

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029932.D
 Acq On : 11 May 2021 08:11
 Operator : CG/JU
 Sample : M2177-20
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG590

Manual Integrations
 APPROVED

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 5/11/2021 2:33:55 PM

Quant Time: May 11 08:52:12 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	143915	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	640765	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	410650	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	830177	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	743328	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	657837	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	3830m	1.06	ng/uL	0.01
4) Pyridine-d5	3.57	84	9112m	1.01	ng/ul	0.09
7) Phenol-d5	6.74	99	77952	5.82	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	59689	7.19	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	70001	6.78	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	66794	6.03	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	31792	7.20	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	33175	6.66	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	58943	5.90	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	58617	3.85	ng/ul	0.01
46) Dimethylphthalate-d6	13.62	166	243315	7.64	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	298660	7.40	ng/ul	0.00
54) 4-Nitrophenol-d4	14.46	143	9420m	1.82	ng/ul	0.03
60) Fluorene-d10	15.20	176	219812	8.13	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	9503	1.76	ng/ul	0.00
73) Anthracene-d10	17.05	188	358628	8.58	ng/ul	0.00
81) Pyrene-d10	19.34	212	387706	10.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.15	264	302029	8.10	ng/ul	0.00

Target Compounds

					Ovalue	
72) Phenanthrene	16.99	178	62003	1.267	ng/ul#	91
80) Fluoranthene	19.00	202	267652	5.767	ng/ul	96
82) Pyrene	19.37	202	313216	6.413	ng/ul	98
85) Benzo(a)anthracene	21.12	228	113544	2.341	ng/ul#	91
86) Bis(2-ethylhexyl)phthalate	21.06	149	68316	2.283	ng/ul	95
87) Chrysene	21.17	228	124852	2.585	ng/ul#	95
90) Benzo(b)fluoranthene	22.65	252	100165	2.347	ng/ul#	66
93) Benzo(a)pyrene	23.19	252	72007	1.858	ng/ul#	68

