

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043726.D
 Acq On : 03 Jan 2024 10:54
 Operator : MA/JU
 Sample : 05952-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF99

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 03 23:51:39 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	224471	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	970823	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.604	164	581284	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.362	188	1169046	20.000	ng/u1	0.02
79) Chrysene-d12	21.545	240	999522	20.000	ng/u1	0.02
88) Perylene-d12	23.980	264	1101683	20.000	ng/u1	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	10135	1.467	ng/uL	0.00
4) Pyridine-d5	3.828	84	52921m	2.662	ng/u1	0.04
7) Phenol-d5	7.146	99	343237	13.442	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.304	67	247109	15.280	ng/u1	0.00
11) 2-Chlorophenol-d4	7.498	132	292690	15.012	ng/u1	0.01
15) 4-Methylphenol-d8	8.692	113	282777	14.271	ng/u1	0.02
21) Nitrobenzene-d5	9.139	128	161092	17.150	ng/u1	0.01
24) 2-Nitrophenol-d4	9.857	143	144432	14.882	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	269821	15.749	ng/u1	0.02
31) 4-Chloroaniline-d4	10.933	131	15848	0.629	ng/u1	0.02
46) Dimethylphthalate-d6	14.022	166	806650	15.415	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	1146338	18.467	ng/u1	0.01
54) 4-Nitrophenol-d4	14.845	143	97871m	9.882	ng/u1	0.05
60) Fluorene-d10	15.598	176	807819	18.669	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.727	200	56746	7.339	ng/u1	0.02
73) Anthracene-d10	17.462	188	1236089	18.853	ng/u1	0.02
81) Pyrene-d10	19.756	212	1296771	16.433	ng/u1	0.03
92) Benzo(a)pyrene-d12	23.821	264	1176715	17.309	ng/u1	0.05
Target Compounds					Qvalue	
50) Acenaphthylene	14.327	152	155232	2.178	ng/u1#	92
58) 2,3,4,6-Tetrachlorophenol	15.233	232	618084	60.350	ng/u1	94
71) Pentachlorophenol	17.039	266	18784500m	1958.218	ng/u1	
72) Phenanthrene	17.404	178	407881	5.148	ng/u1#	83
74) Anthracene	17.498	178	1358782	16.992	ng/u1	96
77) Carbazole	17.774	167	330048	4.836	ng/u1#	62
82) Pyrene	19.786	202	518294	5.159	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	322759	5.220	ng/u1#	82
87) Chrysene	21.556	228	338118m	4.497	ng/u1	

