

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043740.D
 Acq On : 03 Jan 2024 19:20
 Operator : MA/JU
 Sample : 05952-14DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF97DL

Quant Time: Jan 03 21:54:46 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

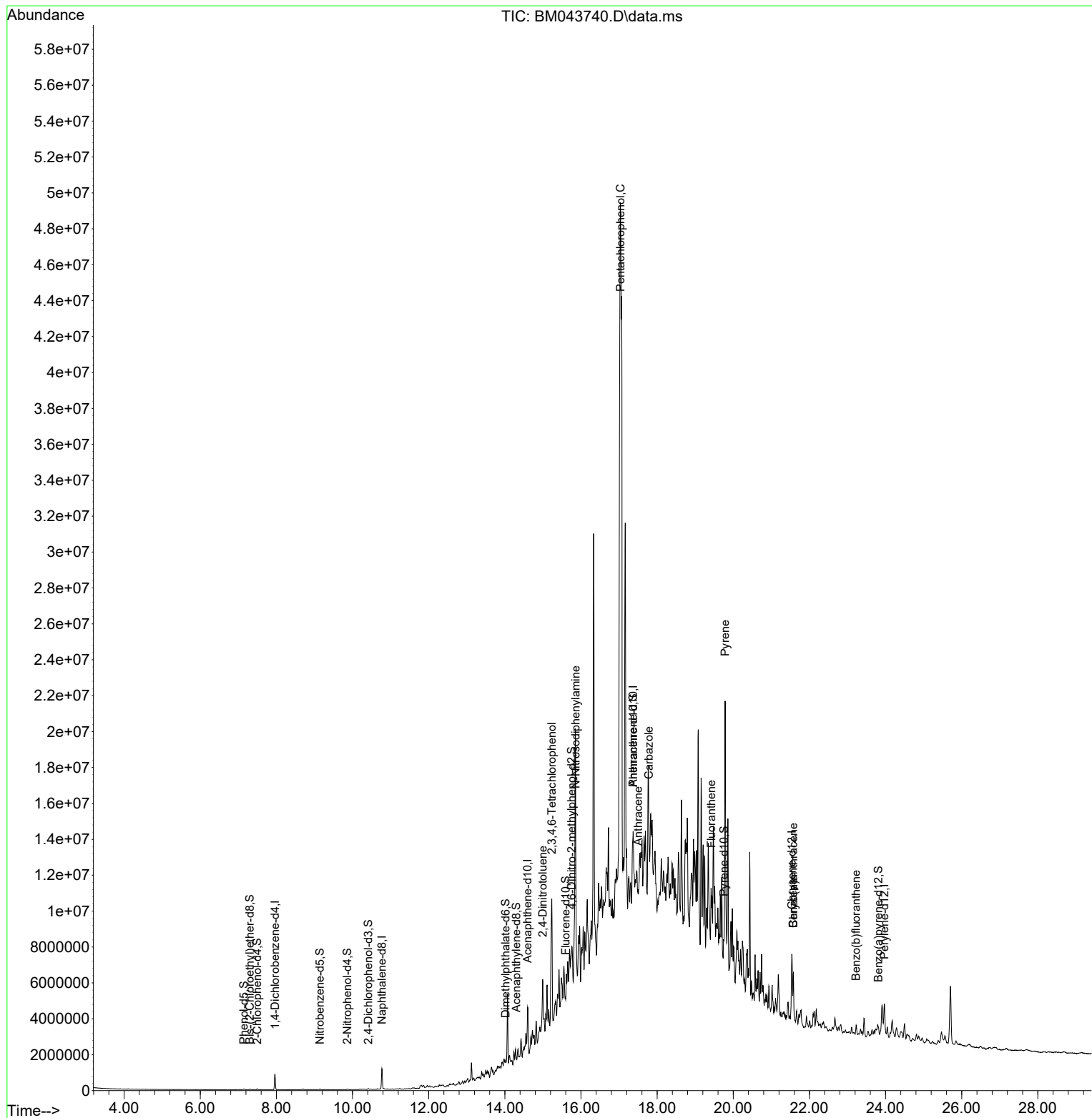
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	246359	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	998947	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	684268	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1430191	20.000	ng/ul	0.03
79) Chrysene-d12	21.539	240	1298296	20.000	ng/ul	0.02
88) Perylene-d12	23.968	264	1336554	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	2016	0.266	ng/uL	0.00
4) Pyridine-d5	3.775	84	1470	0.067	ng/ul	-0.01
7) Phenol-d5	7.146	99	29798	1.063	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.304	67	18761	1.057	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	25882	1.210	ng/ul	0.00
15) 4-Methylphenol-d8	8.693	113	21102	0.970	ng/ul	0.02
21) Nitrobenzene-d5	9.140	128	11244	1.163	ng/ul	0.01
24) 2-Nitrophenol-d4	9.863	143	12832	1.285	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.410	165	22200	1.259	ng/ul	0.03
