

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
 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

Manual Integrations
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Quant Time: Jan 20 03:42:24 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

					Ovalue
28) Naphthalene	10.26	128	1261577	27.209	ng/ul 100
34) 2-Methylnaphthalene	11.89	142	780243	21.687	ng/ul 100
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	21.04	228	183740m	1.595	ng/ul
85) Chrysene	21.09	228	143546	1.293	ng/ul 97

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

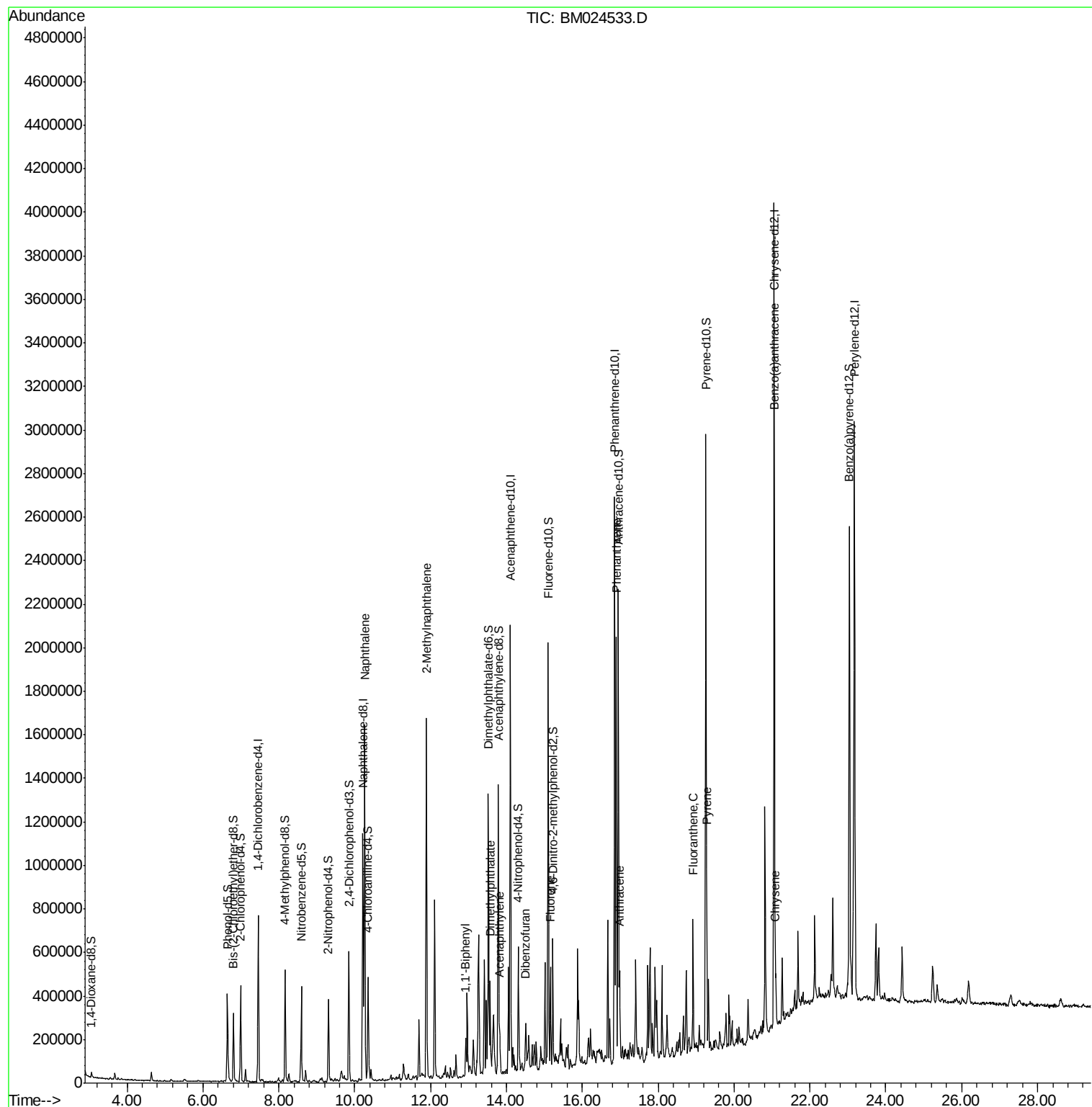
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

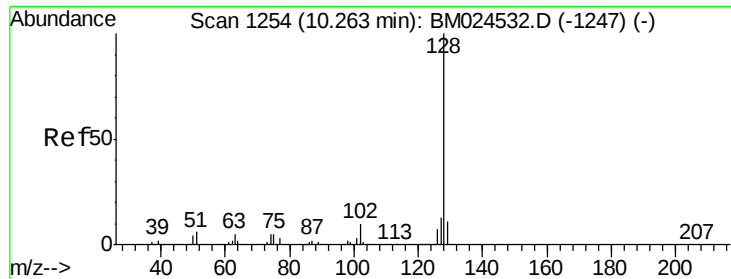
Instrument :
BNA_M
ClientSampleId :
GASG4