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

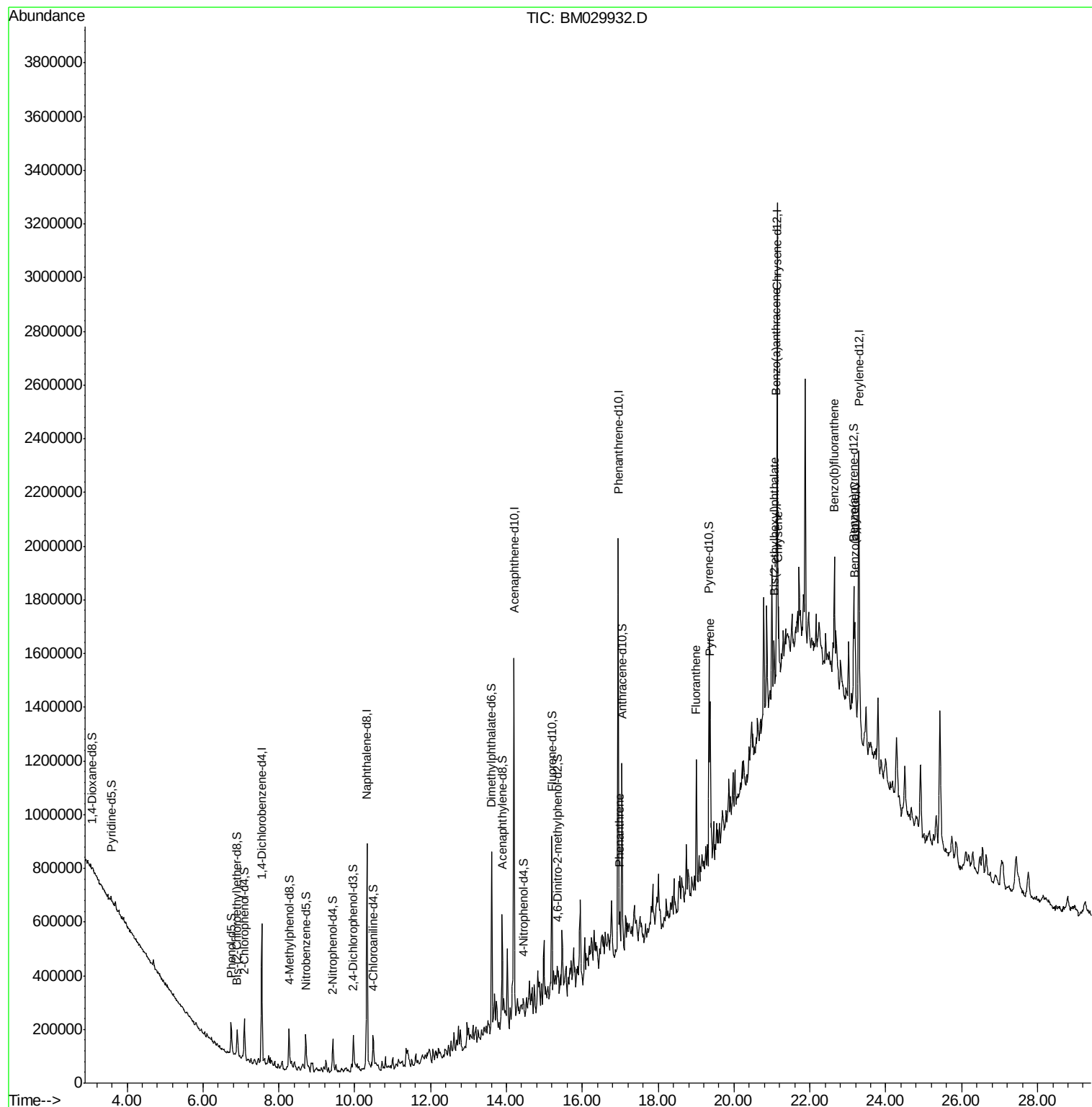
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
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ALS Vial : 31 Sample Multiplier: 1

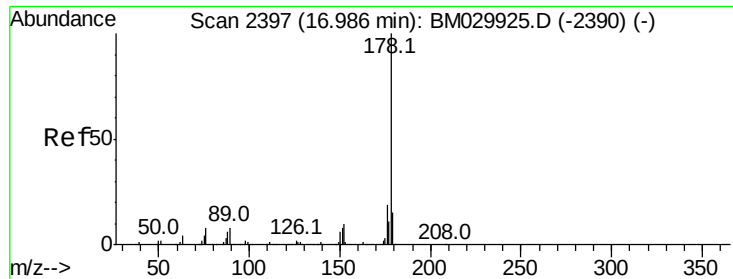
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 05:09:24 2021
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.267 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM029932.D

Acq: 11 May 2021 08:11

Instrument :

BNA_M

ClientSampleId :

