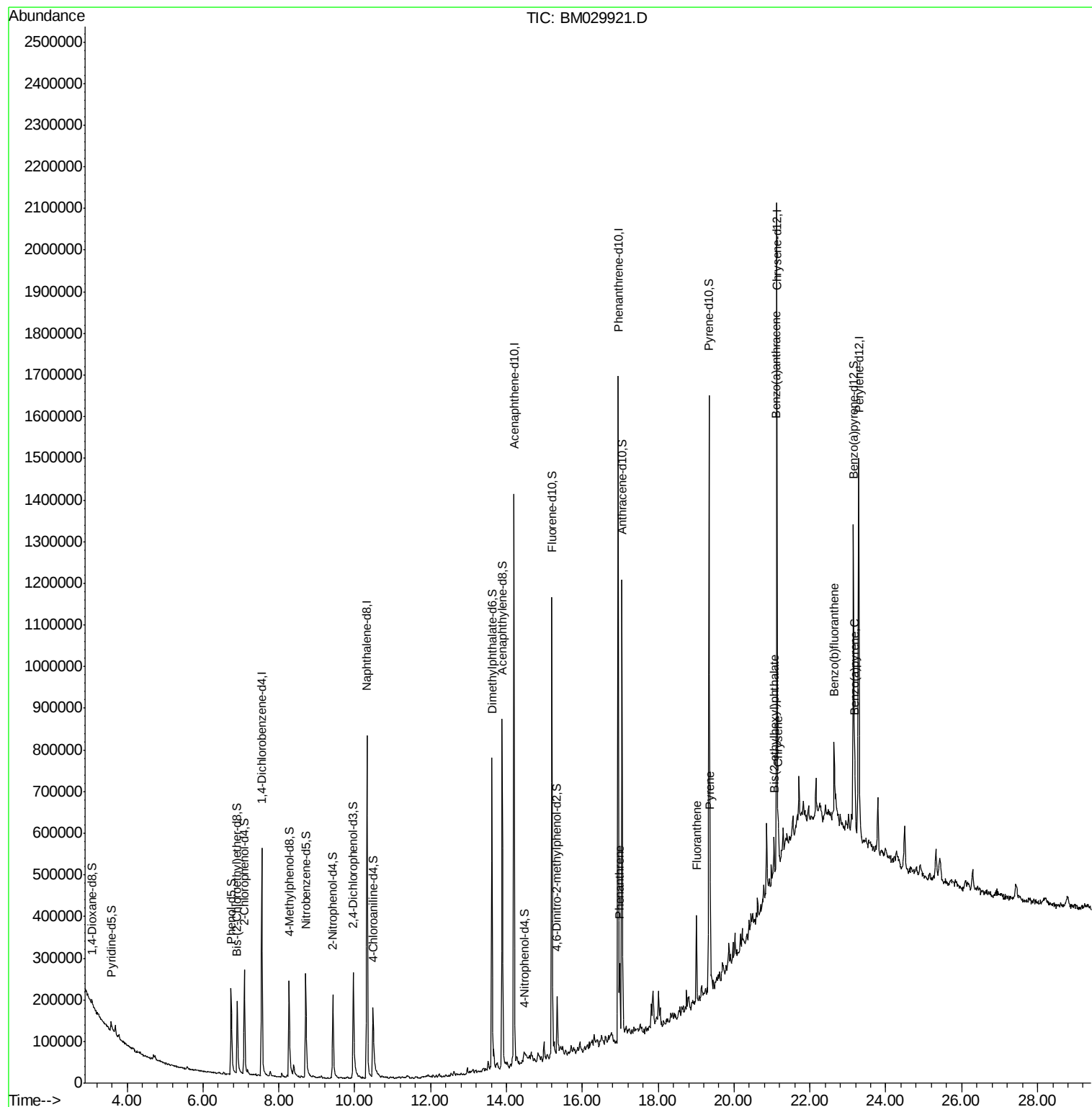
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029921.D
Acq On : 11 May 2021 01:00
Operator : CG/JU
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ALS Vial : 20 Sample Multiplier: 1