Quant Time: Jan 20 03:42:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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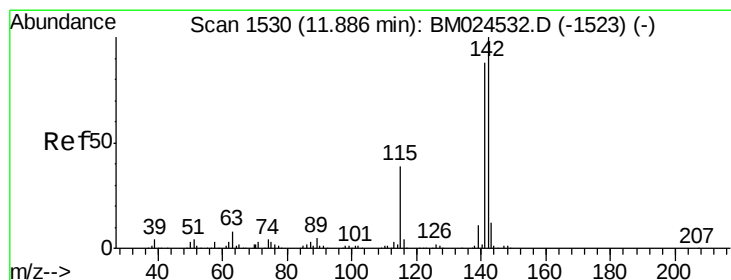
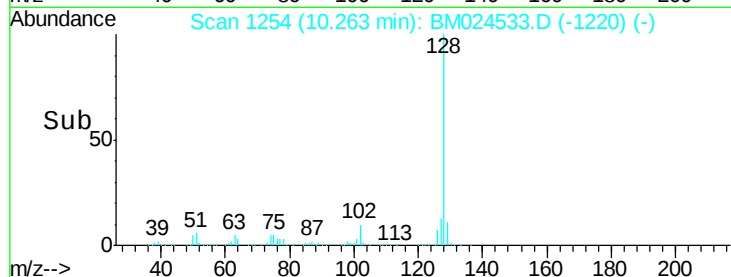
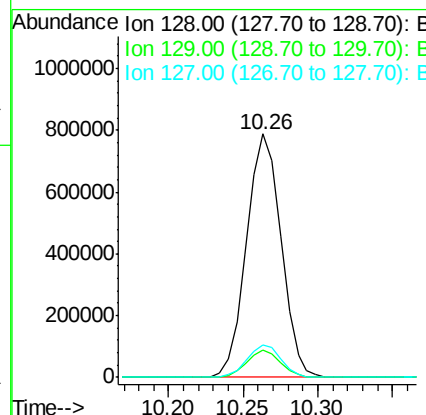
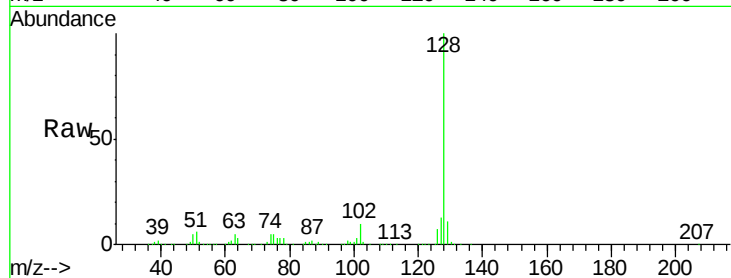
#28
Naphthalene
Concen: 27.209 ng/ul
RT: 10.26 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BM024533.D
Acq: 18 Jan 2020 13:37

Instrument :
BNA_M
ClientSampleId :
GASG4

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.4	15.6

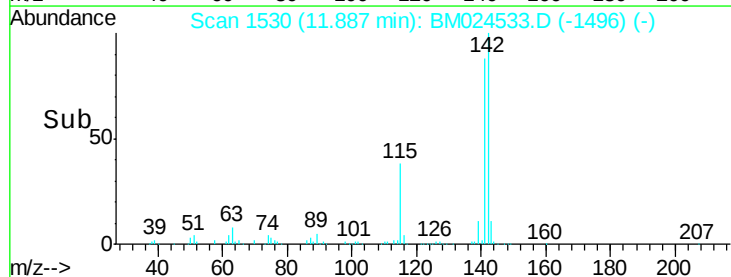
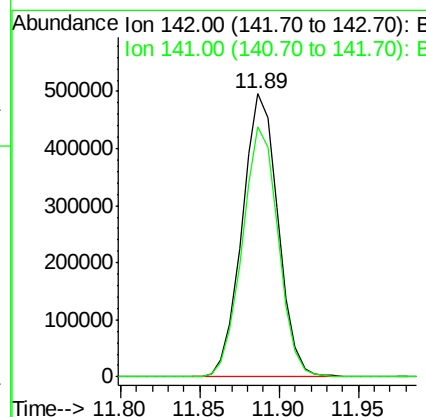
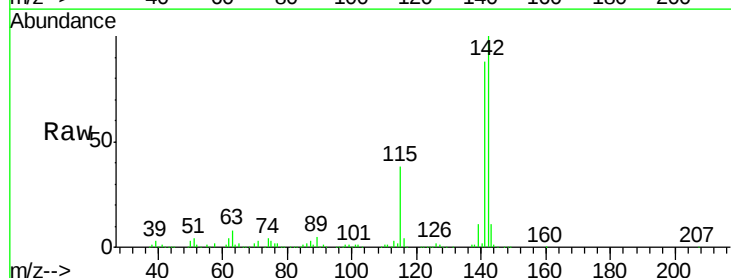
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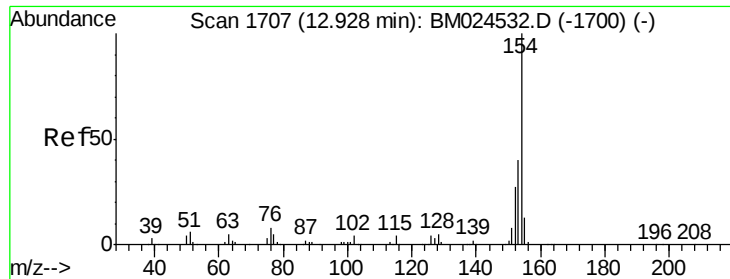
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#34
2-Methylnaphthalene
Concen: 21.687 ng/ul
RT: 11.89 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BM024533.D
Acq: 18 Jan 2020 13:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.4	105.6