31) 4-Chloroaniline-d4	10.928	131	3290	0.127	ng/ul	0.02
46) Dimethylphthalate-d6	14.022	166	85894	1.394	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	116174	1.590	ng/ul	0.01
54) 4-Nitrophenol-d4	14.816	143	3300	0.283	ng/ul	0.02
60) Fluorene-d10	15.598	176	102247	2.007	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.751	200	14097	1.490	ng/ul	0.04
73) Anthracene-d10	17.368	188	1430191	17.831	ng/ul	-0.07
81) Pyrene-d10	19.757	212	169612	1.655	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.809	264	111675	1.354	ng/ul	0.04
Target Compounds						
					Qvalue	
57) 2,4-Dinitrotoluene	14.998	165	35806	2.155	ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	15.233	232	969637	80.427	ng/ul#	91
67) N-Nitrosodiphenylamine	15.863	169	1382286	25.163	ng/ul#	35
71) Pentachlorophenol	17.039	266	21130358	1800.552	ng/ul	98
74) Anthracene	17.498	178	194438	1.988	ng/ul#	50
77) Carbazole	17.780	167	128891	1.544	ng/ul#	1
80) Fluoranthene	19.421	202	1383683	10.901	ng/ul	96
82) Pyrene	19.786	202	7129903	54.639	ng/ul#	93
85) Benzo(a)anthracene	21.580	228	1849704	17.038	ng/ul	94
87) Chrysene	21.580	228	1845832	18.899	ng/ul	98
90) Benzo(b)fluoranthene	23.227	252	139353	1.361	ng/ul#	81

