

Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASG4

Quant Time: Jan 20 03:28:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	205981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	905047	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	664368	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1569989	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1690888	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1828707	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	11822	2.80	ng/uL	0.00
5) Phenol-d5	6.65	99	193743	12.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	124902	14.73	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	187398	14.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	169278	12.02	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	102126	16.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	110299	16.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	211139	13.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	242653	14.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	816271	15.68	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	889945	14.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	117764	13.55	ng/ul	0.00
58) Fluorene-d10	15.10	176	731082	15.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	115170	12.85	ng/ul	0.00
71) Anthracene-d10	16.95	188	1216990	16.67	ng/ul	0.00
79) Pyrene-d10	19.25	212	1487334	16.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1548078	16.32	ng/ul	0.00

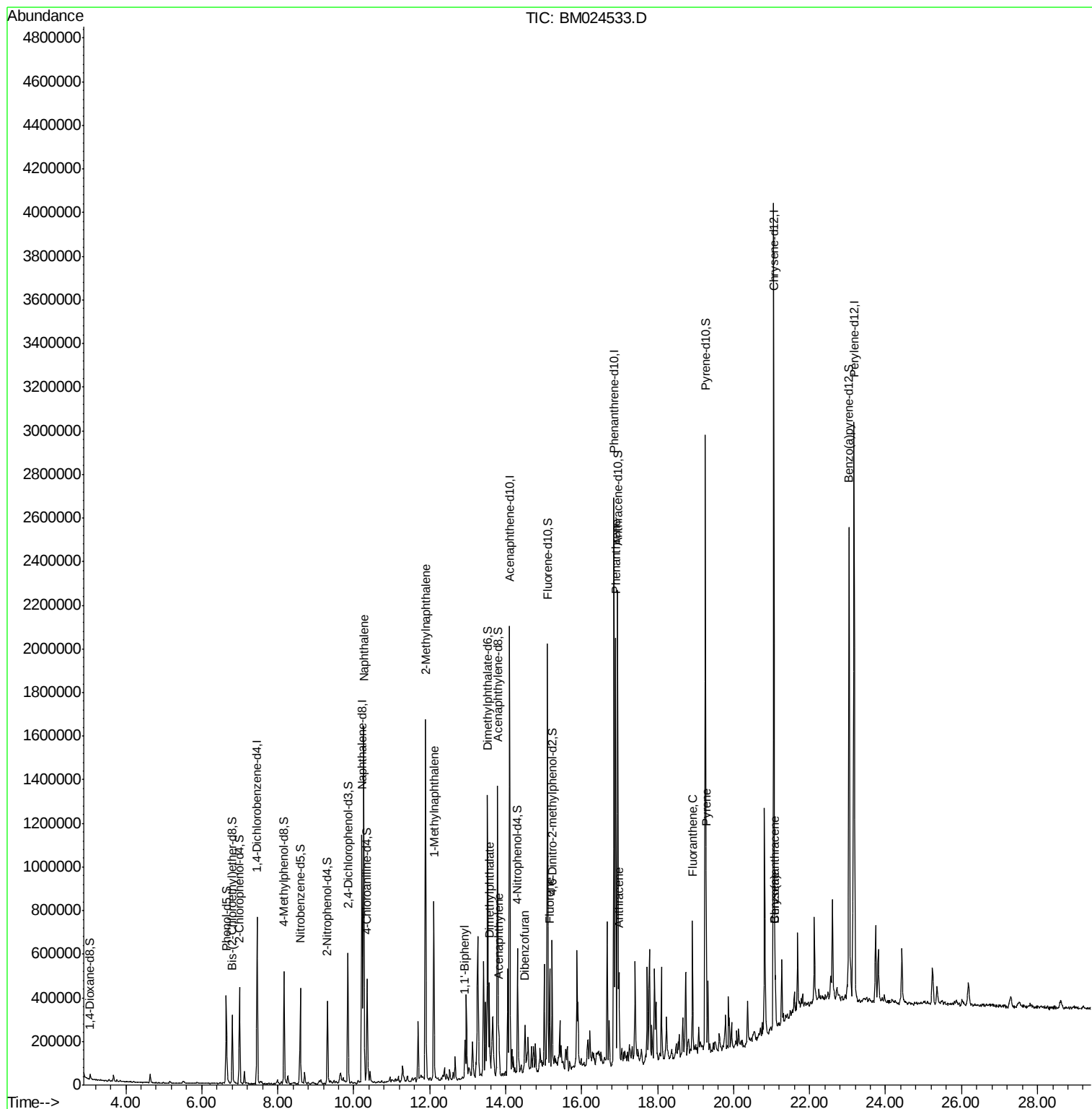
Target Compounds				Qvalue		
28) Naphthalene	10.26	128	1261577	27.209	ng/ul	100
34) 2-Methylnaphthalene	11.89	142	780243	21.687	ng/ul	100
35) 1-Methylnaphthalene	12.11	142	366226	10.041	ng/ul	98
41) 1,1'-Biphenyl	12.93	154	78665	1.631	ng/ul	99
45) Dimethylphthalate	13.57	163	243697	4.605	ng/ul	99
48) Acenaphthylene	13.82	152	100129	1.636	ng/ul	96
54) Dibenzofuran	14.50	168	72120	1.189	ng/ul	93
59) Fluorene	15.16	166	184627	3.599	ng/ul	99
70) Phenanthrene	16.89	178	1182399	13.965	ng/ul	100
72) Anthracene	16.99	178	221228	2.562	ng/ul	99
77) Fluoranthene	18.92	202	382025	3.692	ng/ul	100
80) Pyrene	19.28	202	478210	4.131	ng/ul	99
83) Benzo(a)anthracene	21.09	228	142118	1.234	ng/ul	93
85) Chrysene	21.09	228	143546	1.293	ng/ul	97