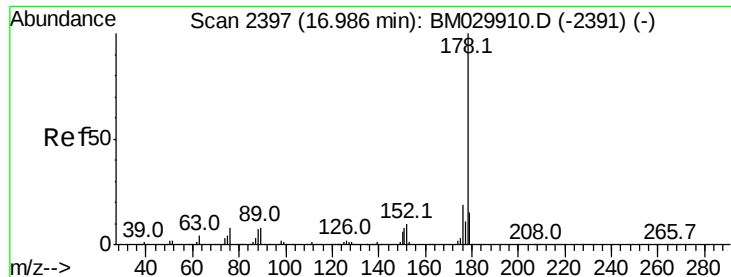
Instrument :
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Quant Time: May 11 03:06:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.795 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM029921.D

Acq: 11 May 2021 01:00

Instrument :

BNA_M

ClientSampleId :

BG585

Tot Ion:178 Resp: 95637

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

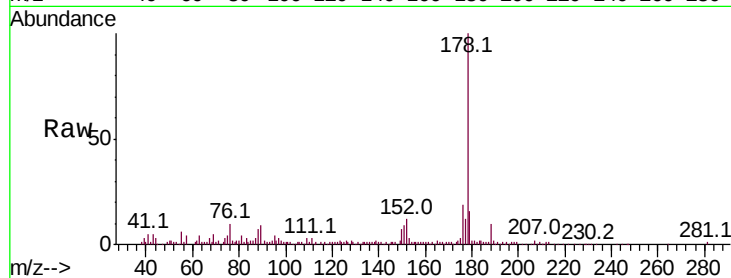
176 19.3 15.0 22.4

Manual Integrations

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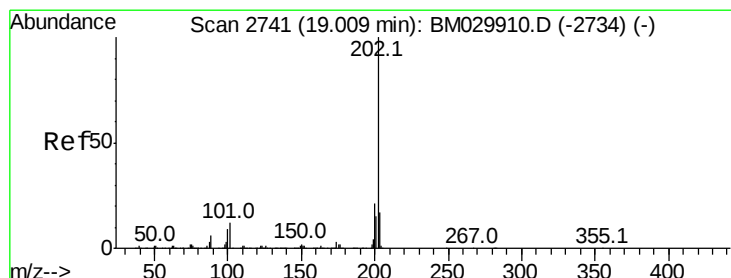
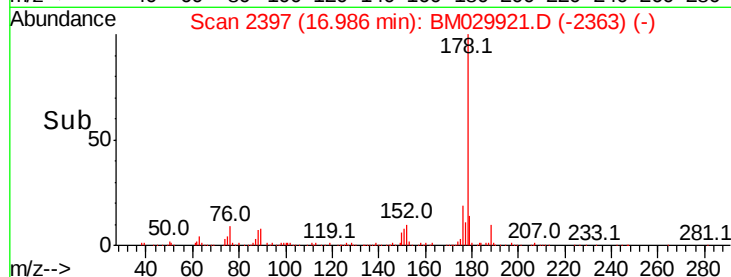
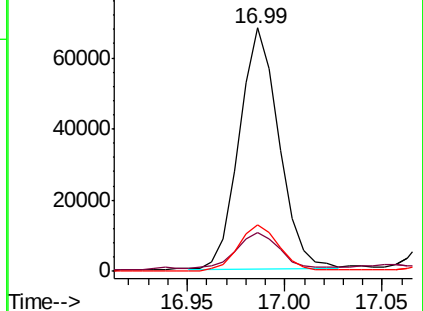
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#80