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

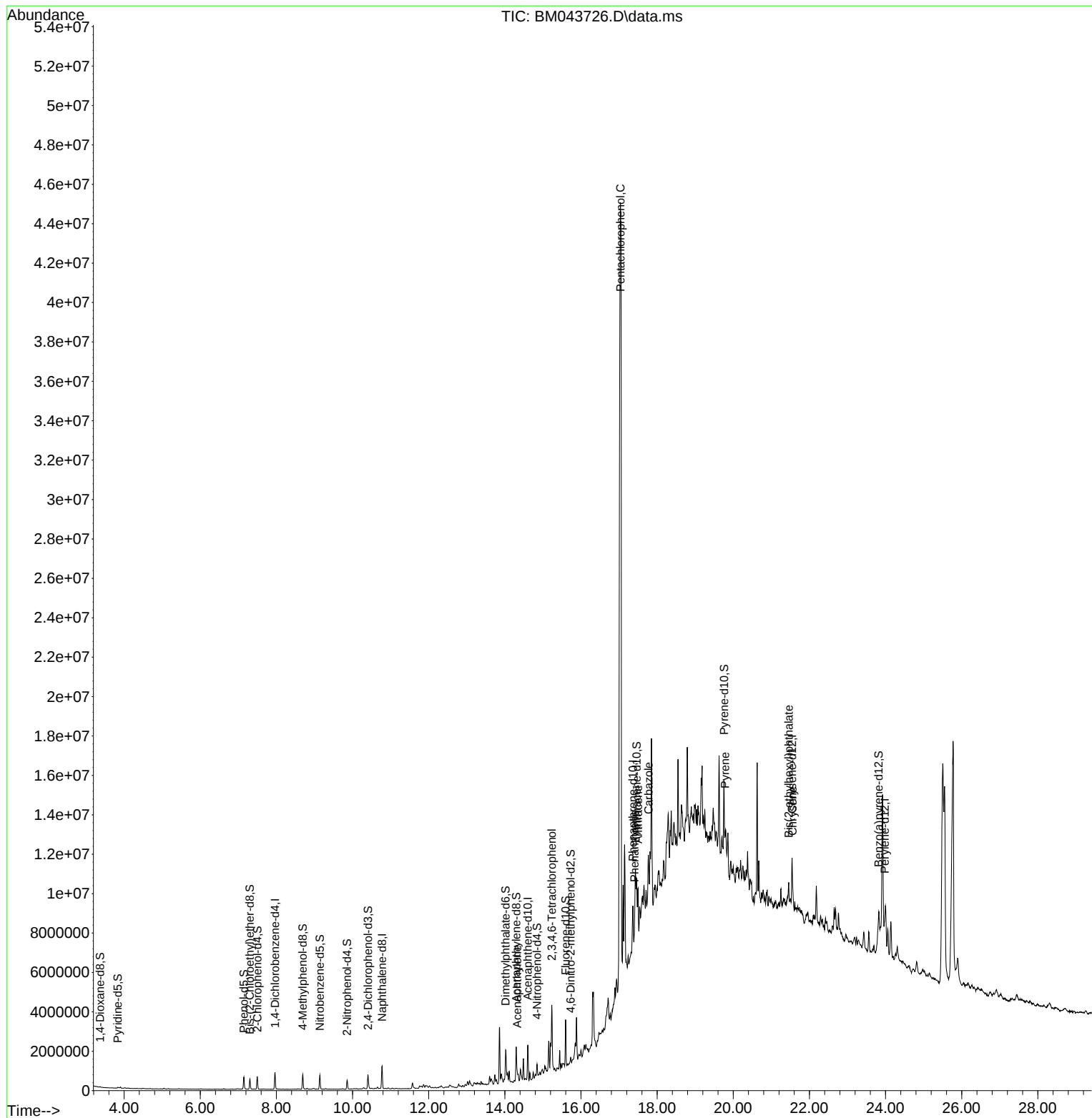
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043726.D
Acq On : 03 Jan 2024 10:54
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ALS Vial : 40 Sample Multiplier: 1

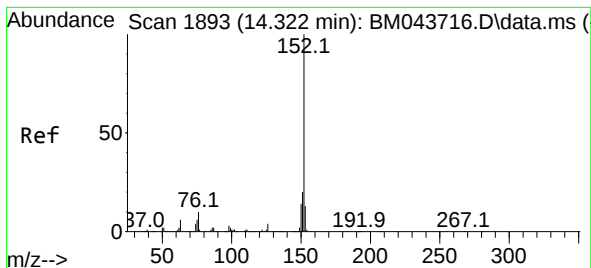
Instrument :
BNA_M
ClientSampleId :
GCF99

Quant Time: Jan 03 23:51:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
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#50

Acenaphthylene

Concen: 2.178 ng/ul

RT: 14.327 min Scan# 1893

Delta R.T. 0.012 min

Lab File: BM043726.D

Acq: 03 Jan 2024 10:54

Instrument :

BNA_M

ClientSampleId :