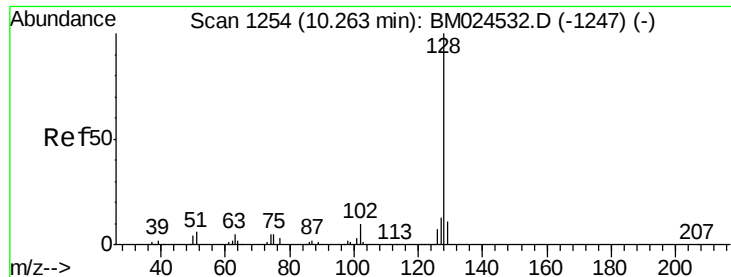
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASG4

Quant Time: Jan 20 03:28:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 27.209 ng/ul

RT: 10.26 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM024533.D

Acq: 18 Jan 2020 13:37

Instrument :

BNA_M

ClientSampleId :

GASG4

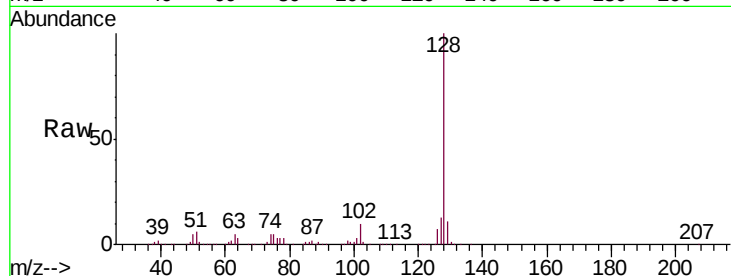
Tgt Ion:128 Resp: 1261577

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

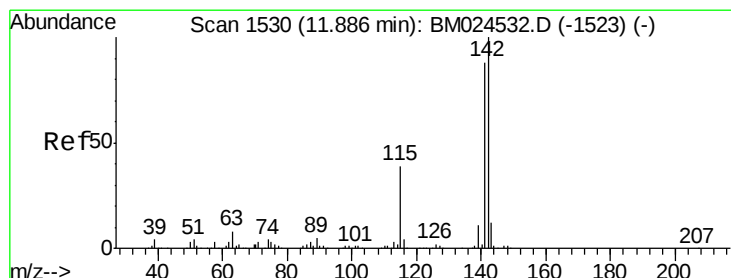
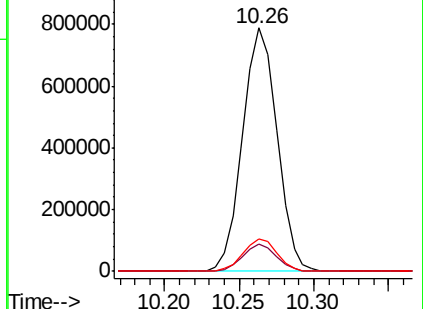
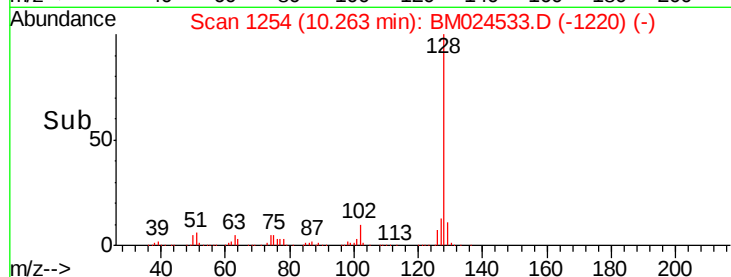
127 13.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 21.687 ng/ul

RT: 11.89 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BM024533.D

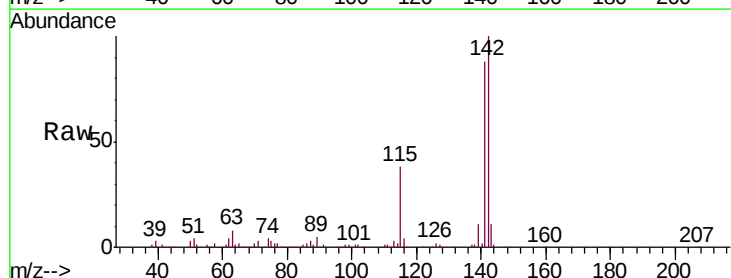
Acq: 18 Jan 2020 13:37

Tgt Ion:142 Resp: 780243

Ion Ratio Lower Upper

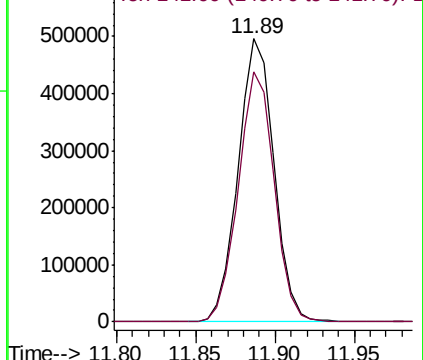
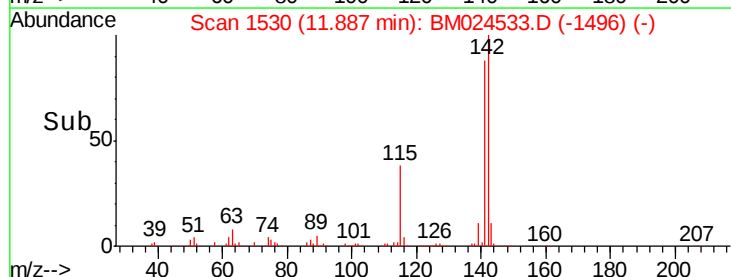
142 100