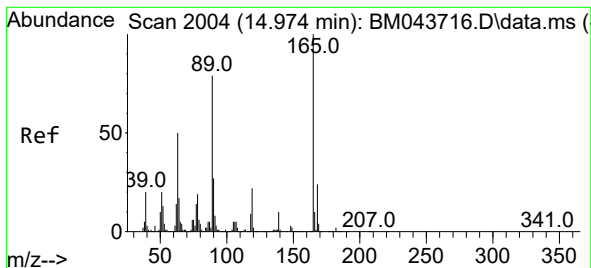
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 2.155 ng/ul

RT: 14.998 min Scan# 2008

Delta R.T. 0.029 min

Lab File: BM043740.D

Acq: 03 Jan 2024 19:20

Instrument :

BNA_M

ClientSampleId :

GCF97DL

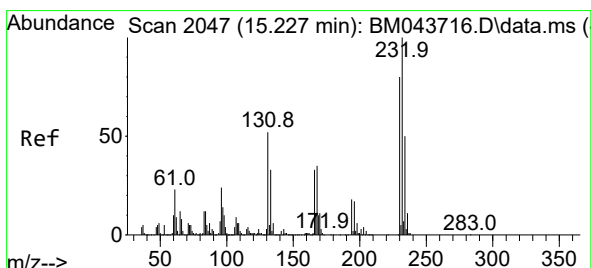
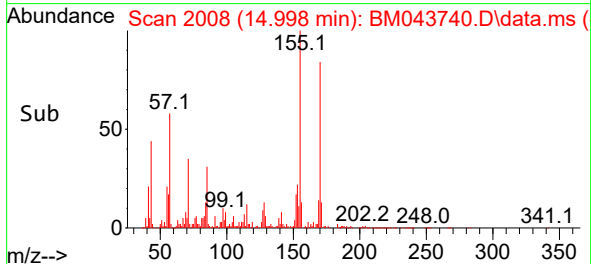
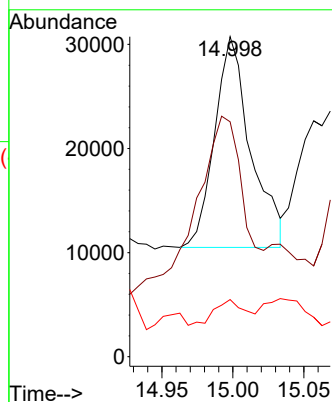
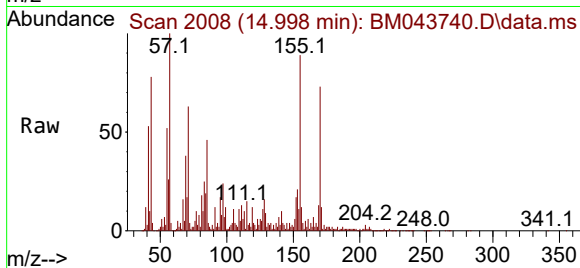
Tgt Ion:165 Resp: 35806

Ion Ratio Lower Upper

165 100

63 73.4 43.2 64.8#

182 17.8 2.3 3.5#



#58

2,3,4,6-Tetrachlorophenol

Concen: 80.427 ng/ul

RT: 15.233 min Scan# 2048

Delta R.T. 0.018 min

Lab File: BM043740.D

Acq: 03 Jan 2024 19:20

Tgt Ion:232 Resp: 969637

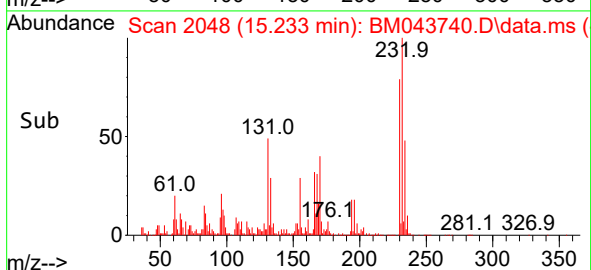
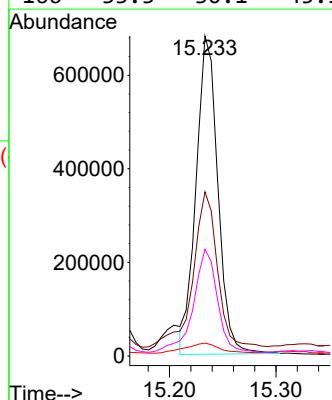
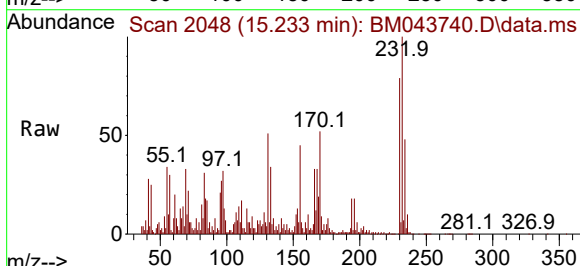
Ion Ratio Lower Upper