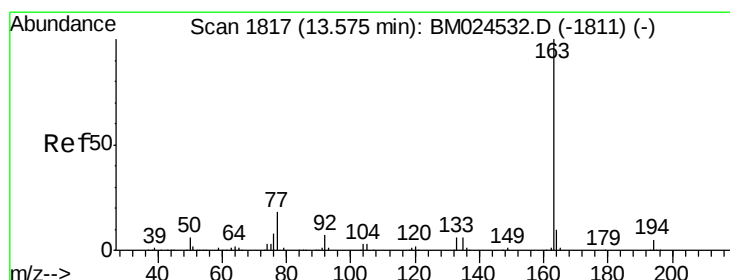
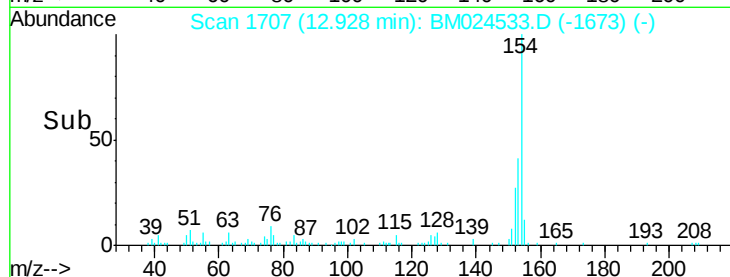
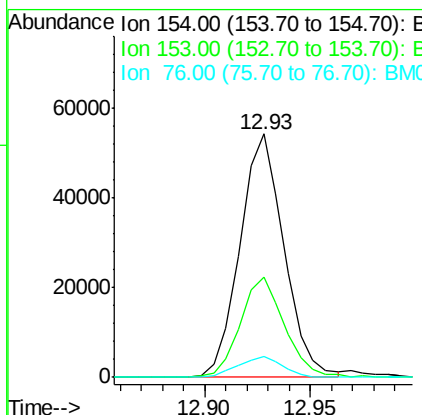
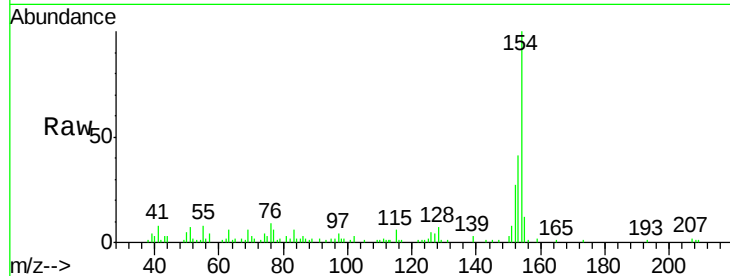
#41
 1,1'-Biphenyl
 Concen: 1.631 ng/ul
 RT: 12.93 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BM024533.D
 Acq: 18 Jan 2020 13:37

Instrument :
 BNA_M
 ClientSampleId :
 GASG4

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

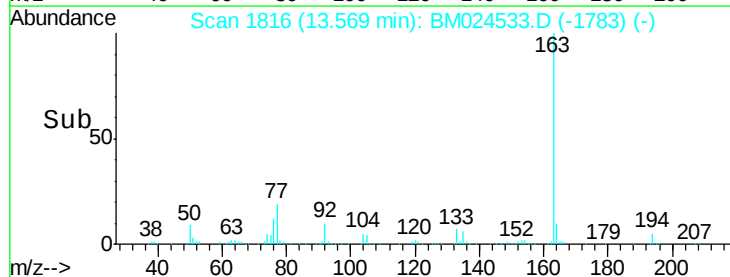
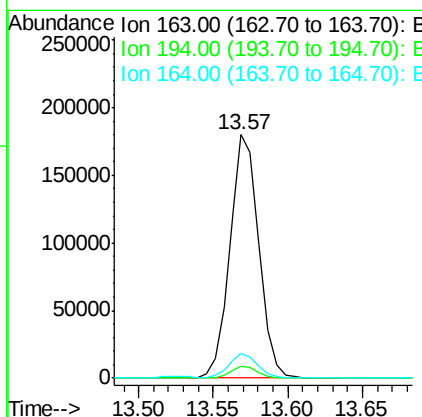
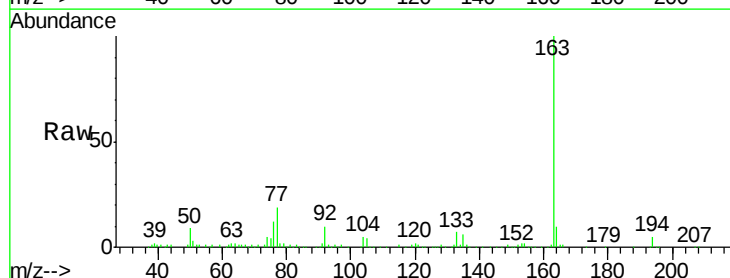
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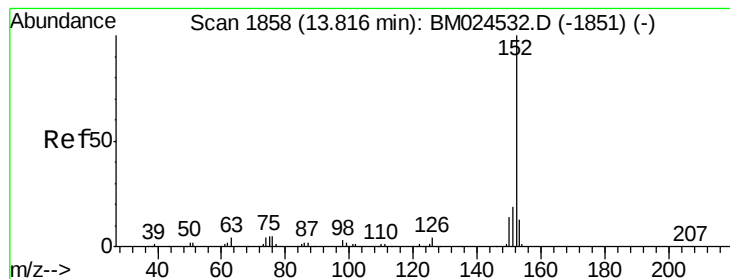
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#45
 Dimethylphthalate
 Concen: 4.605 ng/ul
 RT: 13.57 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BM024533.D
 Acq: 18 Jan 2020 13:37