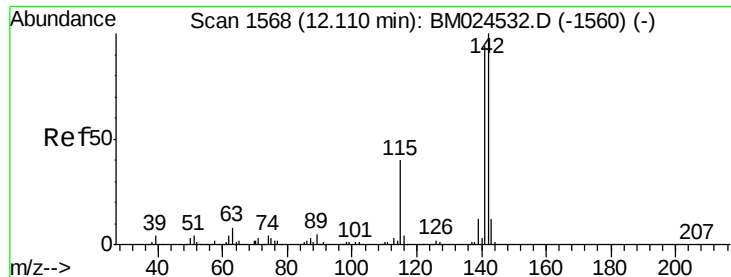
141 88.4 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

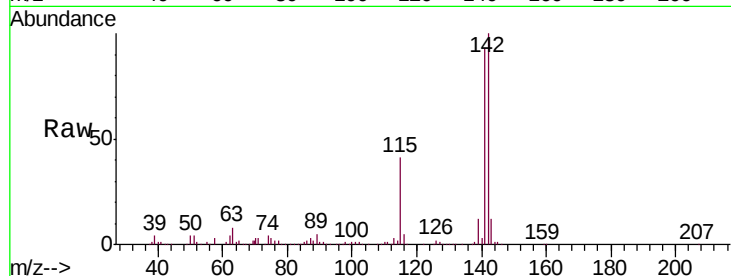




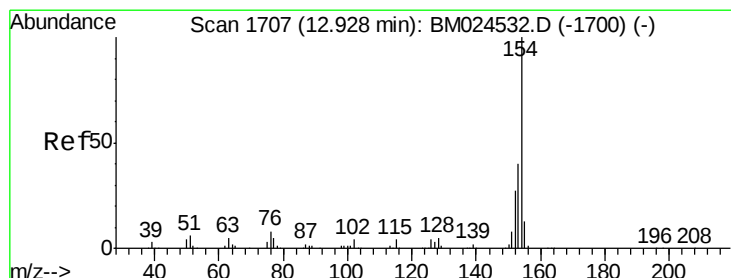
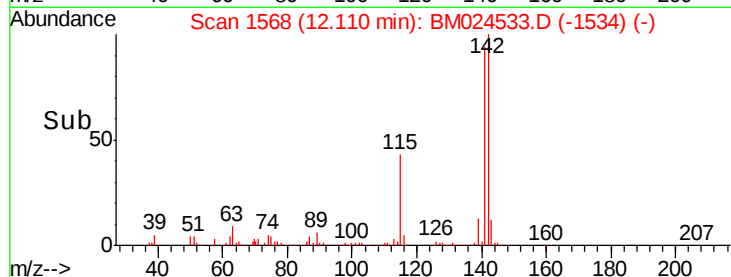
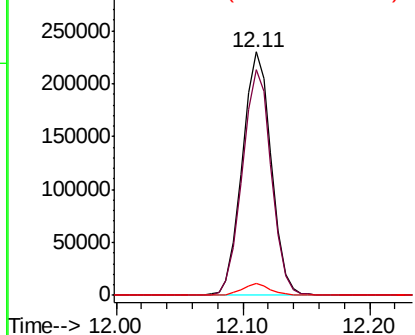
#35
 1-Methylnaphthalene
 Concen: 10.041 ng/ul
 RT: 12.11 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BM024533.D
 Acq: 18 Jan 2020 13:37

Instrument :
 BNA_M
 ClientSampleId :
 GASG4

Tgt Ion:142 Resp: 366226
 Ion Ratio Lower Upper
 142 100
 141 92.7 72.6 109.0
 116 4.7 3.5 5.3

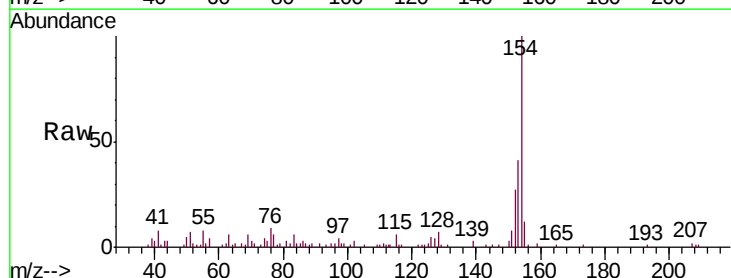


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

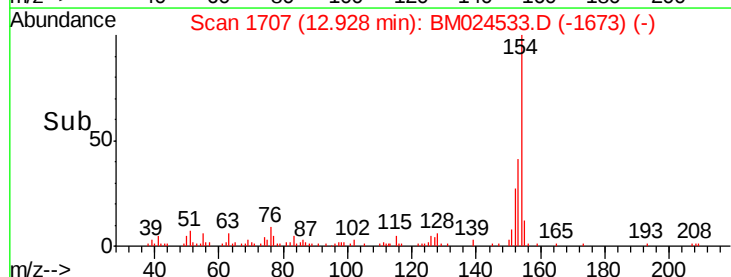
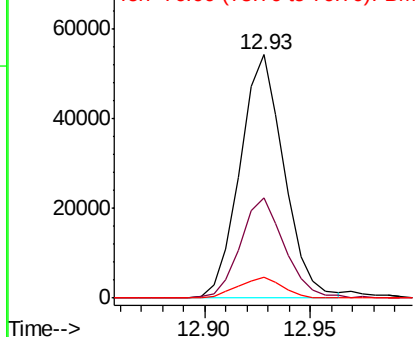


