

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
 Data File : BM043765.D
 Acq On : 05 Jan 2024 18:02
 Operator : MA/JU
 Sample : 05952-14ME
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF97ME

Quant Time: Jan 05 22:00:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

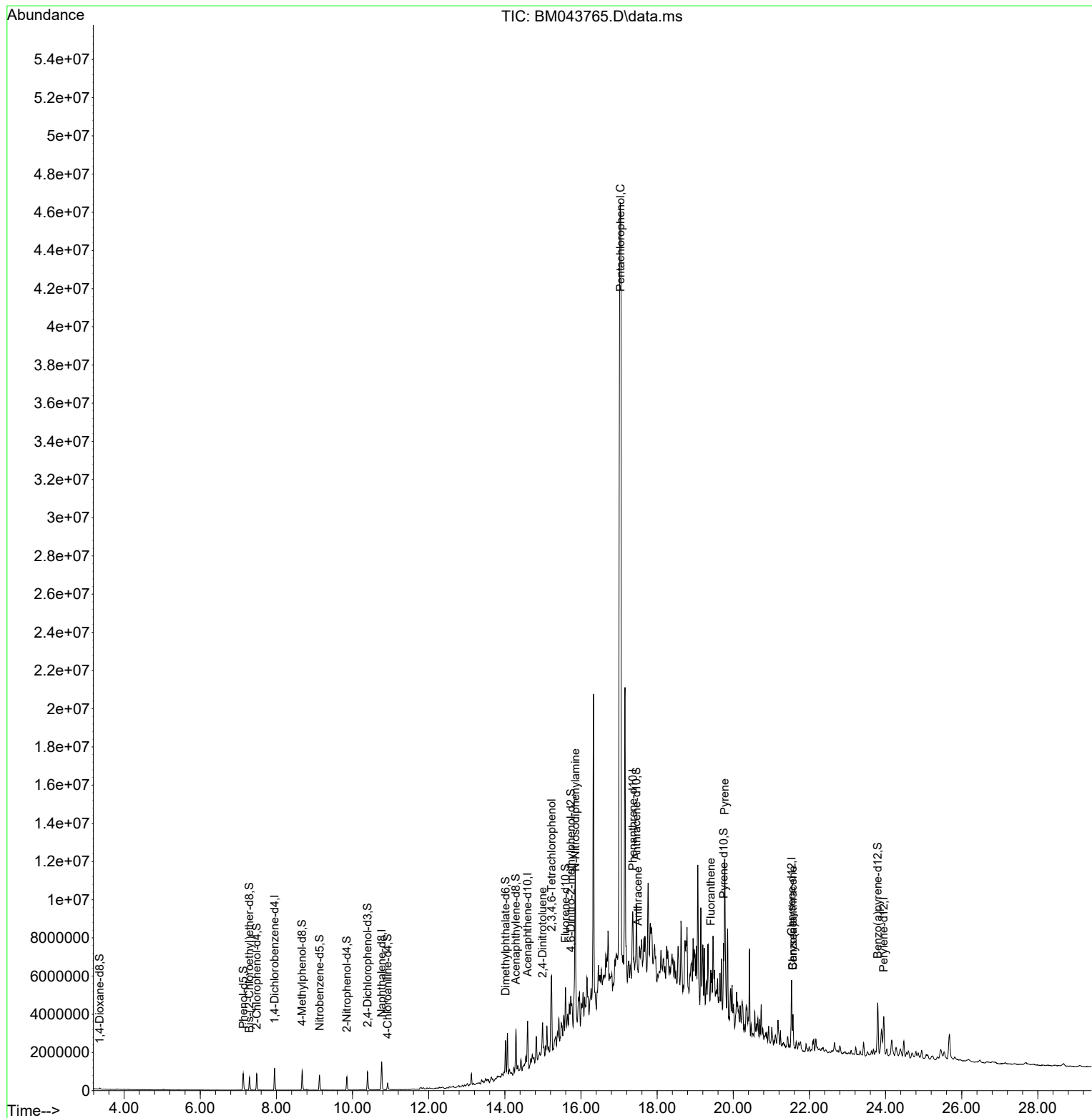
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	309824	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1227478	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	727051	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	1448419	20.000	ng/ul	0.02
79) Chrysene-d12	21.533	240	1354471	20.000	ng/ul	0.01
88) Perylene-d12	23.950	264	1496641	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	26651	2.796	ng/uL	-0.01
4) Pyridine-d5	3.781	84	572	0.021	ng/ul	0.00
7) Phenol-d5	7.128	99	512136	14.531	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.292	67	306740	13.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	406446	15.104	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	404673	14.796	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	195525	16.464	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	221690	18.066	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	383877	17.722	ng/ul	0.01