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





#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

Instrument :

BNA_M

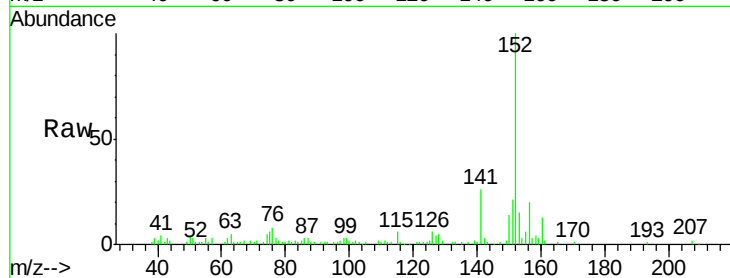
ClientSampleId :

GASG4

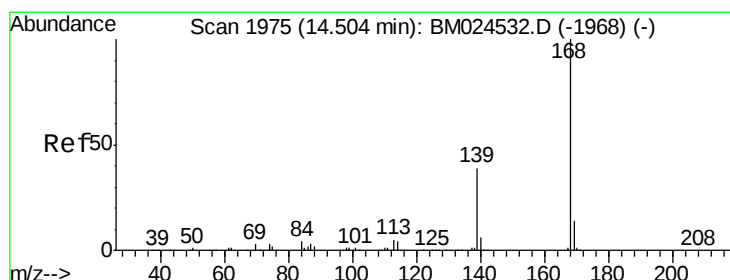
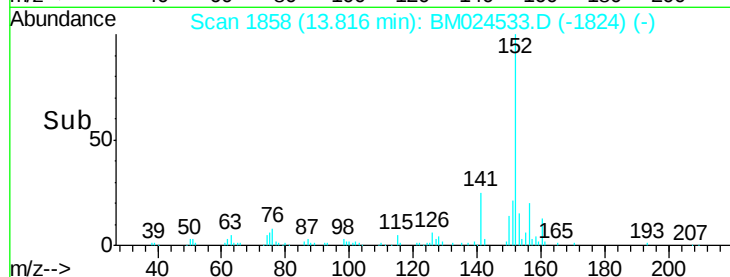
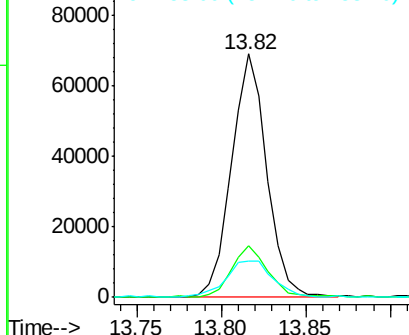
Tot Ion:	152	Resp:	100129
Ion Ratio	Lower	Upper	
152	100		
151	21.2	15.9	23.9
153	14.9	10.3	15.5

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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