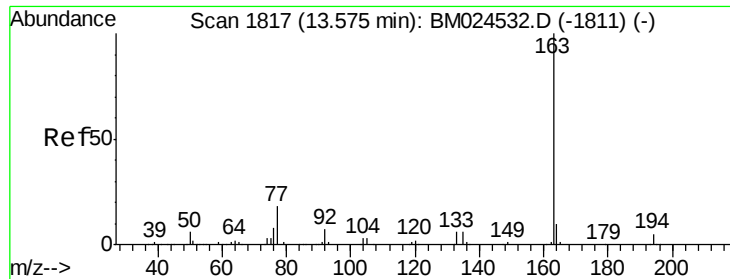
#41
 1,1'-Biphenyl
 Concen: 1.631 ng/ul
 RT: 12.93 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BM024533.D
 Acq: 18 Jan 2020 13:37

Tgt Ion:154 Resp: 78665
 Ion Ratio Lower Upper
 154 100
 153 41.1 32.3 48.5
 76 8.5 7.0 10.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM





#45

Dimethylphthalate

Concen: 4.605 ng/ul

RT: 13.57 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM024533.D

Acq: 18 Jan 2020 13:37

Instrument :

BNA_M

ClientSampleId :

GASG4

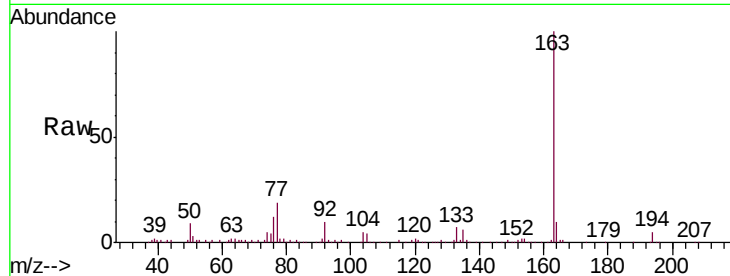
Tgt Ion:163 Resp: 243697

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

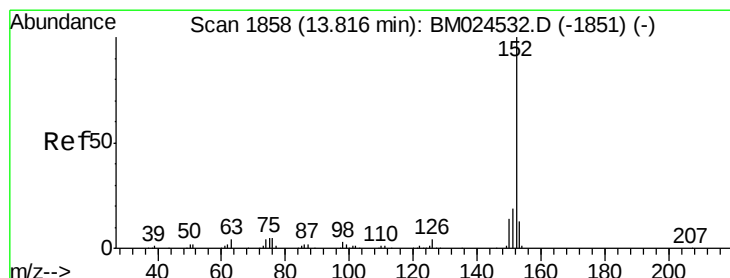
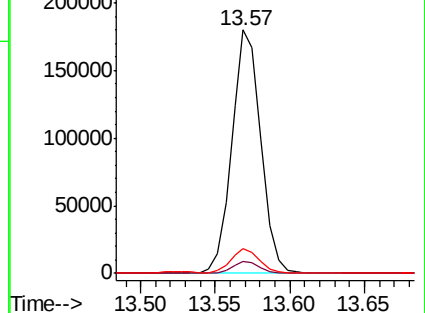
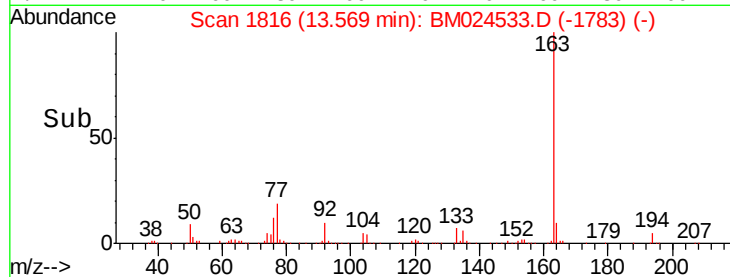
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48

Acenaphthylene

Concen: 1.636 ng/ul

RT: 13.82 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM024533.D

Acq: 18 Jan 2020 13:37

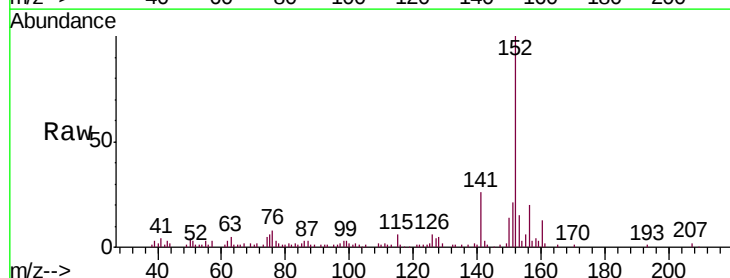
Tgt Ion:152 Resp: 100129

Ion Ratio Lower Upper

152 100

151 21.2 15.9 23.9

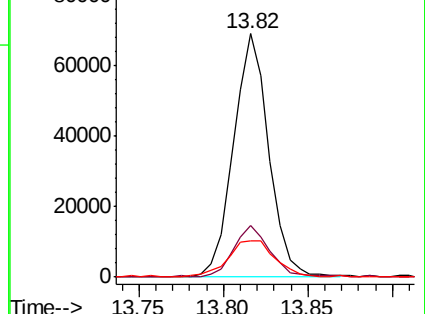
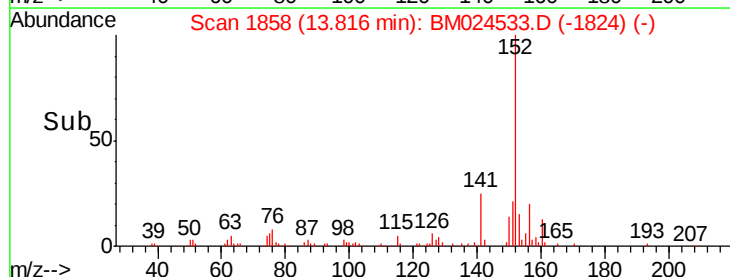
153 14.9 10.3 15.5