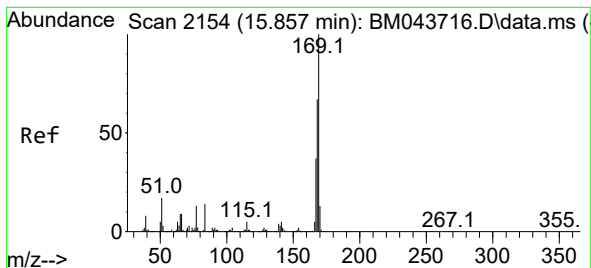
232 100

131 51.3 47.4 71.0

130 4.0 2.4 3.6#

166 33.3 30.1 45.1

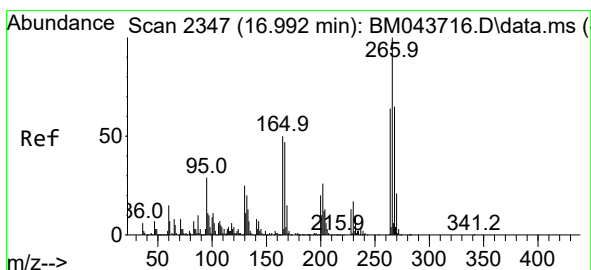
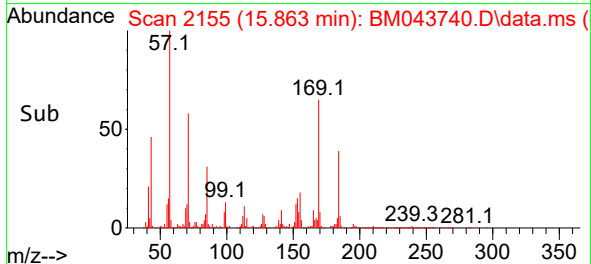
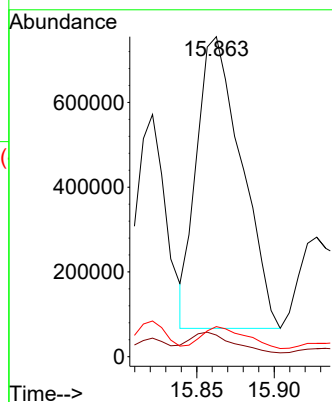
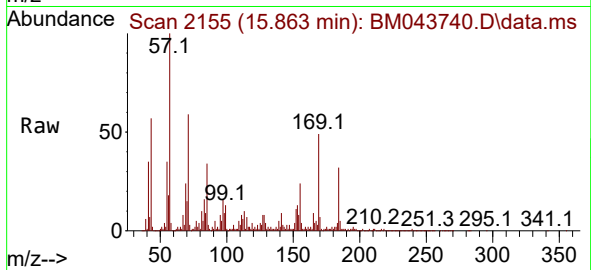




#67
N-Nitrosodiphenylamine
Concen: 25.163 ng/ul
RT: 15.863 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BM043740.D
Acq: 03 Jan 2024 19:20

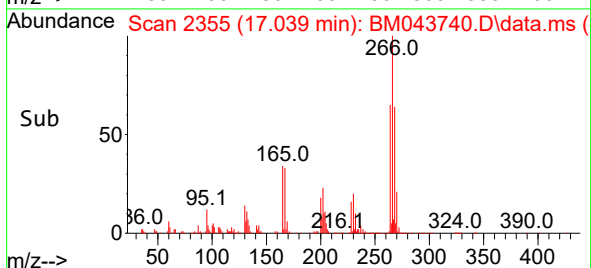
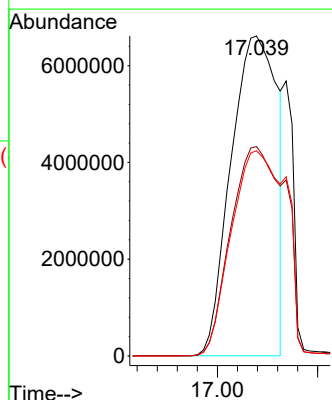
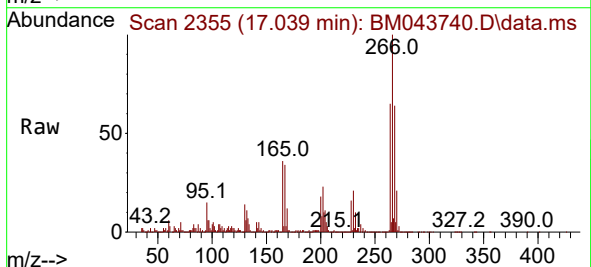
Instrument :
BNA_M
ClientSampleId :
GCF97DL

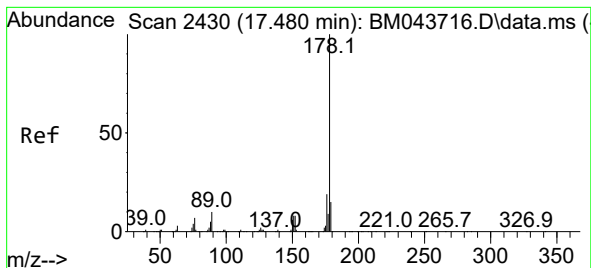
Tgt Ion:169 Resp: 1382286
Ion Ratio Lower Upper
169 100
168 6.8 54.1 81.1#
167 9.4 29.8 44.8#