GCF99

Tgt Ion:152 Resp: 15523

Ion Ratio Lower Upper

152 100

151 22.1 15.6 23.4

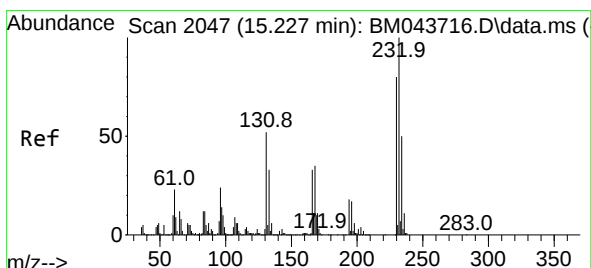
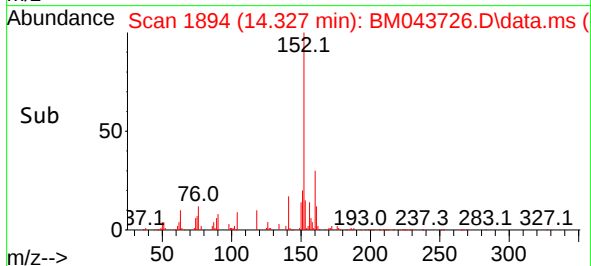
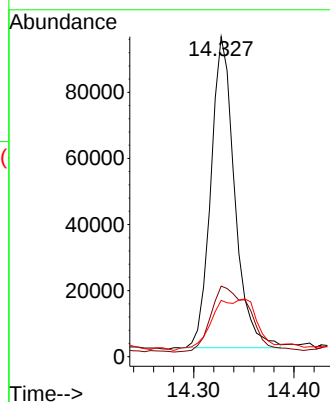
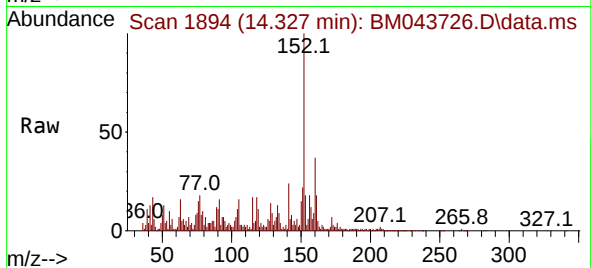
153 17.6 10.2 15.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 60.350 ng/ul

RT: 15.233 min Scan# 2048

Delta R.T. 0.018 min

Lab File: BM043726.D

Acq: 03 Jan 2024 10:54

Tgt Ion:232 Resp: 618084

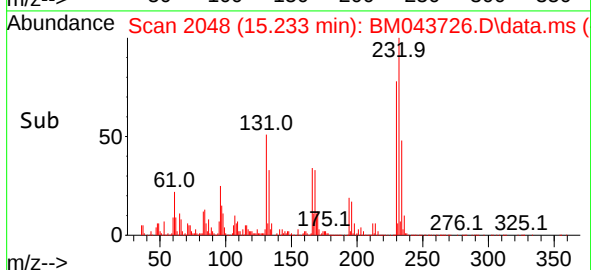
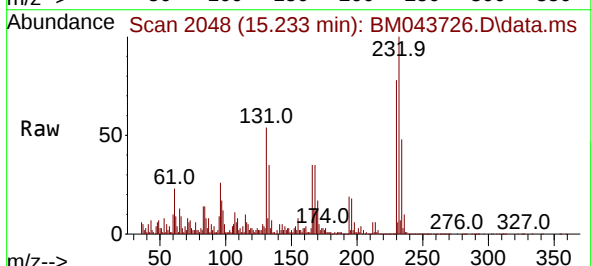
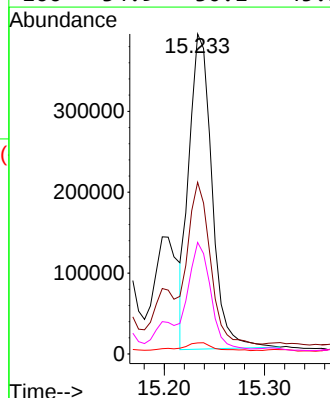
Ion Ratio Lower Upper

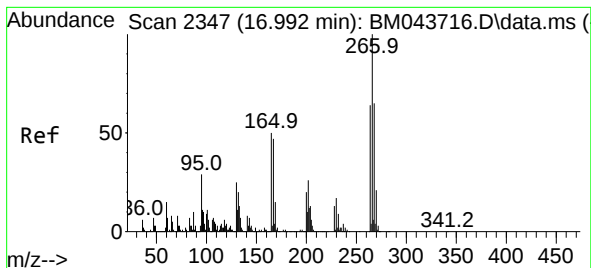
232 100

131 53.7 47.4 71.0

130 3.5 2.4 3.6

166 34.9 30.1 45.1





#71

Pentachlorophenol

Concen: 1958.218 ng/ul m

RT: 17.039 min Scan# 21

Delta R.T. 0.059 min

Lab File: BM043726.D

Acq: 03 Jan 2024 10:54

Instrument :