Fluoranthene

Concen: 2.767 ng/ul

RT: 19.01 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BM029921.D

Acq: 11 May 2021 01:00

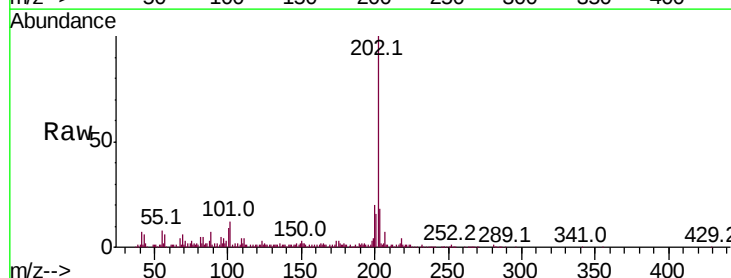
Tgt Ion:202 Resp: 126696

Ion Ratio Lower Upper

202 100

101 12.3 9.0 13.4

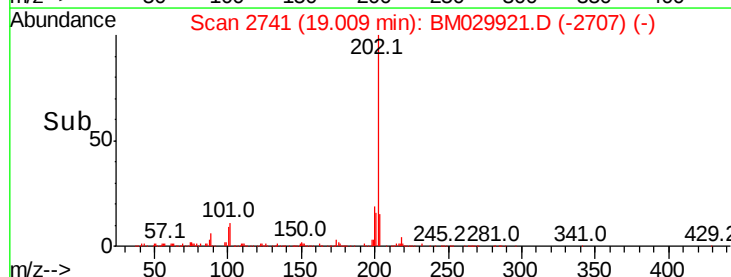
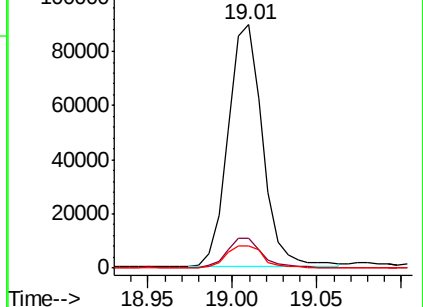
100 9.2 7.0 10.6

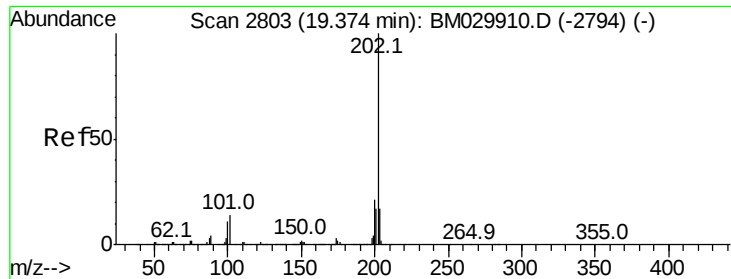


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





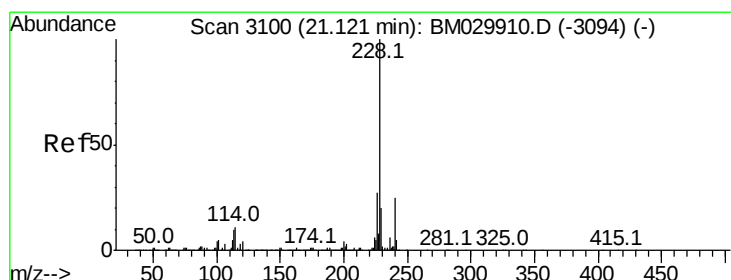
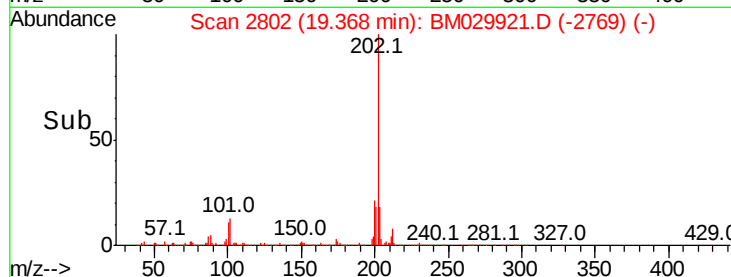
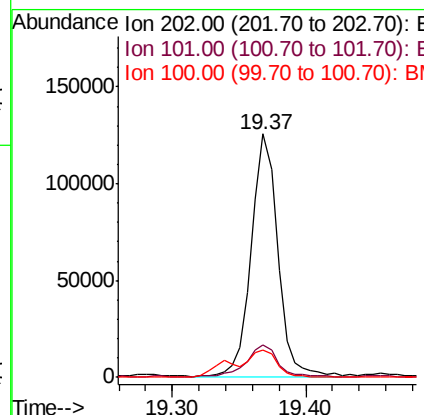
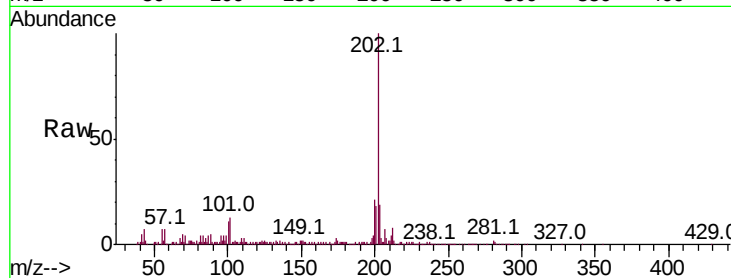
#82
Pvrene
Concen: 3.546 ng/ul
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BM029921.D
Acq: 11 May 2021 01:00