BG590

Tot Ion:178 Resp: 62003

Ion Ratio Lower Upper

178 100

179 21.8 12.2 18.4#

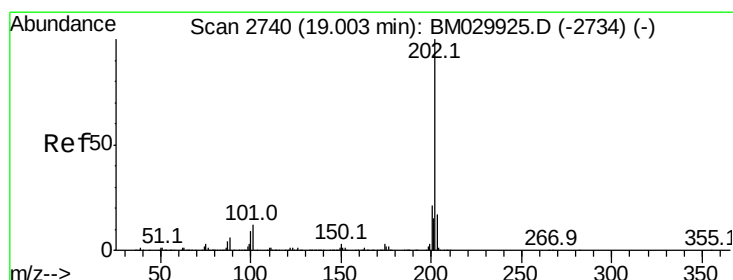
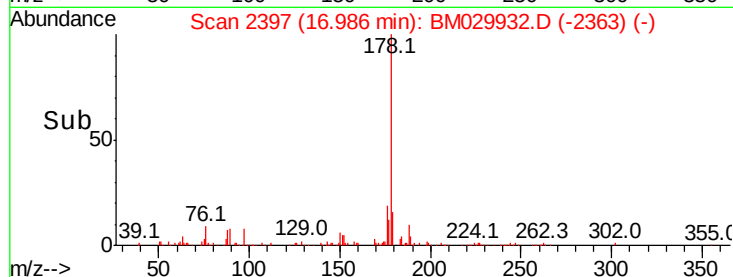
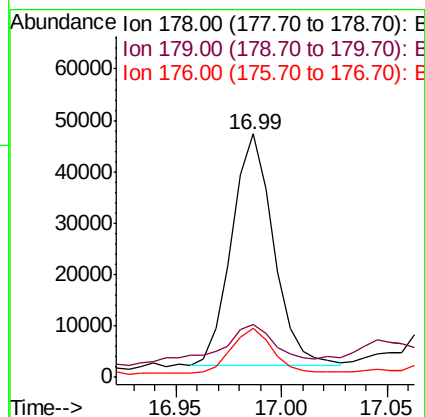
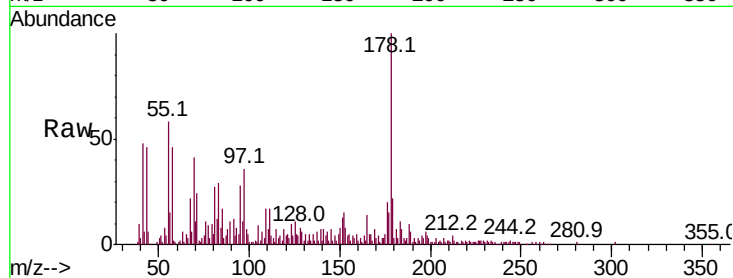
176 20.2 15.0 22.4

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#80

Fluoranthene

Concen: 5.767 ng/ul

RT: 19.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BM029932.D

Acq: 11 May 2021 08:11

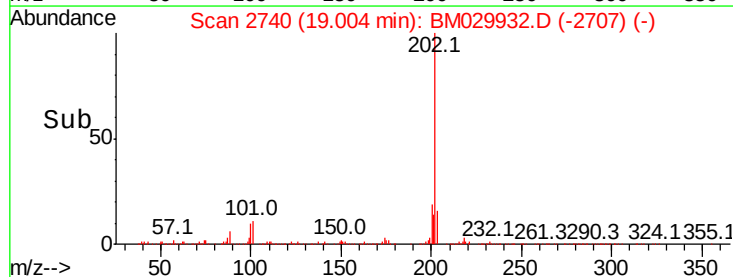
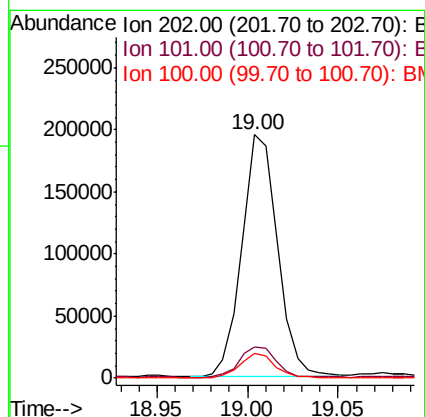
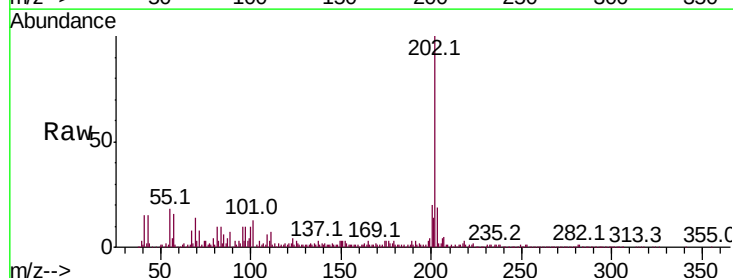
Tgt Ion:202 Resp: 267652