Dibenzofuran

Concen: 1.189 ng/ul

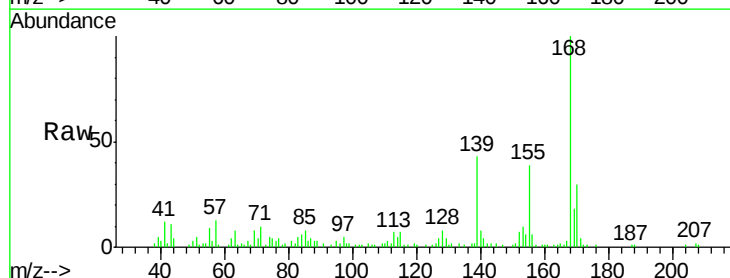
RT: 14.50 min Scan# 1975

Delta R.T. 0.00 min

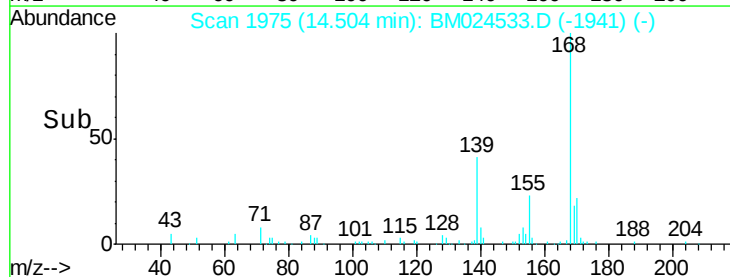
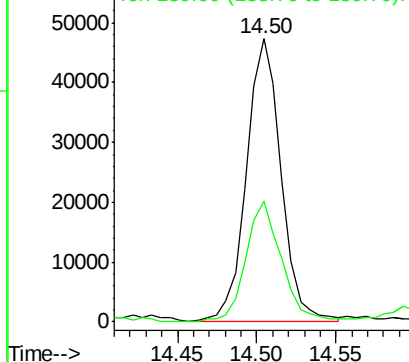
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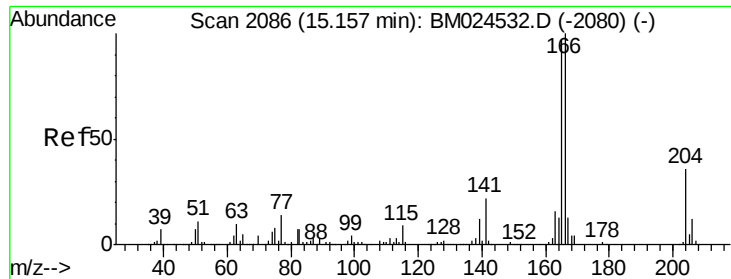
Acq: 18 Jan 2020 13:37

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

Instrument :

BNA_M

ClientSampled :

GASG4

Tot Ion:166 Resp: 184627

Ion Ratio Lower Upper

166 100

165 99.8 79.6 119.4

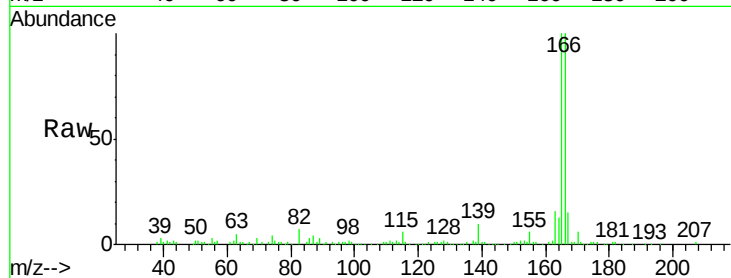
167 14.6 10.8 16.2

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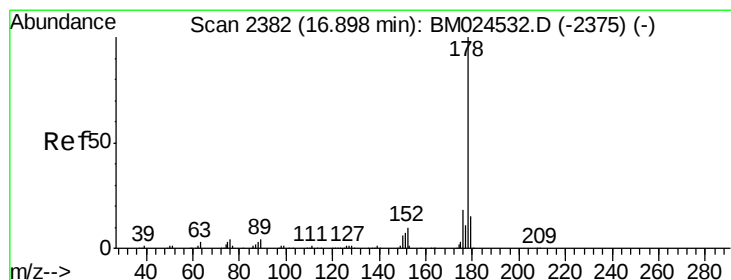
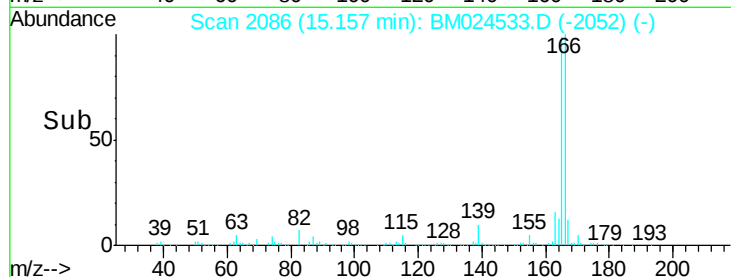
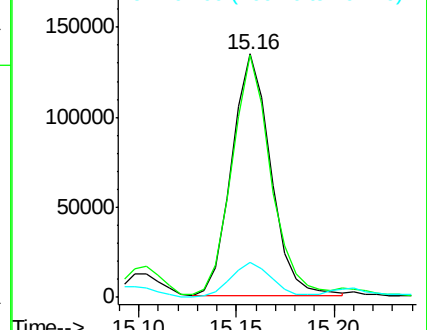
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 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