31) 4-Chloroaniline-d4	10.922	131	220555	6.921	ng/ul	0.01
46) Dimethylphthalate-d6	14.016	166	1152476	17.609	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1426061	18.367	ng/ul	0.00
54) 4-Nitrophenol-d4	14.780	143	333	0.027	ng/ul	-0.01
60) Fluorene-d10	15.592	176	1013814	18.732	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	161683	16.878	ng/ul	0.02
73) Anthracene-d10	17.456	188	1558272	19.183	ng/ul	0.02
81) Pyrene-d10	19.745	212	1729656	16.175	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.791	264	1719562	18.619	ng/ul	0.02
Target Compounds						
57) 2,4-Dinitrotoluene	14.992	165	20738	1.175	ng/ul#	71
58) 2,3,4,6-Tetrachlorophenol	15.227	232	522204	40.766	ng/ul#	94
67) N-Nitrosodiphenylamine	15.857	169	772408	13.884	ng/ul#	34
71) Pentachlorophenol	17.033	266	19528293	1643.096	ng/ul	98
74) Anthracene	17.492	178	102409	1.034	ng/ul#	46
80) Fluoranthene	19.409	202	788205	5.952	ng/ul	98
82) Pyrene	19.774	202	4141162	30.419	ng/ul	95
85) Benzo(a)anthracene	21.568	228	1140050	10.066	ng/ul	94
87) Chrysene	21.568	228	1135935	11.148	ng/ul	98