BNA_M

ClientSampleId :

GCF99

Tgt Ion:266 Resp:18784500

Ion Ratio Lower Upper

266 100

264 65.3 49.9 74.9

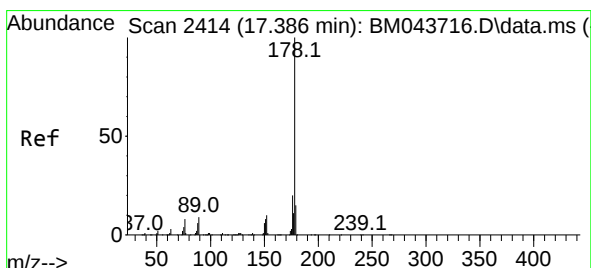
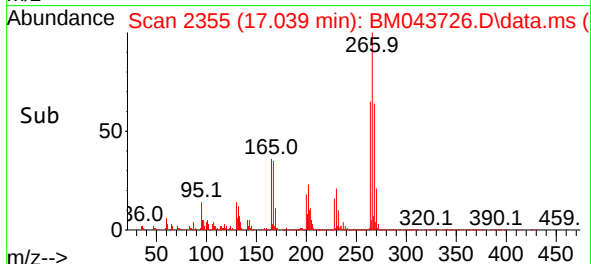
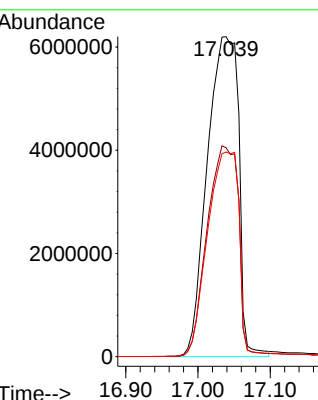
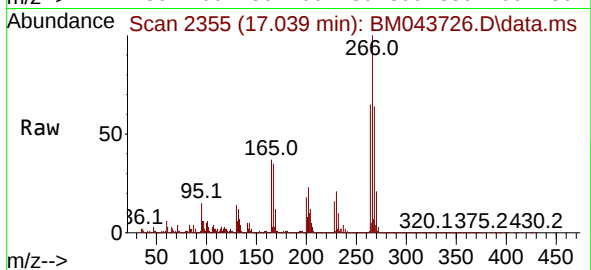
268 64.0 51.0 76.6

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#72

Phenanthrene

Concen: 5.148 ng/ul

RT: 17.404 min Scan# 2417

Delta R.T. 0.023 min

Lab File: BM043726.D

Acq: 03 Jan 2024 10:54

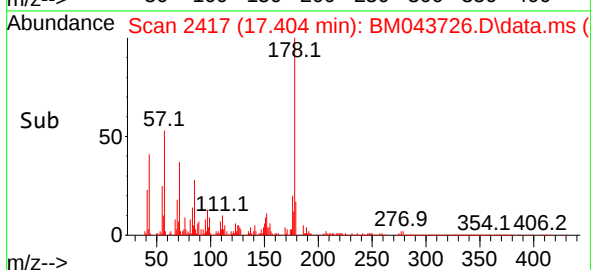
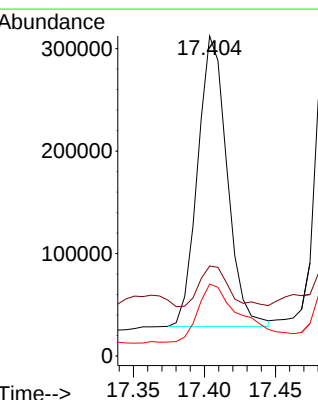
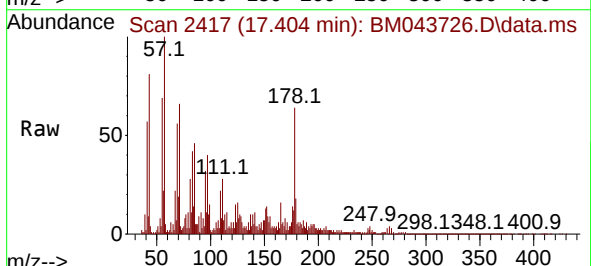
Tgt Ion:178 Resp: 407881