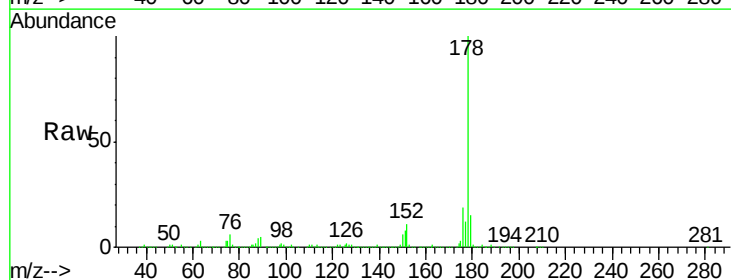
Tgt Ion:178 Resp: 1182399

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

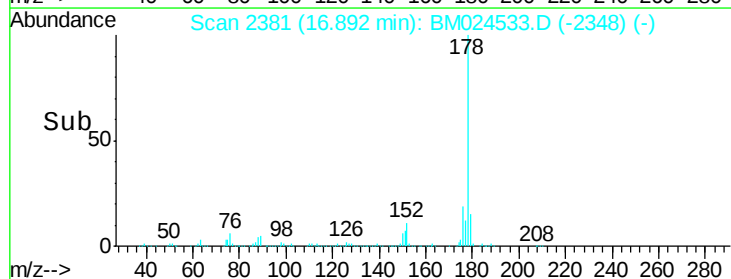
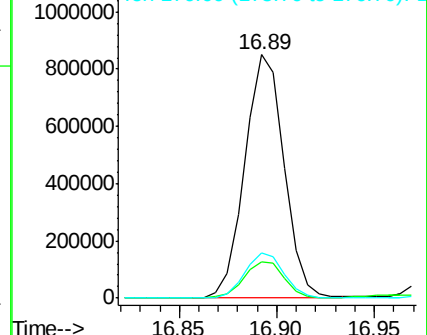
176 18.7 14.9 22.3

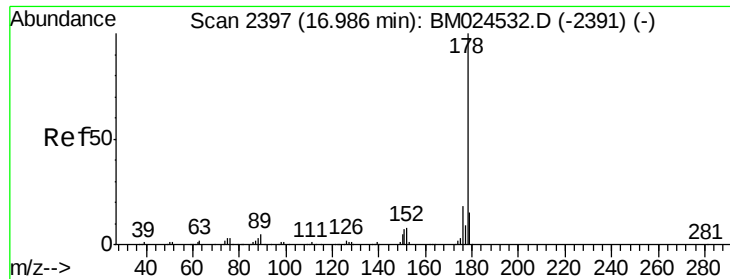


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 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

Instrument :

BNA_M

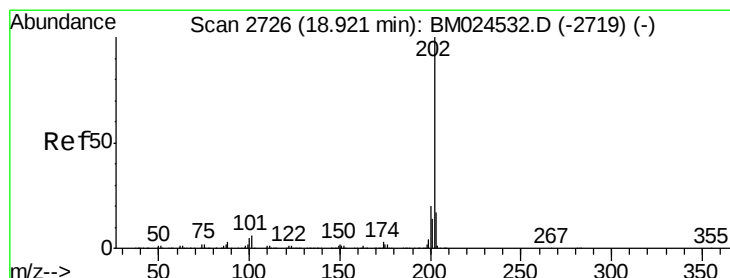
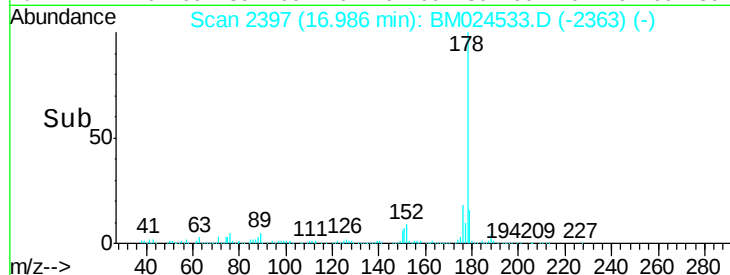
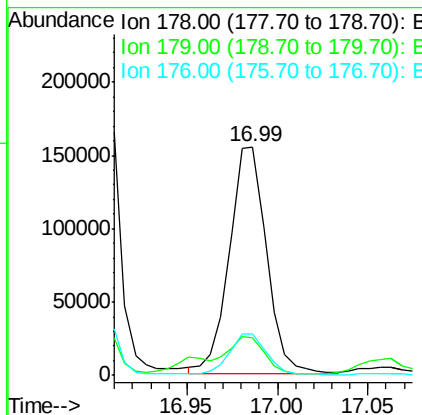
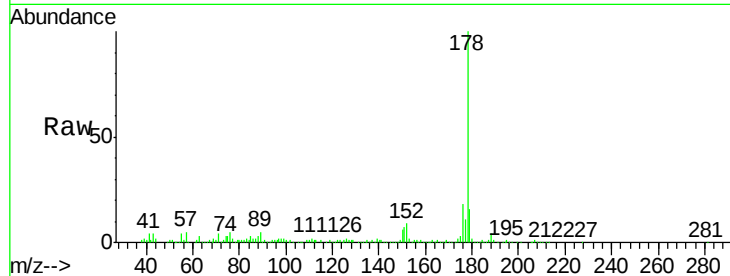
ClientSampleId :