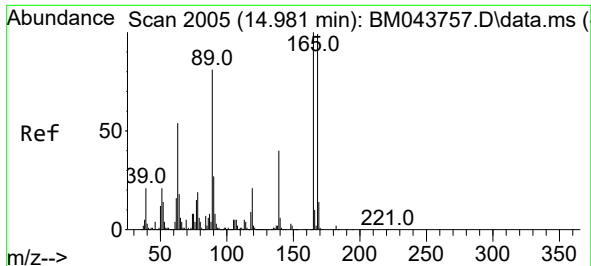
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration





#57

2,4-Dinitrotoluene

Concen: 1.175 ng/ul

RT: 14.992 min Scan# 2005

Delta R.T. 0.023 min

Lab File: BM043765.D

Acq: 05 Jan 2024 18:02

Instrument :

BNA_M

ClientSampleId :

GCF97ME

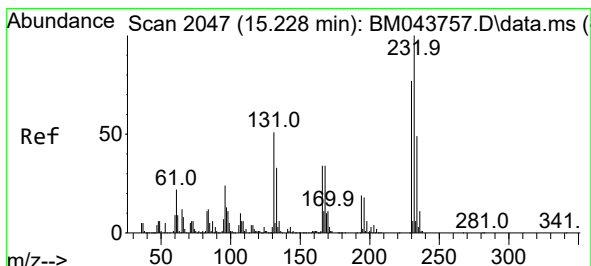
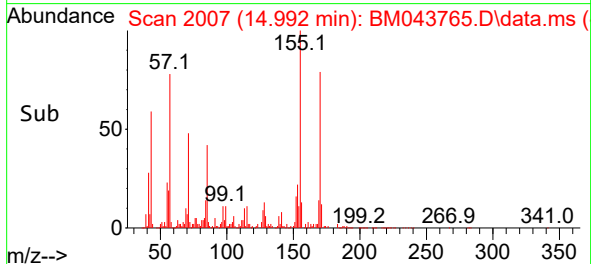
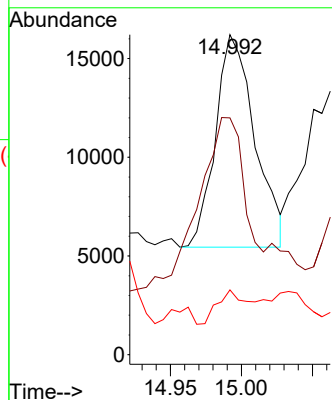
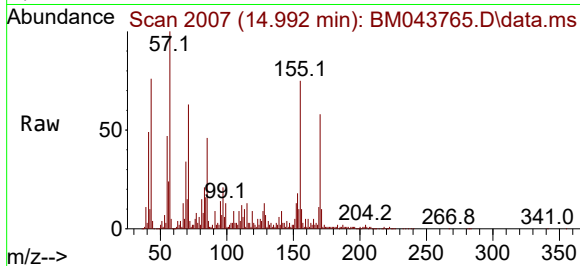
Tgt Ion:165 Resp: 20738

Ion Ratio Lower Upper

165 100

63 74.0 43.2 64.8#

182 20.3 2.3 3.5#



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.766 ng/ul

RT: 15.227 min Scan# 2047

Delta R.T. 0.012 min

Lab File: BM043765.D

Acq: 05 Jan 2024 18:02

Tgt Ion:232 Resp: 522204

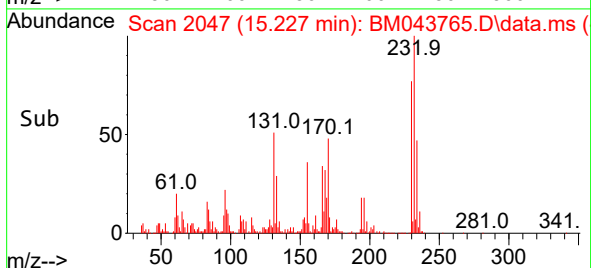
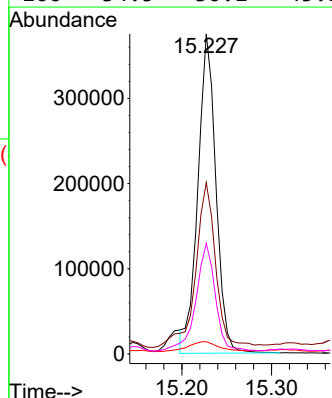
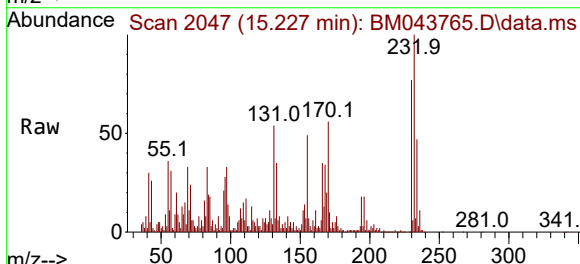
Ion Ratio Lower Upper

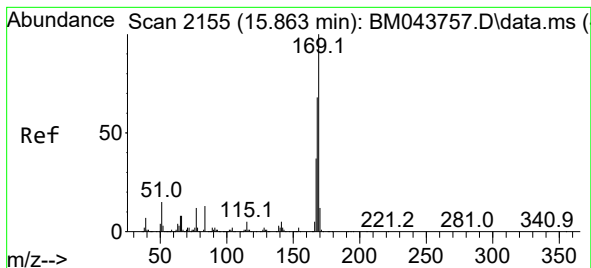
232 100

131 53.5 47.4 71.0

130 3.9 2.4 3.6#

166 34.5 30.1 45.1





#67

N-Nitrosodiphenylamine

Concen: 13.884 ng/ul

RT: 15.857 min Scan# 2155

Delta R.T. -0.000 min

Lab File: BM043765.D

Acq: 05 Jan 2024 18:02

Instrument :