Instrument :
BNA_M
ClientSampleId :
BG585

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	11.8	17.6
100	11.5	9.2	13.8

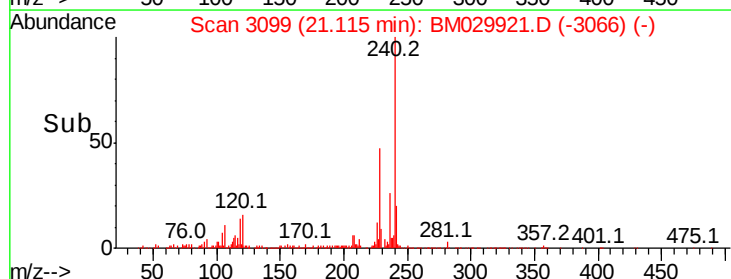
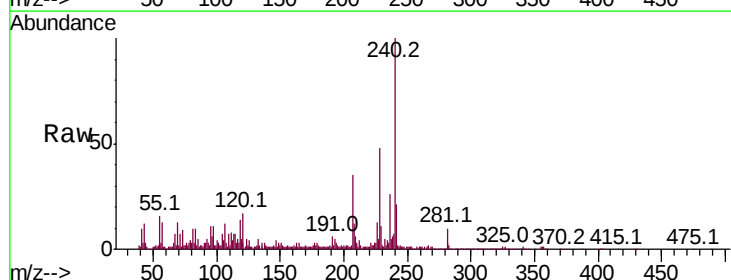
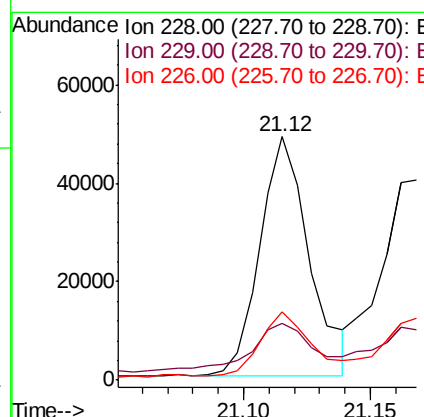
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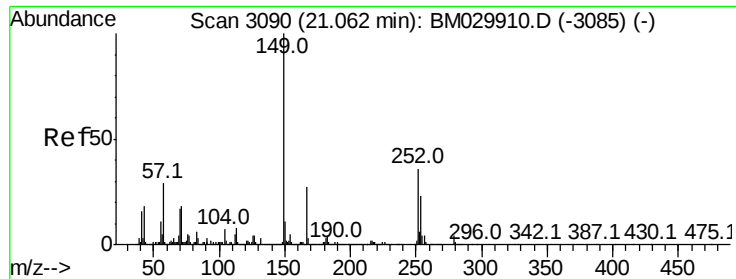
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#85
Benzo(a)anthracene
Concen: 1.389 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM029921.D
Acq: 11 May 2021 01:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.5	15.9	23.9
226	27.9	21.4	32.0





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.184 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM029921.D

Acq: 11 May 2021 01:00

Instrument :