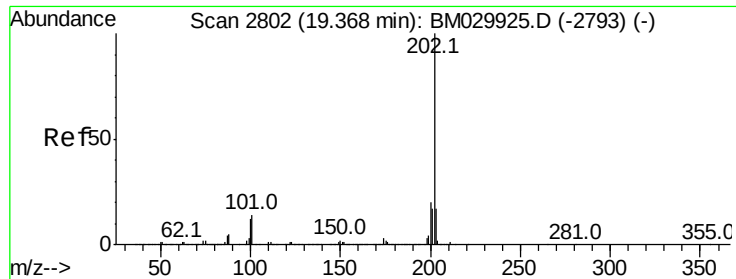
Ion Ratio Lower Upper

202 100

101 12.7 9.0 13.4

100 10.4 7.0 10.6





#82

Pvrene

Concen: 6.413 ng/ul

RT: 19.37 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BM029932.D

Acq: 11 May 2021 08:11

Instrument :

BNA_M

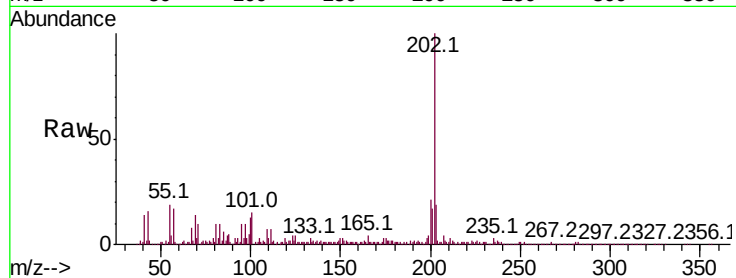
ClientSampleId :

BG590

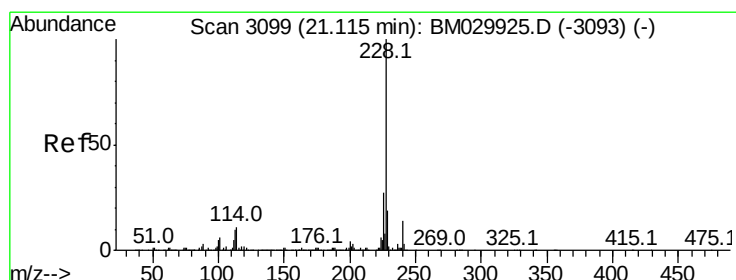
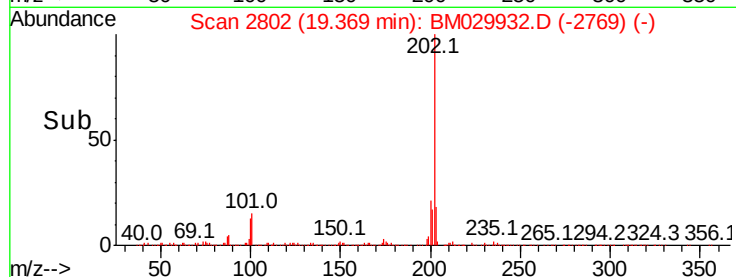
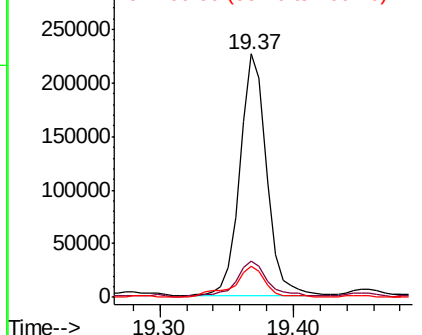
Tot Ion:	202	Resp:	313216
Ion Ratio	Lower	Upper	
202	100		
101	14.9	11.8	17.6
100	12.9	9.2	13.8

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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): B