BNA_M

ClientSampleId :

GCF97ME

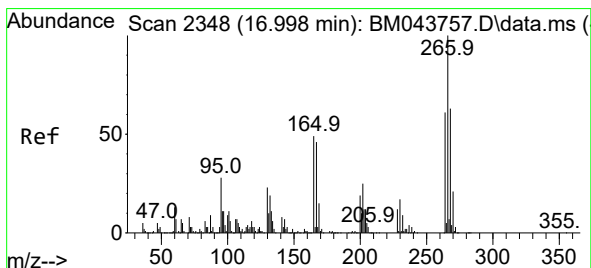
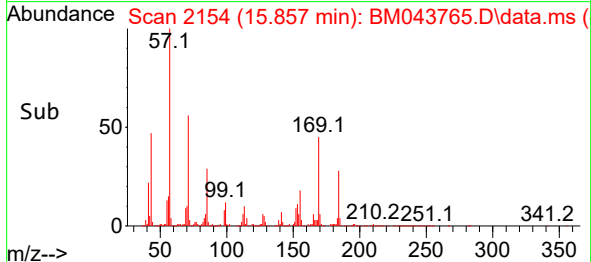
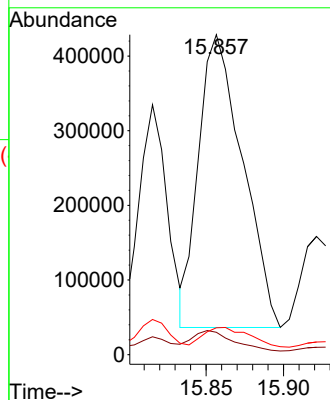
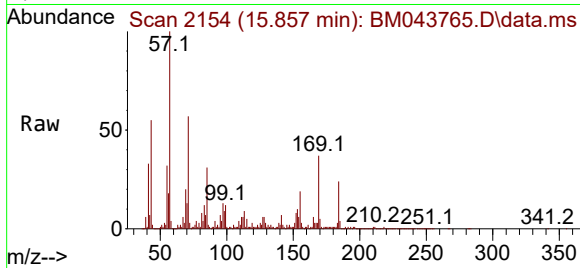
Tgt Ion:169 Resp: 772408

Ion Ratio Lower Upper

169 100

168 7.0 54.1 81.1#

167 8.4 29.8 44.8#



#71

Pentachlorophenol

Concen: 1643.096 ng/ul

RT: 17.033 min Scan# 2354

Delta R.T. 0.053 min

Lab File: BM043765.D

Acq: 05 Jan 2024 18:02

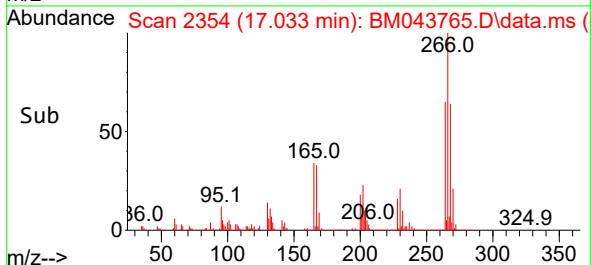
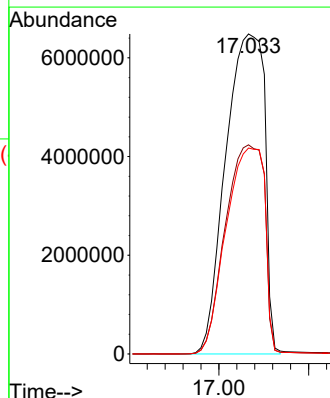
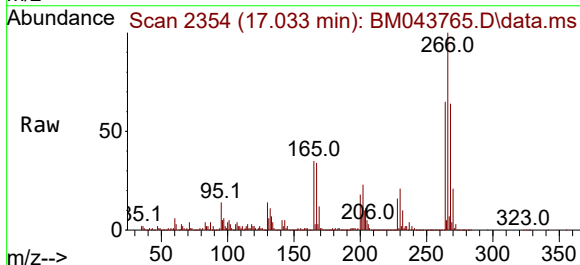
Tgt Ion:266 Resp:19528293