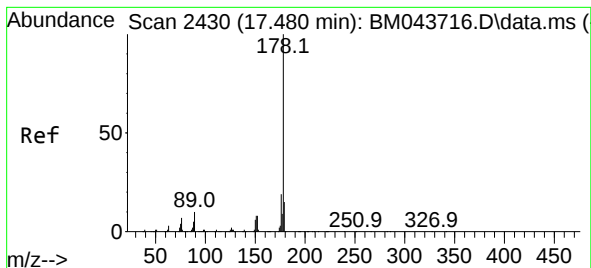
Ion Ratio Lower Upper

178 100

179 28.1 12.2 18.4#

176 22.5 15.5 23.3





#74

Anthracene

Concen: 16.992 ng/ul

RT: 17.498 min Scan# 2430

Delta R.T. 0.023 min

Lab File: BM043726.D

Acq: 03 Jan 2024 10:54

Instrument :

BNA_M

ClientSampleId :

GCF99

Tgt Ion:178 Resp: 135878

Ion Ratio Lower Upper

178 100

179 18.4 12.4 18.6

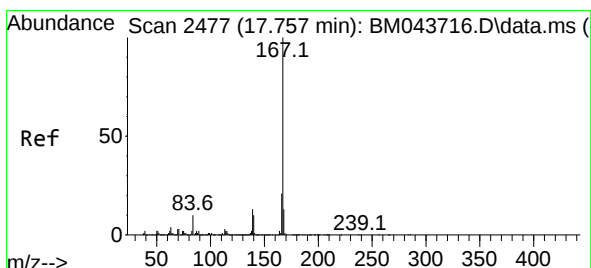
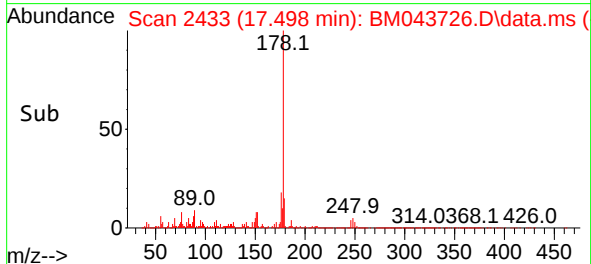
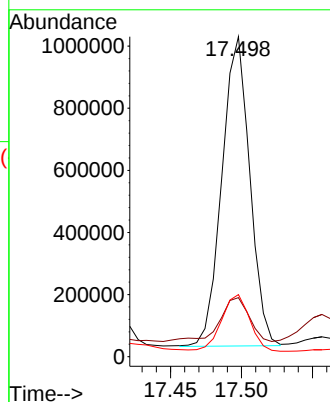
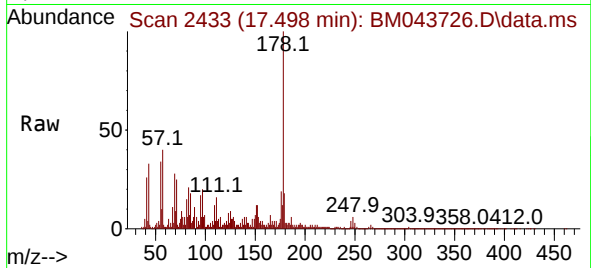
176 19.4 15.2 22.8