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

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#77

Fluoranthene

Concen: 3.692 ng/ul

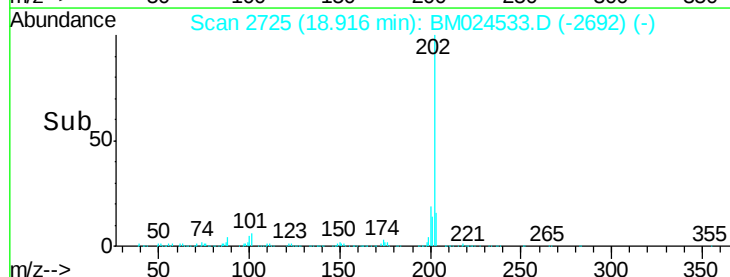
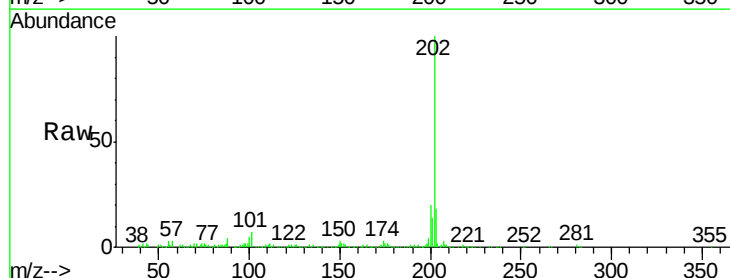
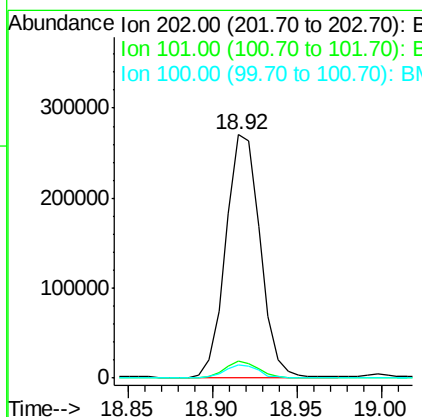
RT: 18.92 min Scan# 2725

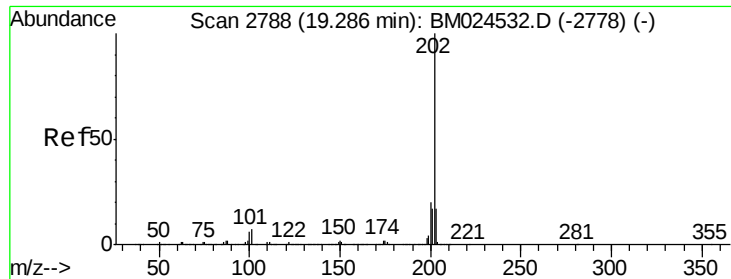
Delta R.T. -0.01 min

Lab File: BM024533.D

Acq: 18 Jan 2020 13:37

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





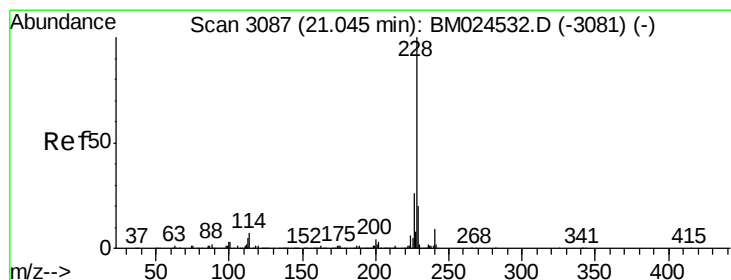
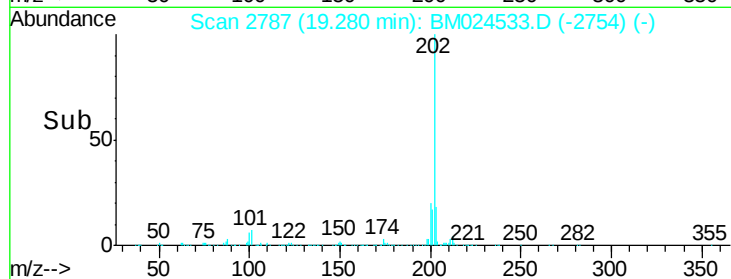
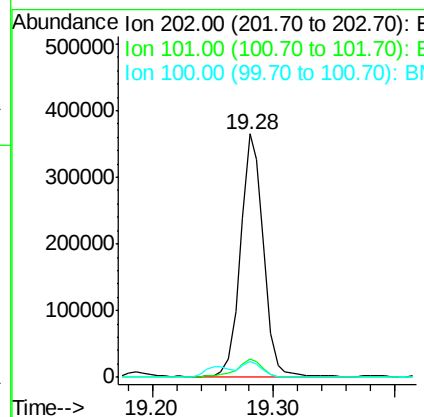
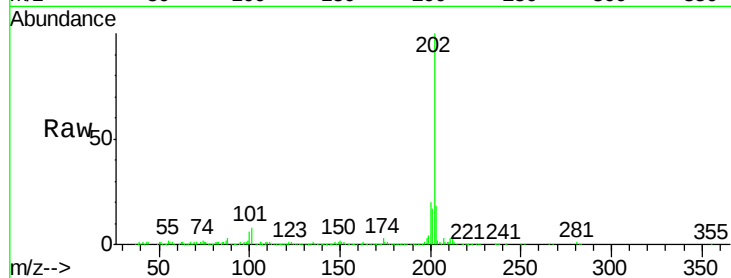
#80
Pvrene
Concen: 4.131 ng/ul
RT: 19.28 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BM024533.D
Acq: 18 Jan 2020 13:37