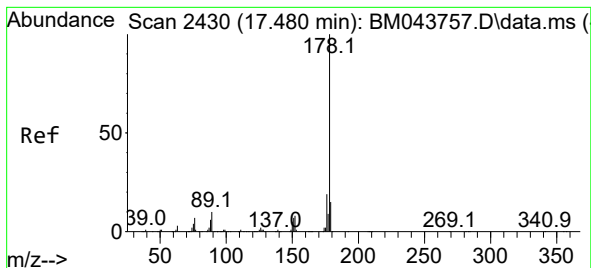
Ion Ratio Lower Upper

266 100

264 65.3 49.9 74.9

268 64.3 51.0 76.6





#74

Anthracene

Concen: 1.034 ng/ul

RT: 17.492 min Scan# 2432

Delta R.T. 0.017 min

Lab File: BM043765.D

Acq: 05 Jan 2024 18:02

Instrument :

BNA_M

ClientSampleId :

GCF97ME

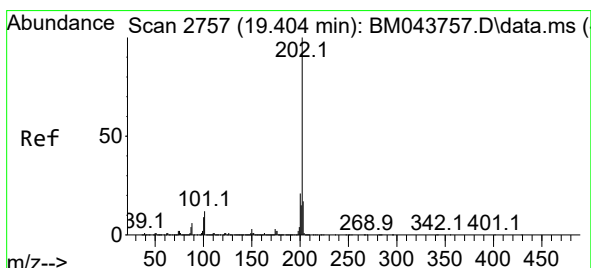
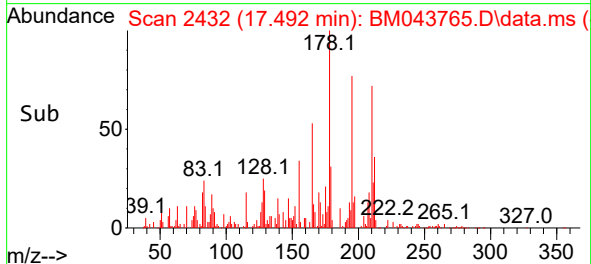
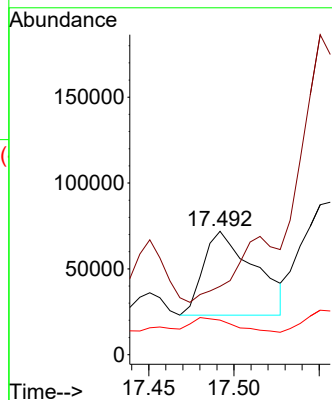
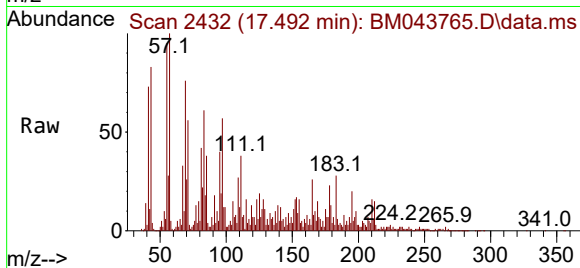
Tgt Ion:178 Resp: 102409