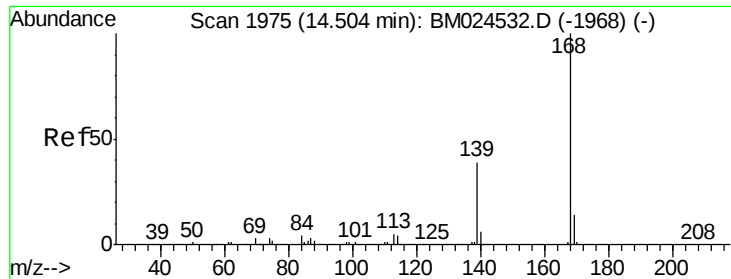


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#54

Dibenzenofuran

Concen: 1.189 ng/ul

RT: 14.50 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM024533.D

Acq: 18 Jan 2020 13:37

Instrument :

BNA_M

ClientSampleId :

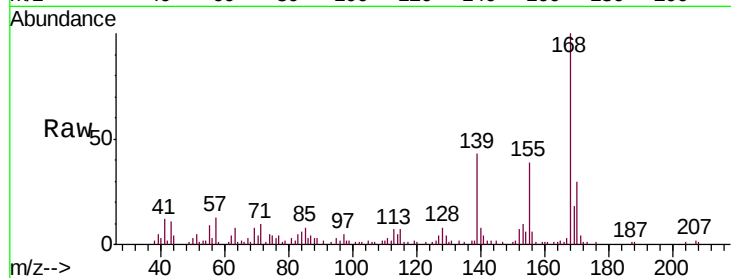
GASG4

Tgt Ion:168 Resp: 72120

Ion Ratio Lower Upper

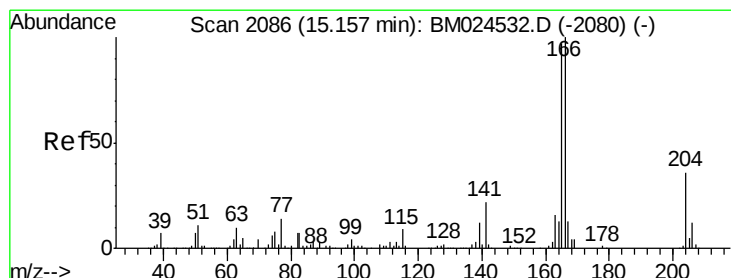
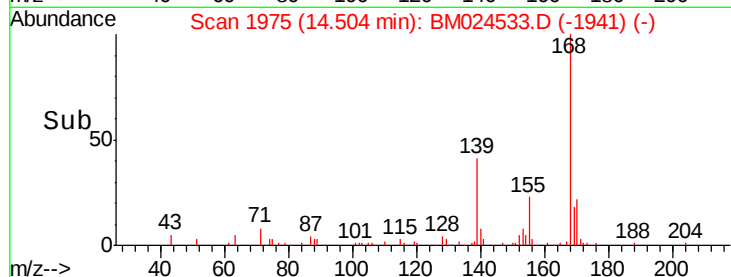
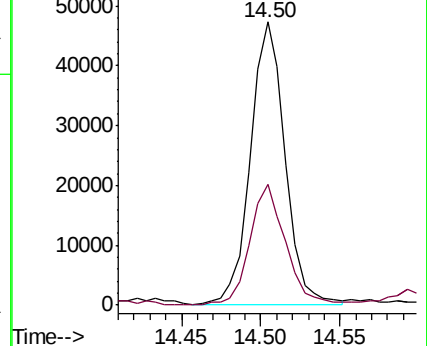
168 100

139 42.6 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 3.599 ng/ul

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM024533.D

Acq: 18 Jan 2020 13:37

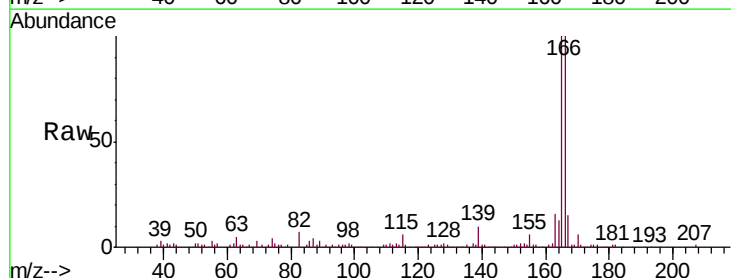
Tgt Ion:166 Resp: 184627

Ion Ratio Lower Upper

166 100

165 99.8 79.6 119.4

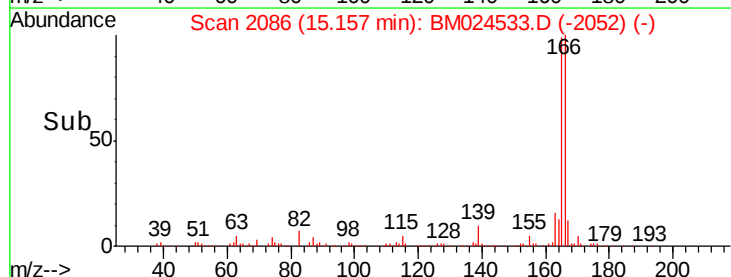
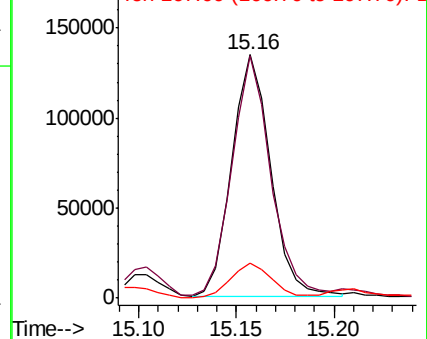
167 14.6 10.8 16.2