#71
Pentachlorophenol
Concen: 1800.552 ng/ul
RT: 17.039 min Scan# 2355
Delta R.T. 0.059 min
Lab File: BM043740.D
Acq: 03 Jan 2024 19:20

Tgt Ion:266 Resp:21130358
Ion Ratio Lower Upper
266 100
264 65.4 49.9 74.9
268 64.1 51.0 76.6





#74

Anthracene

Concen: 1.988 ng/ul

RT: 17.498 min Scan# 2430

Delta R.T. 0.023 min

Lab File: BM043740.D

Acq: 03 Jan 2024 19:20

Instrument :

BNA_M

ClientSampleId :

GCF97DL

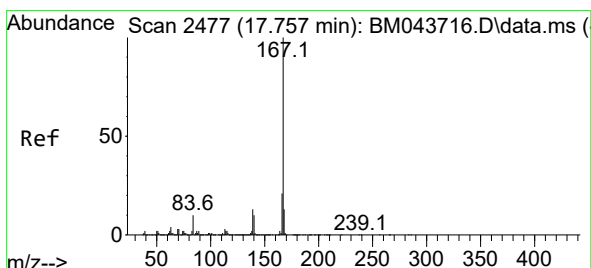
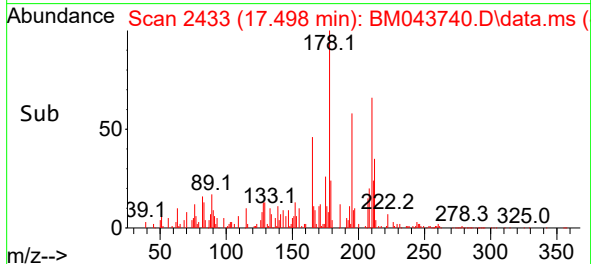
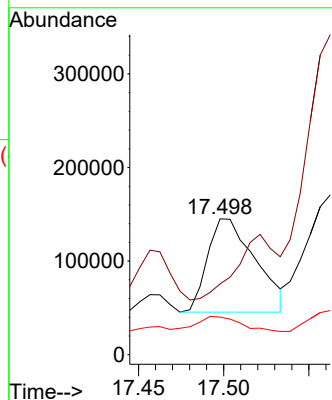
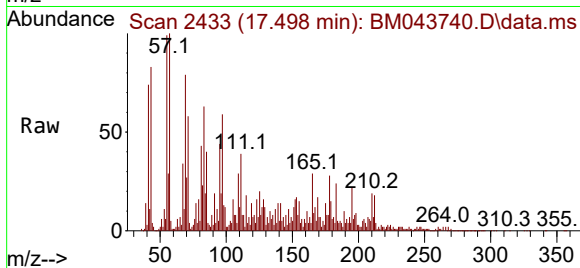
Tgt Ion:178 Resp: 194438

Ion Ratio Lower Upper

178 100

179 52.1 12.4 18.6#

176 27.7 15.2 22.8#



#77

Carbazole

Concen: 1.544 ng/ul

RT: 17.780 min Scan# 2481

Delta R.T. 0.035 min

Lab File: BM043740.D

Acq: 03 Jan 2024 19:20

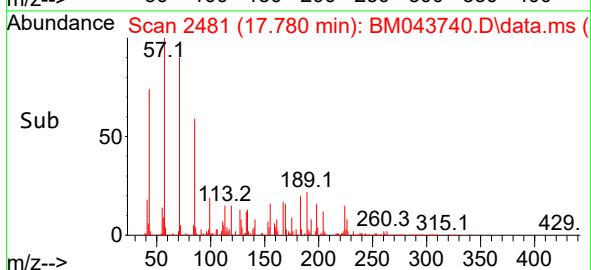
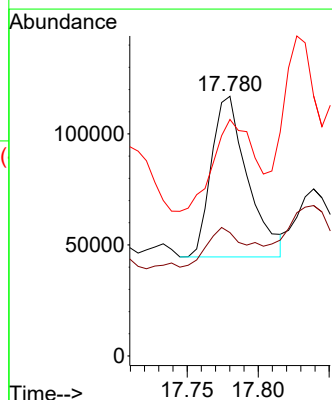
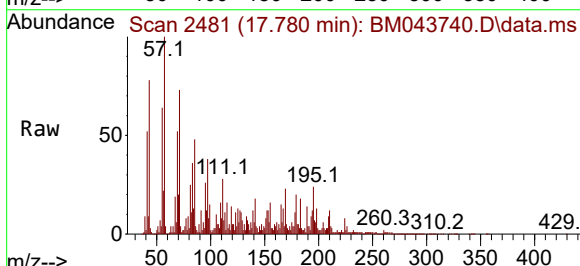
Tgt Ion:167 Resp: 128891