Instrument :
BNA_M
ClientSampleId :
GASG4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.5	6.5	9.7
100	6.5	5.0	7.6

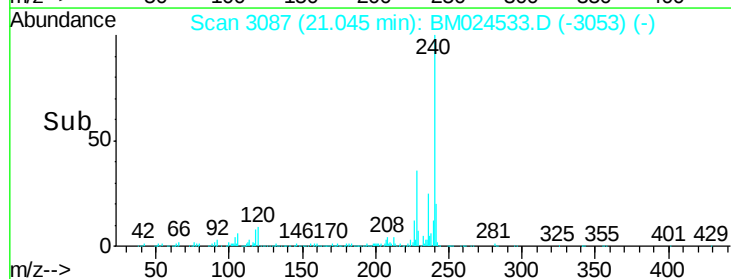
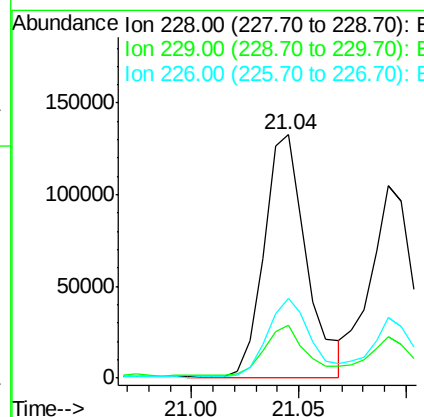
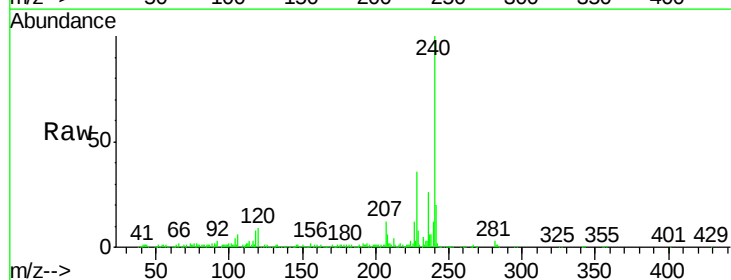
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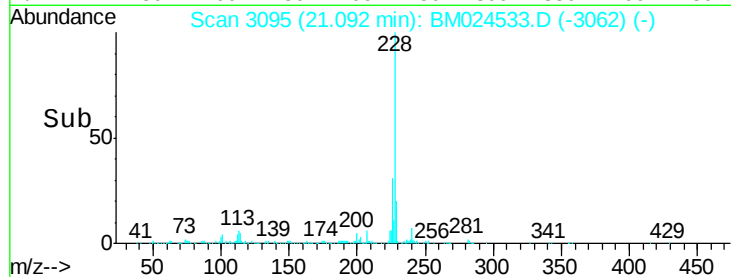
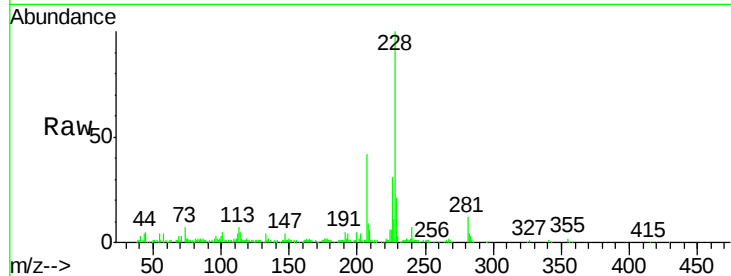
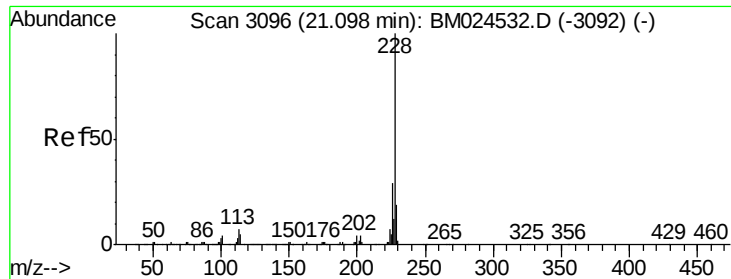
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#83
Benzo(a)anthracene
Concen: 1.595 ng/ul m
RT: 21.04 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM024533.D
Acq: 18 Jan 2020 13:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.5	15.9	23.9
226	32.6	21.1	31.7#





#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

Tot Ion:	228	Resp:	143546
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.4	35.2
229	21.5	16.1	24.1

Instrument :

BNA_M

ClientSampleId :

GASG4

Manual Integrations
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