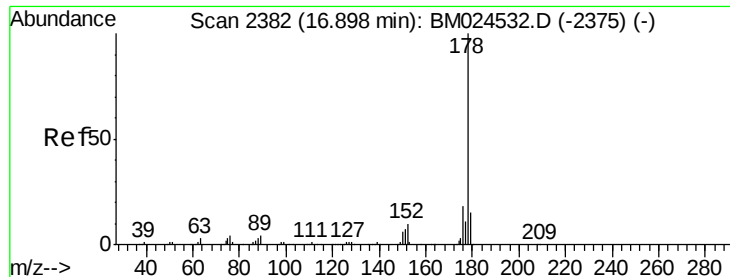


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

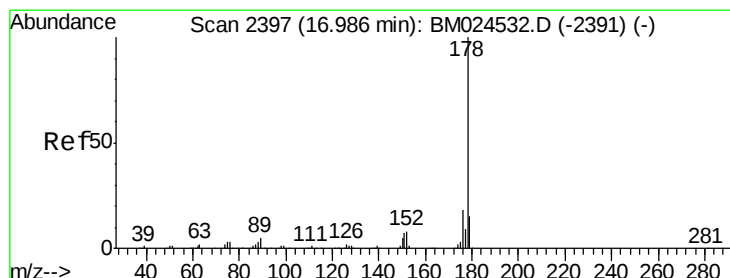
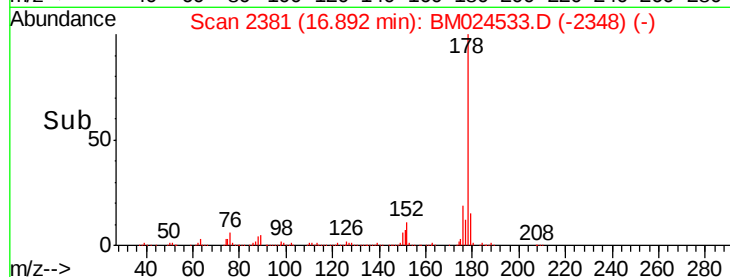
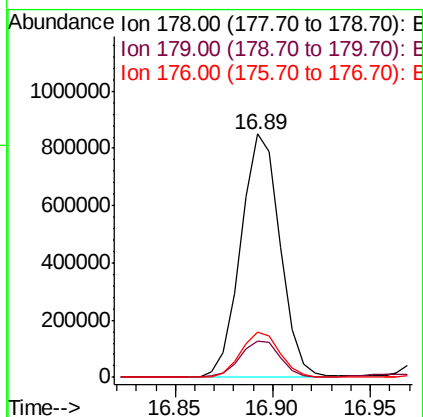
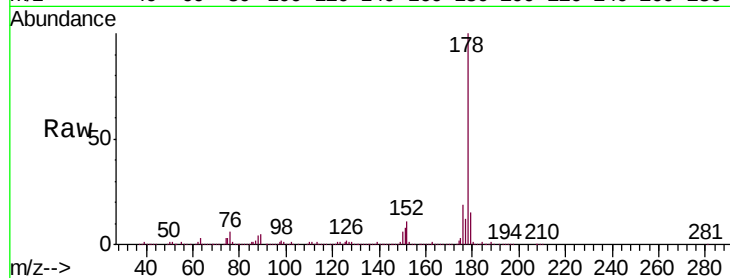




#70
Phenanthrene
Concen: 13.965 ng/ul
RT: 16.89 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM024533.D
Acq: 18 Jan 2020 13:37

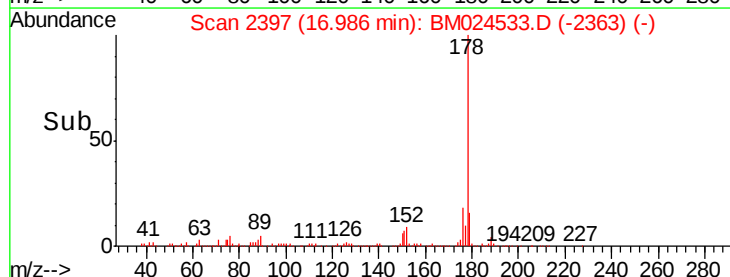
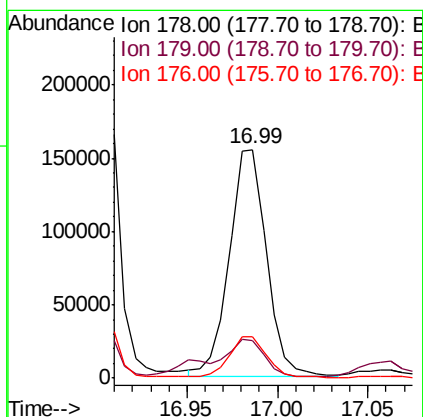
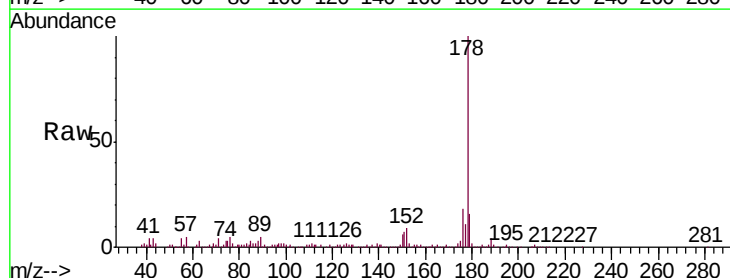
Instrument :
BNA_M
ClientSampleId :
GASG4