Ion Ratio Lower Upper

178 100

179 55.4 12.4 18.6#

176 28.0 15.2 22.8#



#80

Fluoranthene

Concen: 5.952 ng/ul

RT: 19.409 min Scan# 2758

Delta R.T. 0.017 min

Lab File: BM043765.D

Acq: 05 Jan 2024 18:02

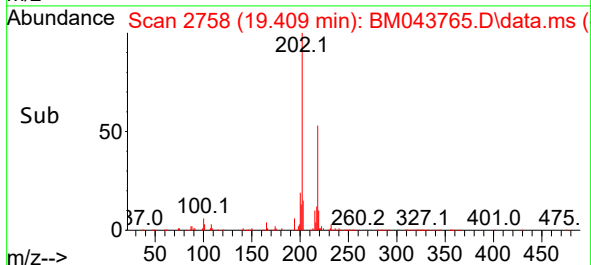
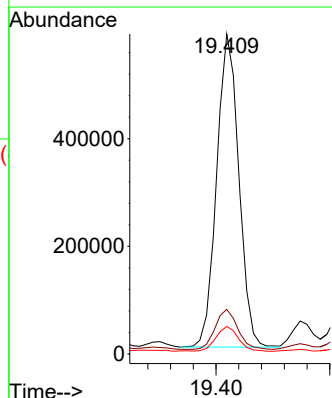
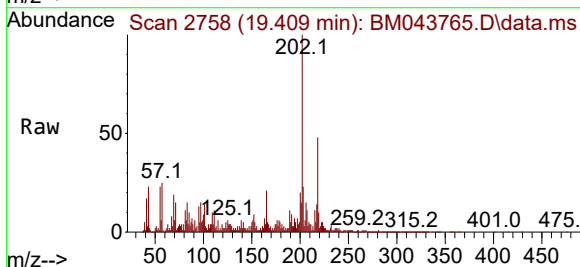
Tgt Ion:202 Resp: 788205

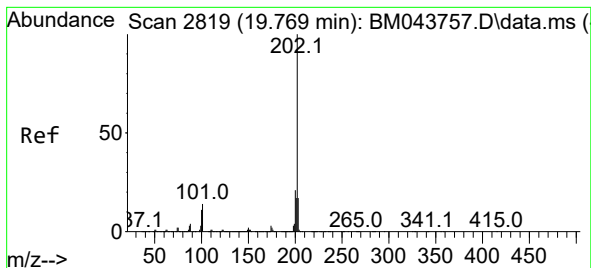
Ion Ratio Lower Upper

202 100

101 13.9 11.4 17.0

100 8.6 8.2 12.4





#82

Pyrene

Concen: 30.419 ng/ul

RT: 19.774 min Scan# 21

Delta R.T. 0.017 min

Lab File: BM043765.D

Acq: 05 Jan 2024 18:02

Instrument :

BNA_M

ClientSampleId :

GCF97ME

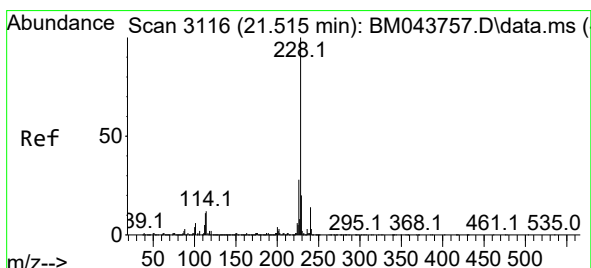
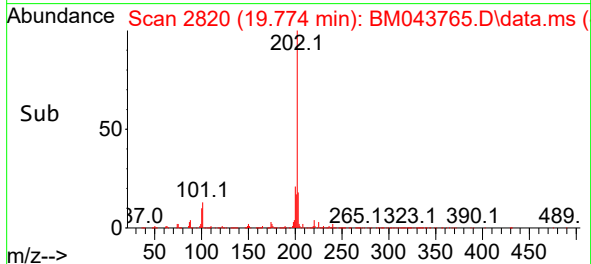
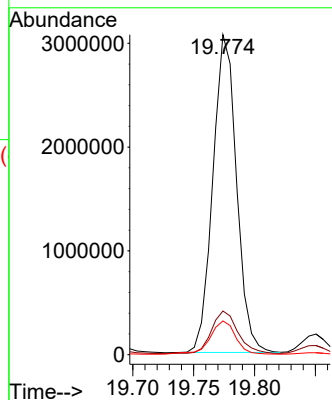
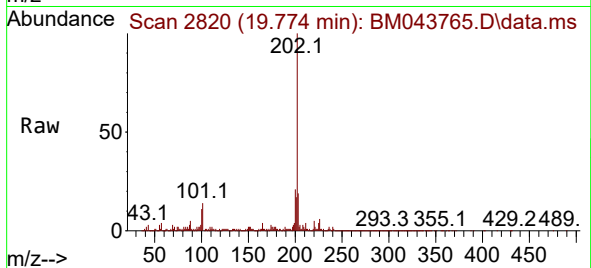
Tgt Ion:202 Resp: 4141162