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#77

Carbazole

Concen: 4.836 ng/ul

RT: 17.774 min Scan# 2480

Delta R.T. 0.029 min

Lab File: BM043726.D

Acq: 03 Jan 2024 10:54

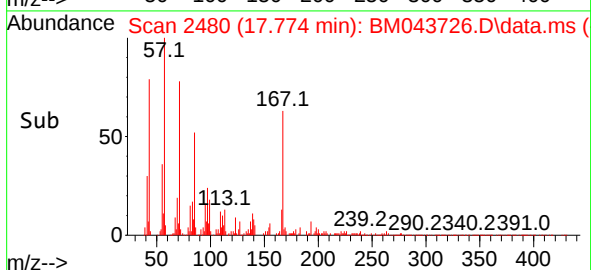
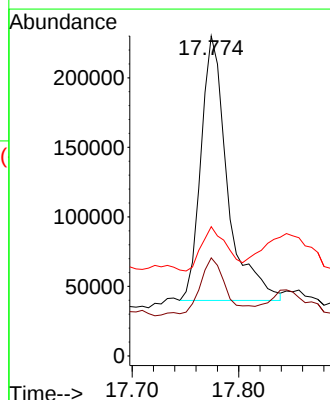
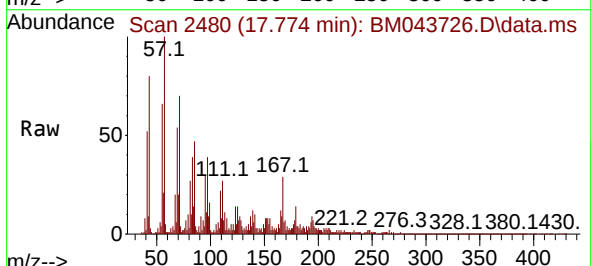
Tgt Ion:167 Resp: 330048

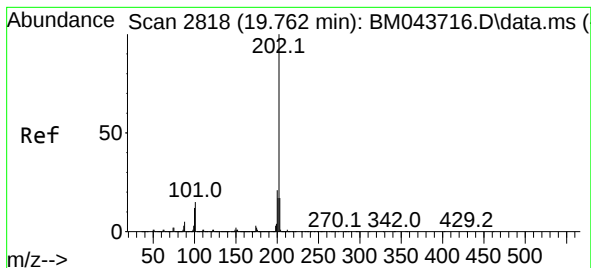
Ion Ratio Lower Upper

167 100

166 30.7 17.3 25.9#

139 40.4 10.7 16.1#





#82

Pyrene

Concen: 5.159 ng/ul

RT: 19.786 min Scan# 21

Delta R.T. 0.029 min

Lab File: BM043726.D

Acq: 03 Jan 2024 10:54

Instrument :

BNA_M

ClientSampleId :

GCF99

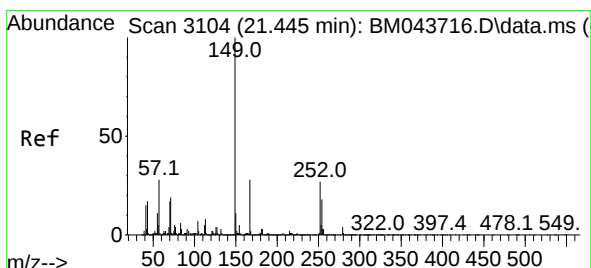
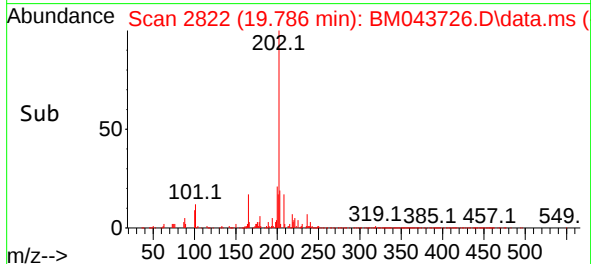
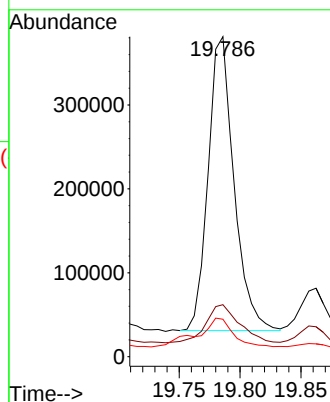
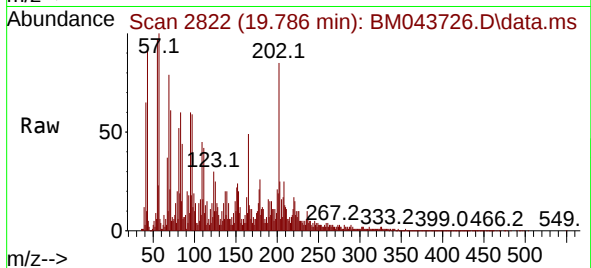
Tgt Ion:	202	Resp:	518294
Ion Ratio	Lower	Upper	
202	100		
101	16.2	12.7	19.1
100	11.7	10.1	15.1