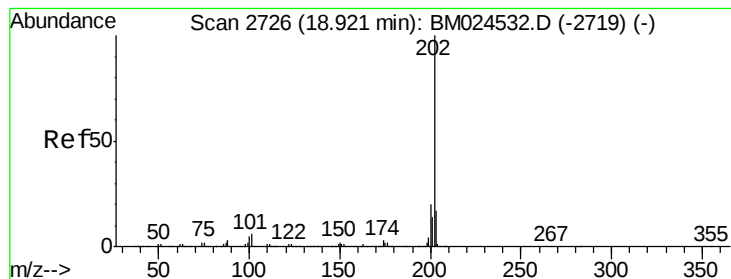
Tgt Ion:178 Resp: 1182399
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 18.7 14.9 22.3



#72
Anthracene
Concen: 2.562 ng/ul
RT: 16.99 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BM024533.D
Acq: 18 Jan 2020 13:37

Tgt Ion:178 Resp: 221228
Ion Ratio Lower Upper
178 100
179 16.4 12.3 18.5
176 18.3 14.6 22.0





#77

Fluoranthene

Concen: 3.692 ng/ul

RT: 18.92 min Scan# 2725

Delta R.T. -0.01 min

Lab File: BM024533.D

Acq: 18 Jan 2020 13:37

Instrument :

BNA_M

ClientSampleId :

GASG4

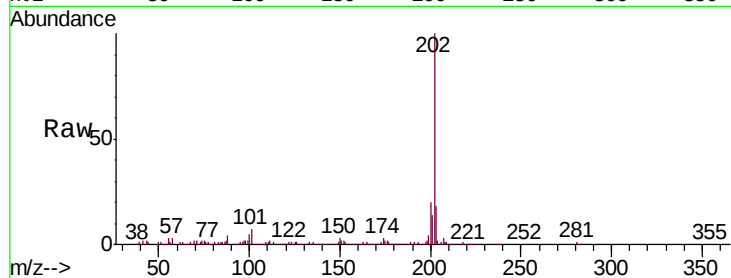
Tgt Ion:202 Resp: 382025

Ion Ratio Lower Upper

202 100

101 6.9 5.4 8.2

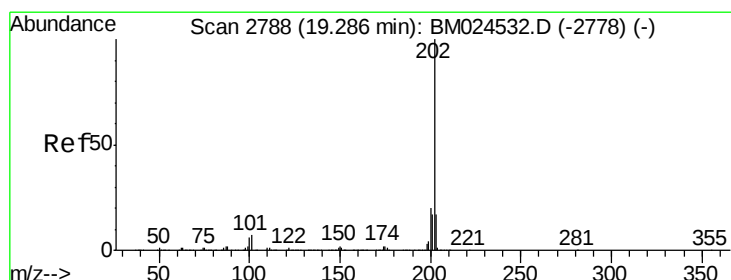
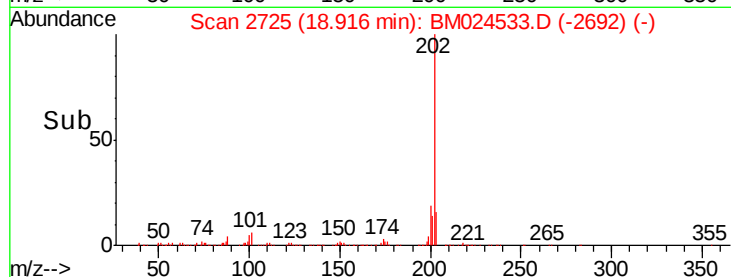
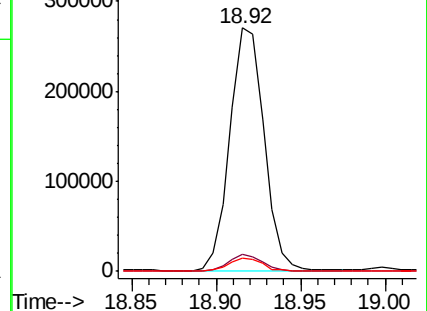
100 5.3 4.3 6.5