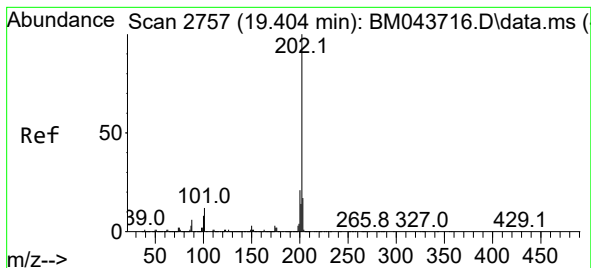
Ion Ratio Lower Upper

167 100

166 47.5 17.3 25.9#

139 91.0 10.7 16.1#





#80

Fluoranthene

Concen: 10.901 ng/ul

RT: 19.421 min Scan# 21

Delta R.T. 0.029 min

Lab File: BM043740.D

Acq: 03 Jan 2024 19:20

Instrument :

BNA_M

ClientSampleId :

GCF97DL

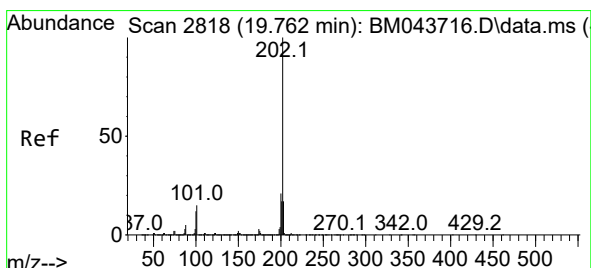
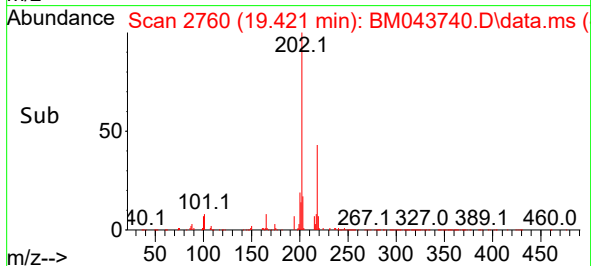
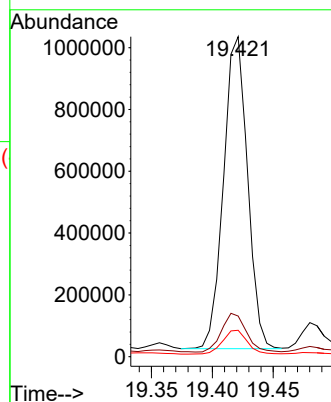
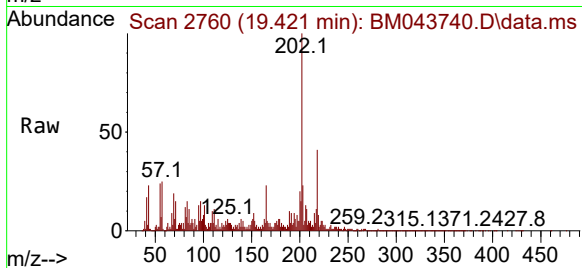
Tgt Ion:202 Resp: 1383683