BNA_M

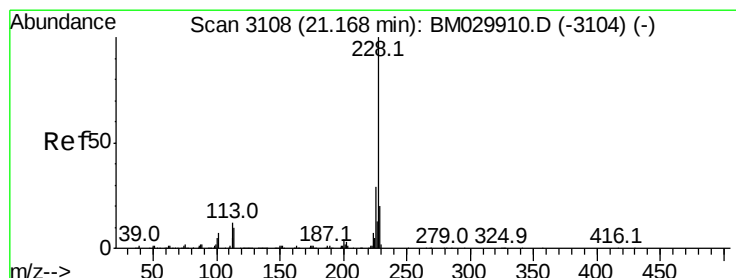
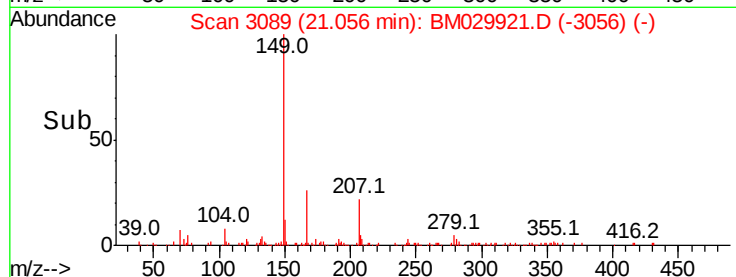
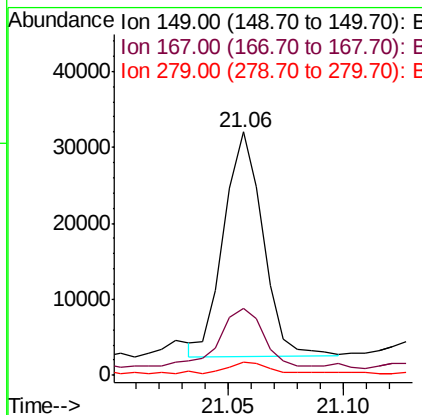
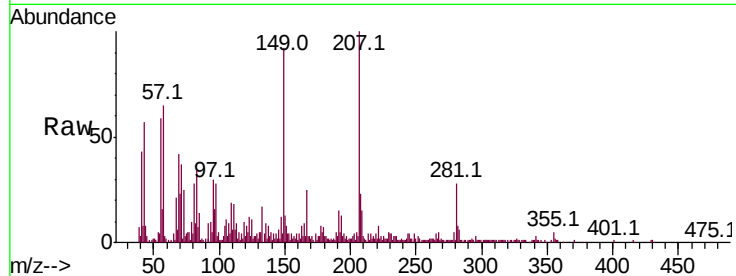
ClientSampleId :

BG585

Tot Ion:	149	Resp:	34955
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.1	31.7
279	5.6	3.5	5.3#

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#87

Chrysene

Concen: 1.373 ng/ul

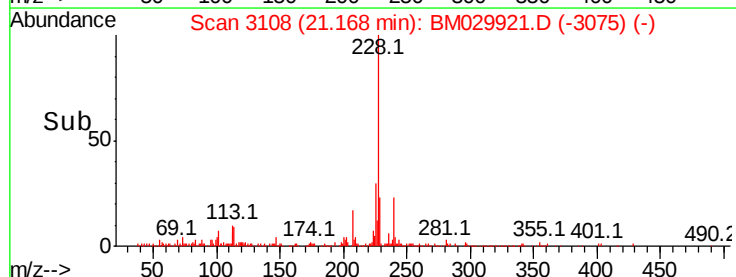
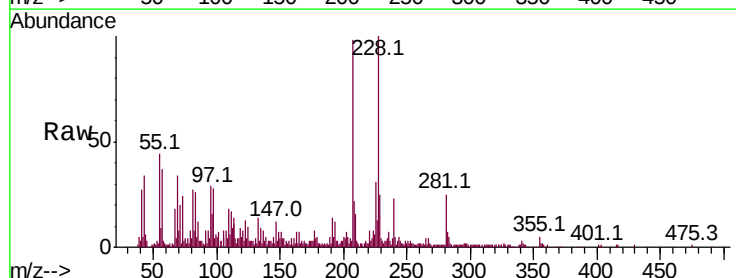
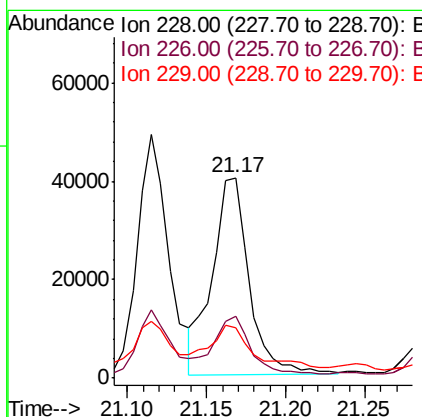
RT: 21.17 min Scan# 3108