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



#80

Pyrene

Concen: 4.131 ng/ul

RT: 19.28 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BM024533.D

Acq: 18 Jan 2020 13:37

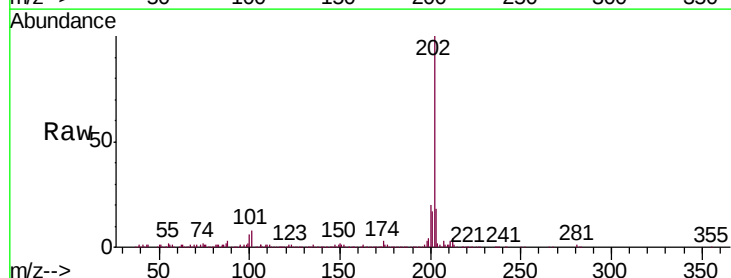
Tgt Ion:202 Resp: 478210

Ion Ratio Lower Upper

202 100

101 7.5 6.5 9.7

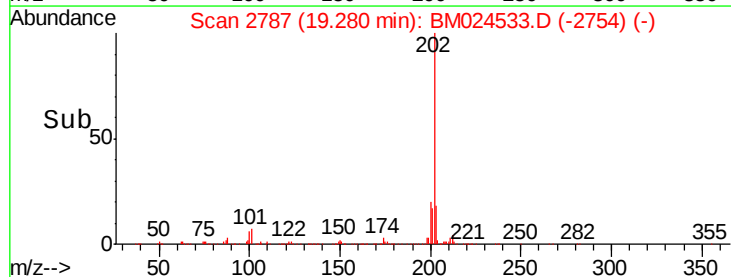
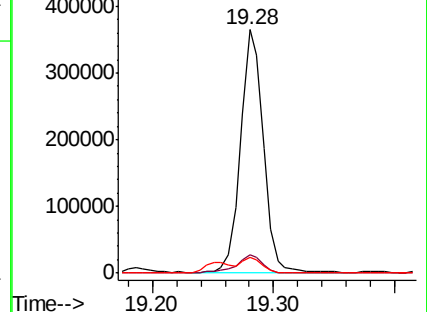
100 6.5 5.0 7.6

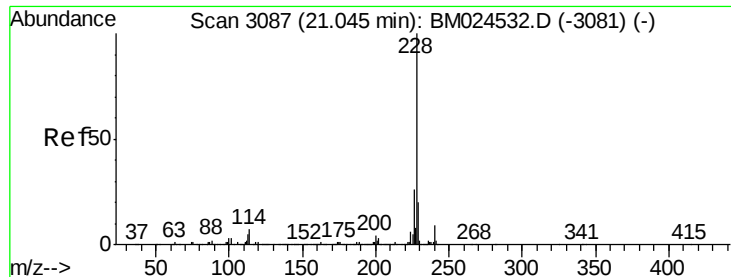


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.234 ng/ul

RT: 21.09 min Scan# 3095

Delta R.T. 0.05 min

Lab File: BM024533.D

Acq: 18 Jan 2020 13:37

Instrument :

BNA_M

ClientSampleId :

GASG4

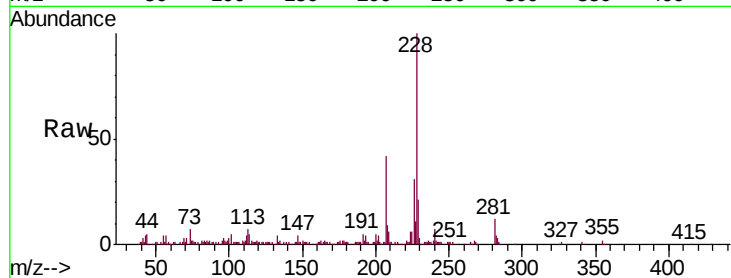
Tgt Ion:228 Resp: 142118

Ion Ratio Lower Upper

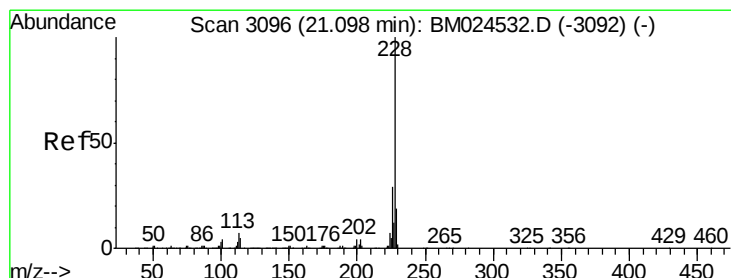
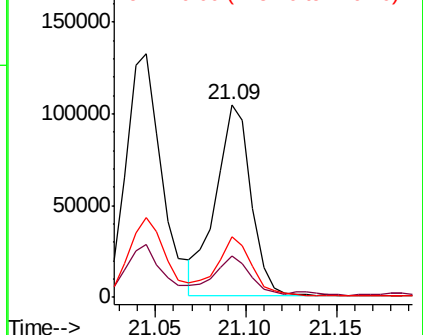
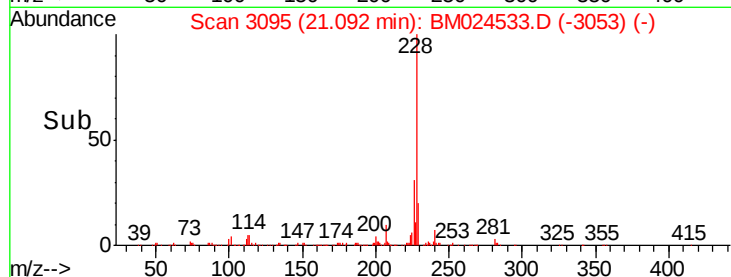
228 100

229 21.5 15.9 23.9

226 31.2 21.1 31.7



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



#85

Chrysene

Concen: 1.293 ng/ul

RT: 21.09 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM024533.D

Acq: 18 Jan 2020 13:37

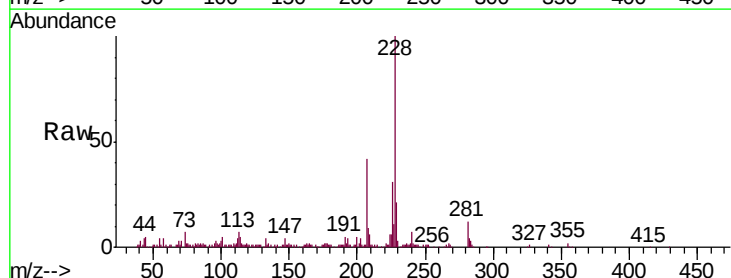
Tgt Ion:228 Resp: 143546

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.2

229 21.5 16.1 24.1



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