Ion Ratio Lower Upper

202 100

101 13.7 12.7 19.1

100 10.6 10.1 15.1



#85

Benzo(a)anthracene

Concen: 10.066 ng/ul

RT: 21.568 min Scan# 3125

Delta R.T. 0.065 min

Lab File: BM043765.D

Acq: 05 Jan 2024 18:02

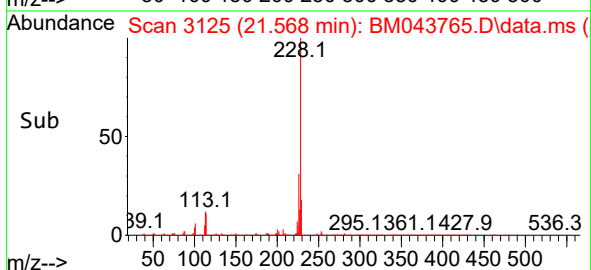
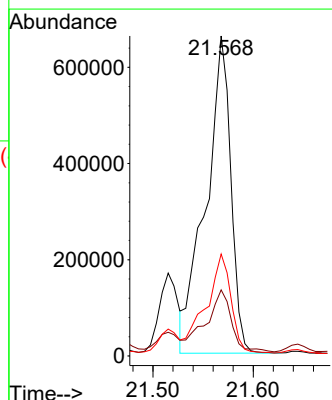
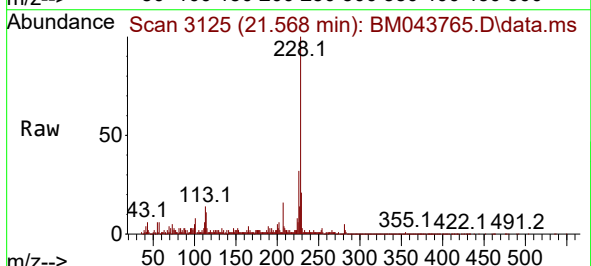
Tgt Ion:228 Resp: 1140050

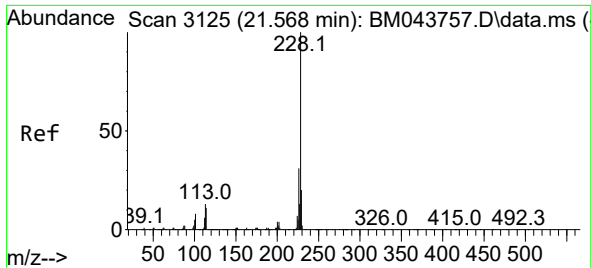
Ion Ratio Lower Upper

228 100

229 20.7 15.6 23.4

226 31.8 22.2 33.2





#87

Chrysene

Concen: 11.148 ng/ul

RT: 21.568 min Scan# 31

Delta R.T. 0.012 min

Lab File: BM043765.D

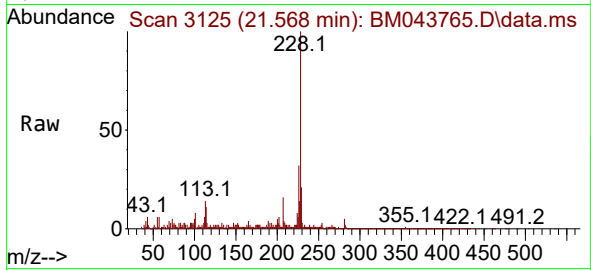
Acq: 05 Jan 2024 18:02

Instrument :

BNA_M

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GCF97ME



Tgt Ion:228 Resp: 1135935

Ion	Ratio	Lower	Upper
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228	100		
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226	31.8	24.2	36.2
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229	20.7	15.9	23.9
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