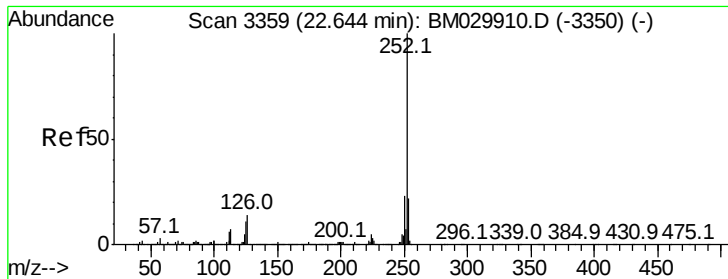
Delta R.T. -0.01 min

Lab File: BM029921.D

Acq: 11 May 2021 01:00

Tgt Ion:	228	Resp:	65426
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.9	35.9
229	25.2	15.6	23.4#





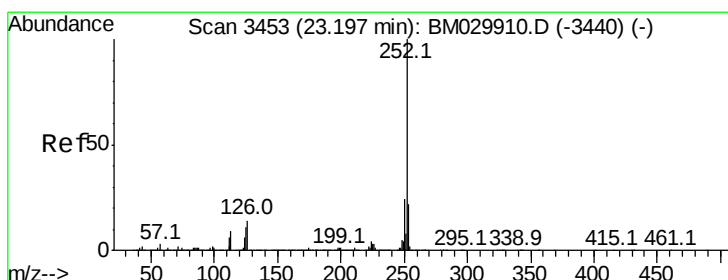
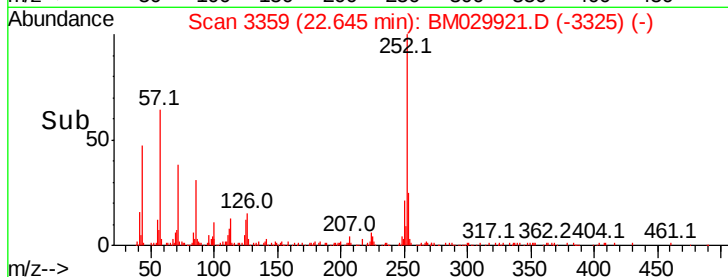
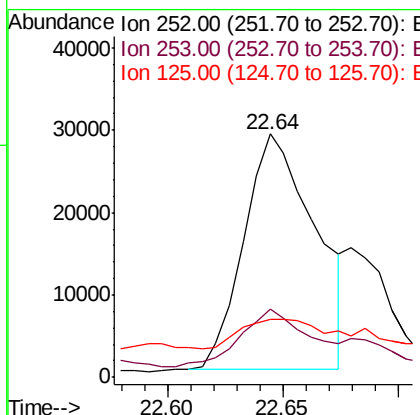
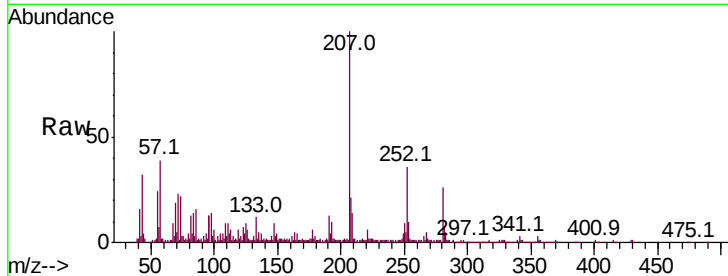
#90
Benzo(b)fluoranthene
Concen: 1.505 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BM029921.D
Acq: 11 May 2021 01:00

Instrument :
BNA_M
ClientSampleId :
BG585

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.4	26.2#
125	23.9	8.6	12.8#

Manual Integrations
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#93
Benzo(a)pyrene
Concen: 1.256 ng/ul
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM029921.D
Acq: 11 May 2021 01:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.9	26.9#
125	21.9	9.6	14.4#