Ion Ratio Lower Upper

202 100

101 12.7 11.4 17.0

100 8.3 8.2 12.4



#82

Pyrene

Concen: 54.639 ng/ul

RT: 19.786 min Scan# 2822

Delta R.T. 0.029 min

Lab File: BM043740.D

Acq: 03 Jan 2024 19:20

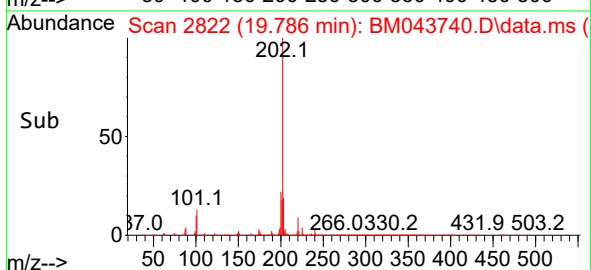
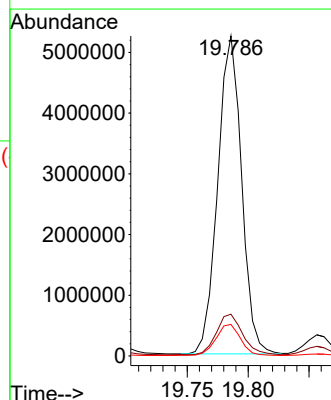
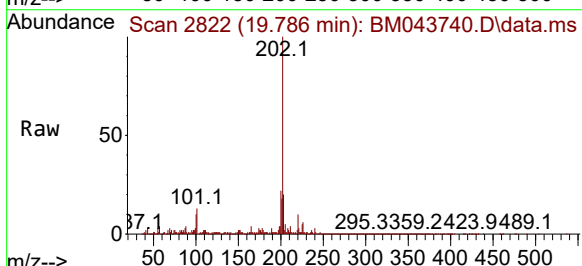
Tgt Ion:202 Resp: 7129903

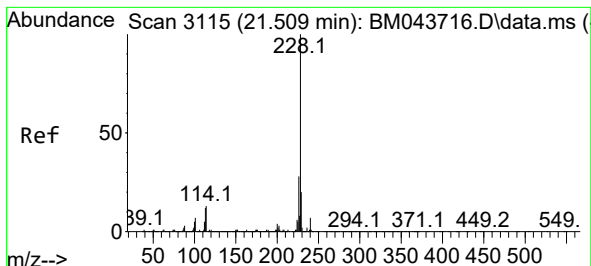
Ion Ratio Lower Upper

202 100

101 13.0 12.7 19.1

100 9.9 10.1 15.1#





#85

Benzo(a)anthracene

Concen: 17.038 ng/ul

RT: 21.580 min Scan# 3115

Delta R.T. 0.076 min

Lab File: BM043740.D

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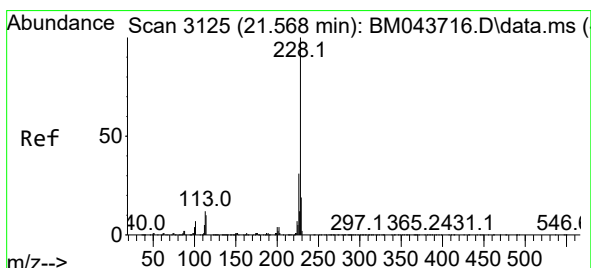
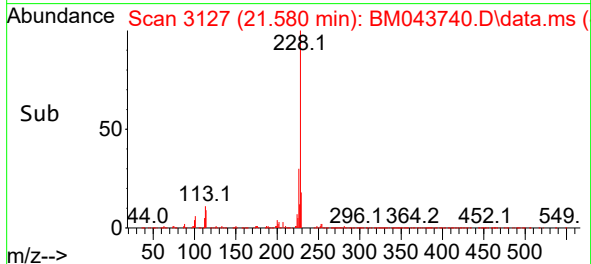
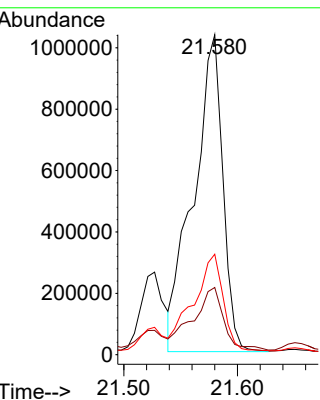
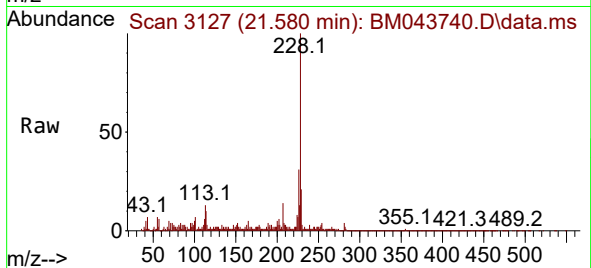
Tgt Ion:228 Resp: 1849704