#85

Benzo(a)anthracene

Concen: 2.341 ng/ul

RT: 21.12 min Scan# 3099

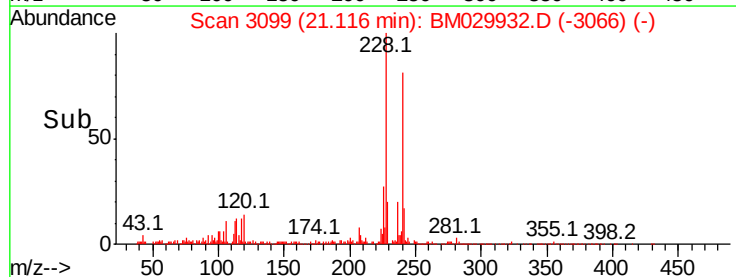
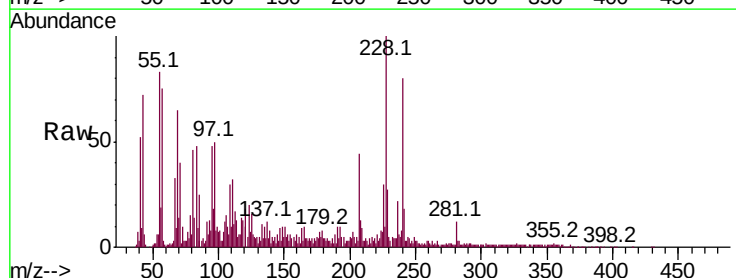
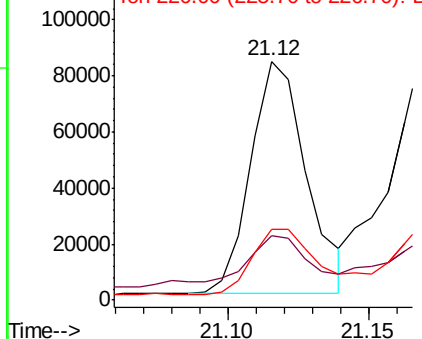
Delta R.T. -0.01 min

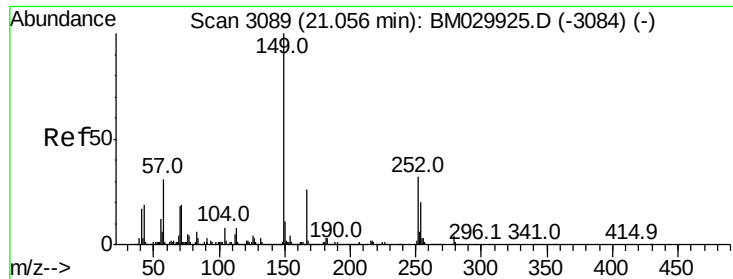
Lab File: BM029932.D

Acq: 11 May 2021 08:11

Tgt Ion:	228	Resp:	113544
Ion Ratio	Lower	Upper	
228	100		
229	26.7	15.9	23.9#
226	29.5	21.4	32.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