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#86

Bis(2-ethylhexyl)phthalate

Concen: 5.220 ng/ul

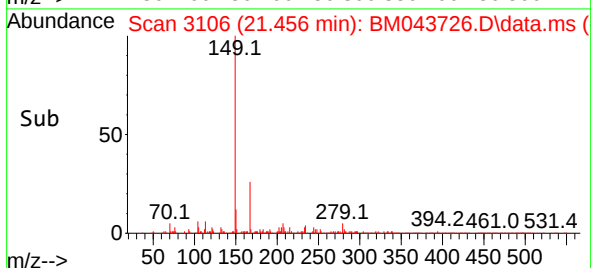
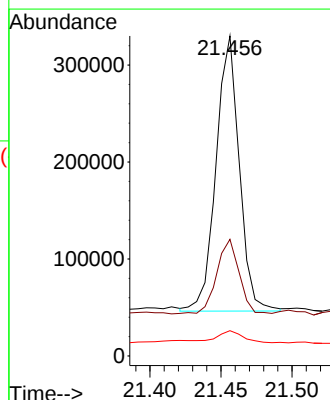
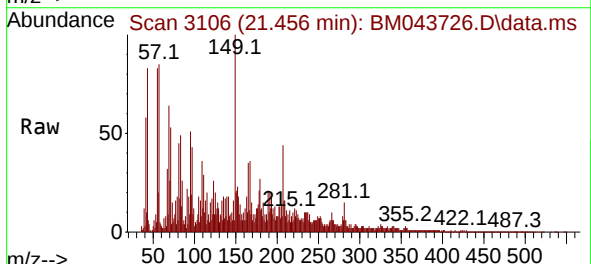
RT: 21.456 min Scan# 3106

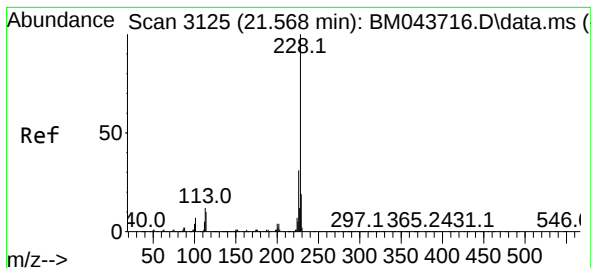
Delta R.T. 0.012 min

Lab File: BM043726.D

Acq: 03 Jan 2024 10:54

Tgt Ion:	149	Resp:	322759
Ion Ratio	Lower	Upper	
149	100		
167	36.4	21.6	32.4#
279	7.9	2.8	4.2#





#87

Chrysene

Concen: 4.497 ng/ul m

RT: 21.556 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM043726.D

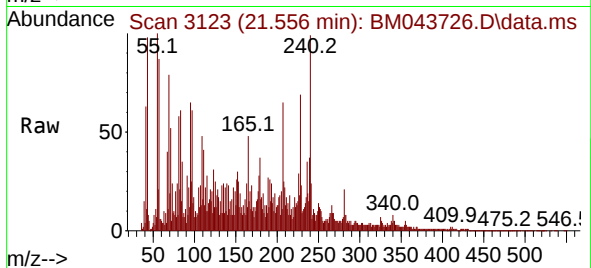
Acq: 03 Jan 2024 10:54

Instrument :

BNA_M

ClientSampleId :

GCF99



Tgt Ion:228 Resp: 338118

Ion Ratio Lower Upper

228 100

226 41.7 24.2 36.2

229 33.5 15.9 23.9

Manual Integrations

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