Ion Ratio Lower Upper

228 100

229 21.0 15.6 23.4

226 31.4 22.2 33.2



#87

Chrysene

Concen: 18.899 ng/ul

RT: 21.580 min Scan# 3127

Delta R.T. 0.023 min

Lab File: BM043740.D

Acq: 03 Jan 2024 19:20

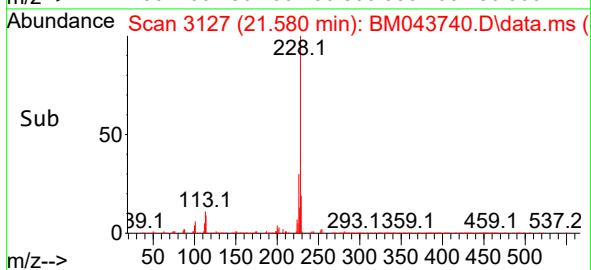
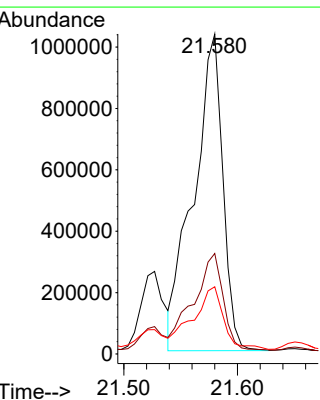
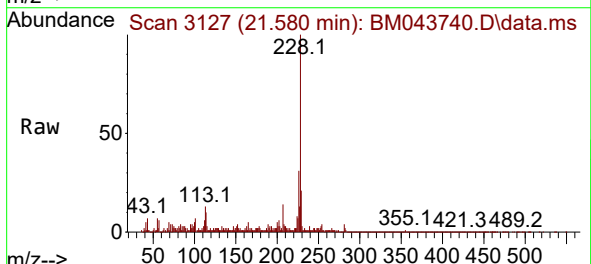
Tgt Ion:228 Resp: 1845832

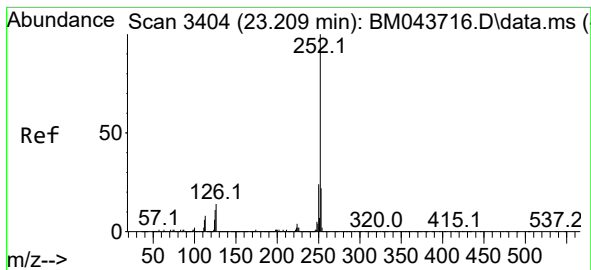
Ion Ratio Lower Upper

228 100

226 31.4 24.2 36.2

229 21.0 15.9 23.9





#90

Benzo(b)fluoranthene

Concen: 1.361 ng/ul

RT: 23.227 min Scan# 34

Delta R.T. 0.029 min

Lab File: BM043740.D

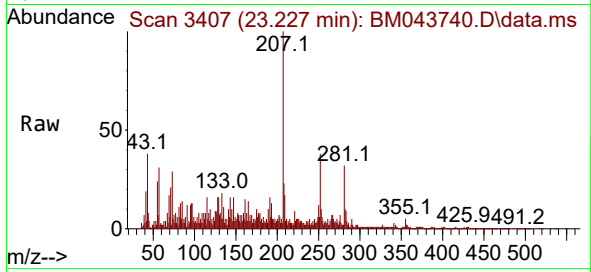
Acq: 03 Jan 2024 19:20

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Tgt Ion:252 Resp: 139353

Ion Ratio Lower Upper

252 100

253 27.6 17.4 26.2#

125 24.6 10.4 15.6#