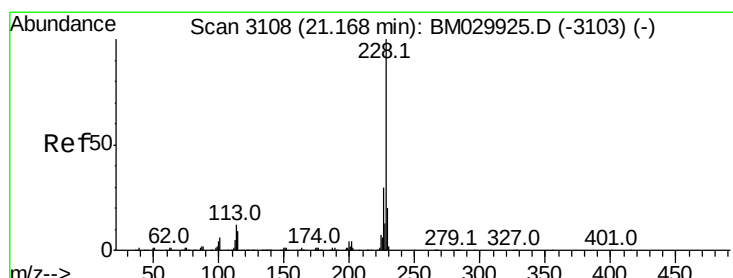
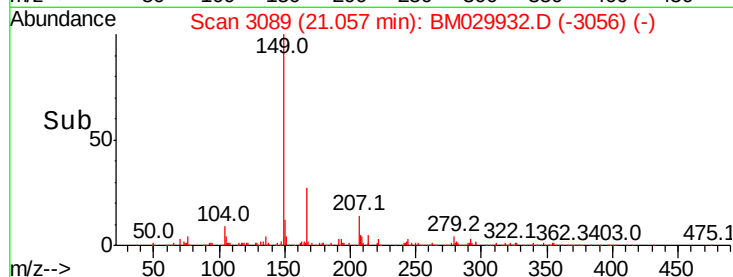
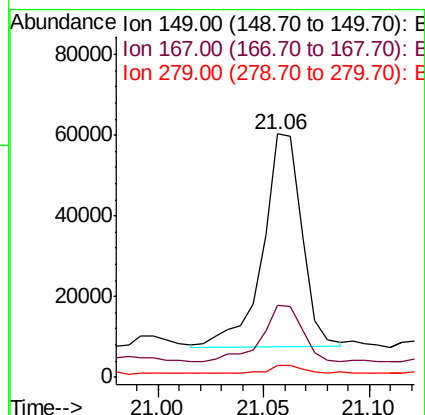
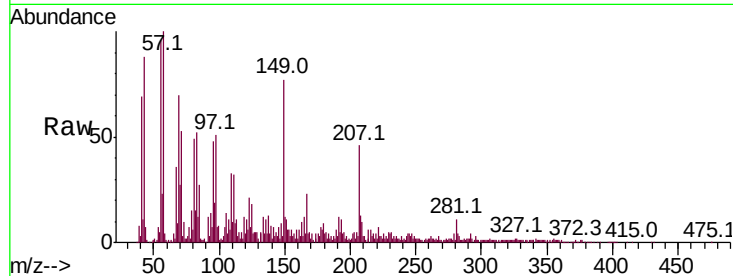
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.283 ng/ul
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM029932.D
 Acq: 11 May 2021 08:11

Instrument :
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 BG590

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.1	31.7
279	4.7	3.5	5.3

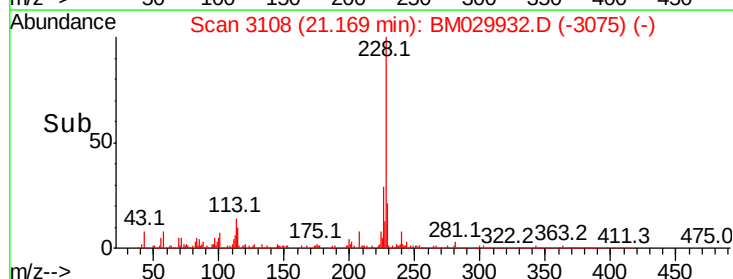
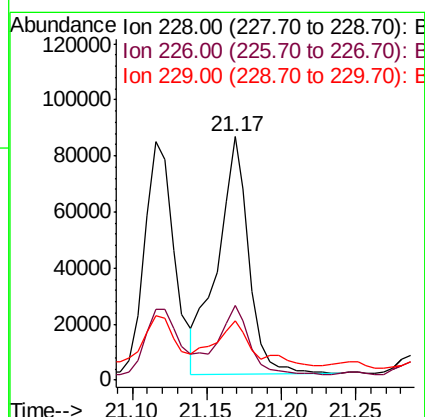
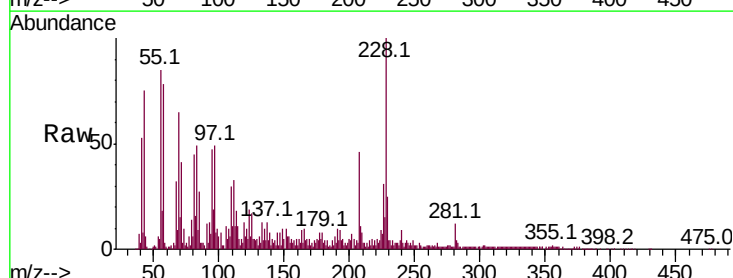
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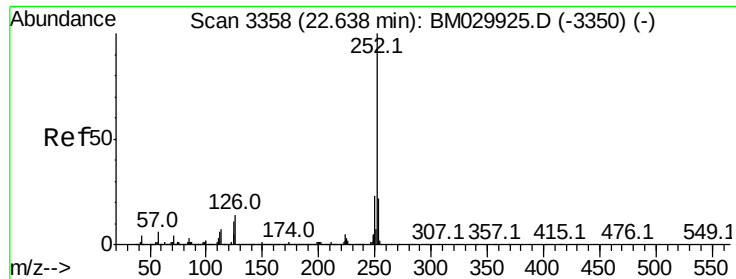
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#87
 Chrysene
 Concen: 2.585 ng/ul
 RT: 21.17 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM029932.D
 Acq: 11 May 2021 08:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.9	35.9
229	24.6	15.6	23.4#





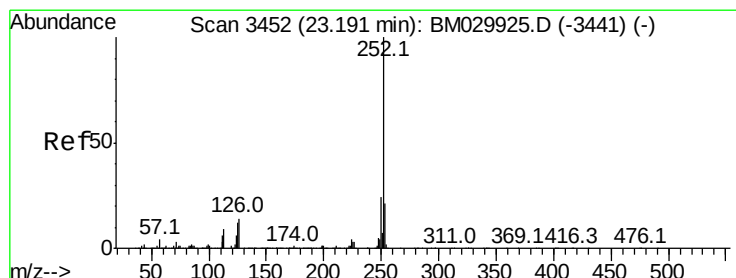
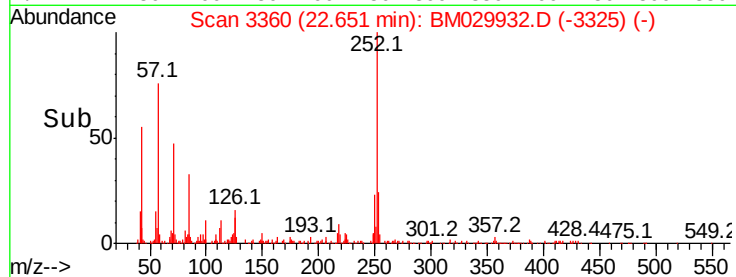
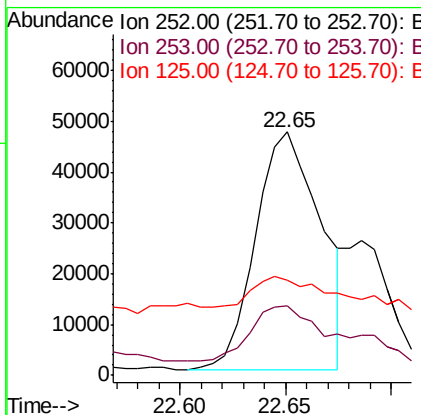
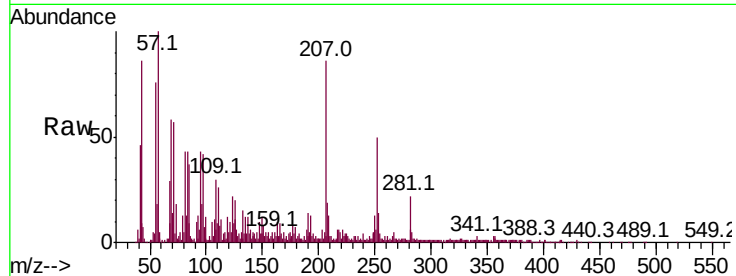
#90
Benzo(b)fluoranthene
Concen: 2.347 ng/ul
RT: 22.65 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM029932.D
Acq: 11 May 2021 08:11

Instrument :
BNA_M
ClientSampleId :
BG590

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.4	26.2#
125	39.2	8.6	12.8#

Manual Integrations
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#93
Benzo(a)pyrene
Concen: 1.858 ng/ul
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM029932.D
Acq: 11 May 2021 08:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.9	26.9#
125	39.2	9.6	14.4#

