

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
 Data File : BP023844.D
 Acq On : 01 Feb 2025 04:16
 Operator : RC/JU
 Sample : Q1224-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A6306

Quant Time: Feb 03 07:38:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 11:40:55 2025
 Response via : Initial Calibration

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

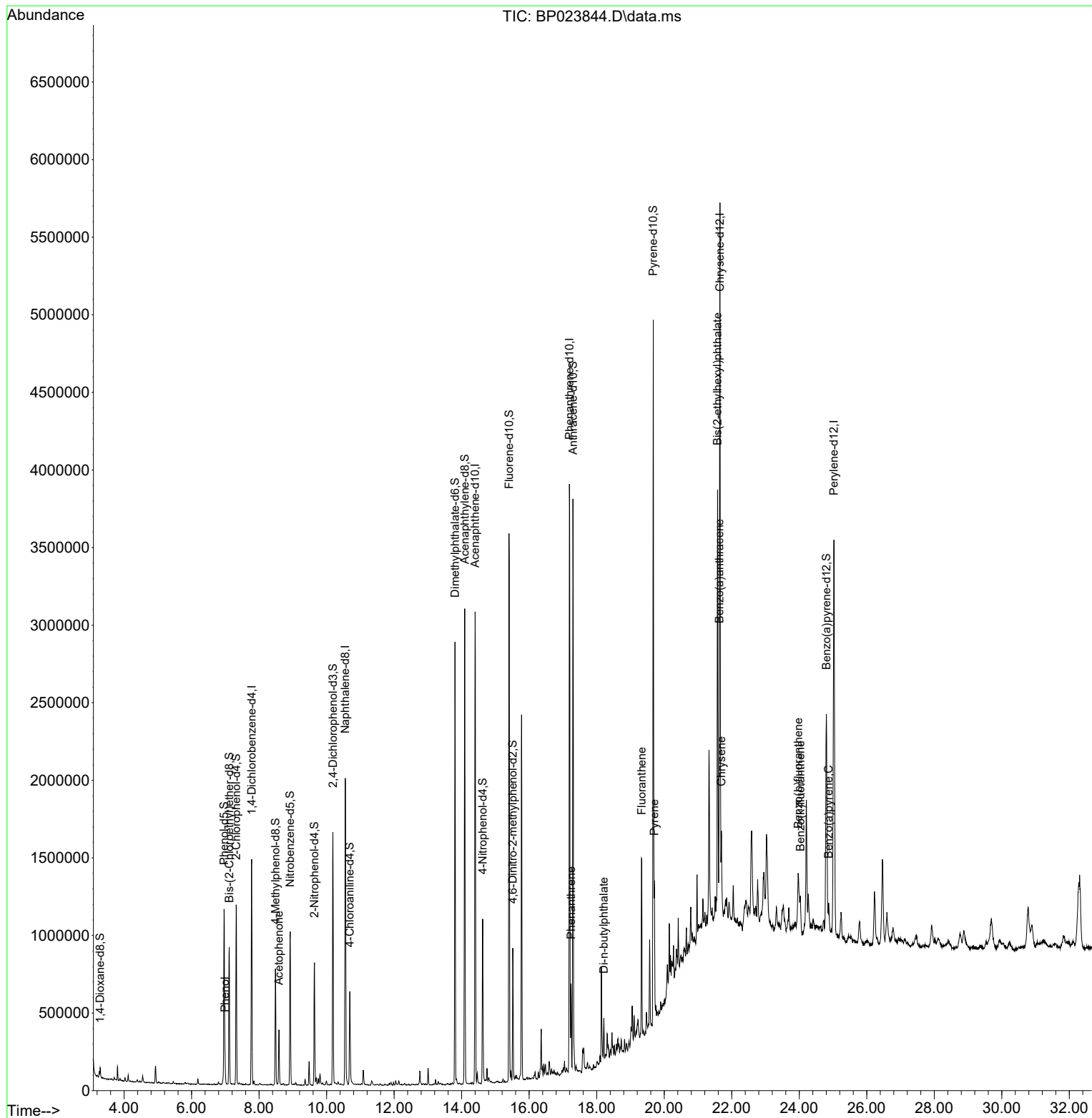
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	409253	20.000	ng/ul	0.02
20) Naphthalene-d8	10.552	136	1727347	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	1123158	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	2250547	20.000	ng/ul	-0.02
79) Chrysene-d12	21.651	240	2291828	20.000	ng/ul	0.00
88) Perylene-d12	25.027	264	2475379	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	29715	3.017	ng/uL	0.00
4) Pyridine-d5	3.705	84	620	0.022	ng/ul	0.01
7) Phenol-d5	6.964	99	683788	18.880	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	362914	18.931	ng/ul	0.02
11) 2-Chlorophenol-d4	7.322	132	557613	19.606	ng/ul	0.01
15) 4-Methylphenol-d8	8.487	113	283345	9.577	ng/ul	0.02
21) Nitrobenzene-d5	8.922	128	263658	19.078	ng/ul	0.01
24) 2-Nitrophenol-d4	9.640	143	279421	18.738	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.187	165	568439	20.779	ng/ul	0.01
31) 4-Chloroaniline-d4	10.687	131	368010	8.995	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	1805752	21.554	ng/ul	0.00
49) Acenaphthylene-d8	14.093	160	1935091	20.480	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	297539	17.884	ng/ul	0.00
60) Fluorene-d10	15.404	176	1423141	20.172	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	182894	13.173	ng/ul	-0.02
73) Anthracene-d10	17.298	188	2083946	18.859	ng/ul	-0.02
81) Pyrene-d10	19.675	212	2163749	17.620	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.804	264	1500829	11.620	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.993	94	85173	2.290	ng/ul	98
16) Acetophenone	8.587	105	196740	4.350	ng/ul	98
72) Phenanthrene	17.239	178	371145	2.920	ng/ul	100
78) Di-n-butylphthalate	18.210	149	220092	1.584	ng/ul	100
80) Fluoranthene	19.333	202	720821	5.096	ng/ul	99
82) Pyrene	19.704	202	558747	3.777	ng/ul	99
85) Benzo(a)anthracene	21.633	228	318047	2.110	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.580	149	1310808	14.104	ng/ul	99
87) Chrysene	21.692	228	338796	2.440	ng/ul	98
90) Benzo(b)fluoranthene	23.968	252	457290	3.045	ng/ul#	95
91) Benzo(k)fluoranthene	24.033	252	154458	1.026	ng/ul#	93
93) Benzo(a)pyrene	24.868	252	187864	1.339	ng/ul	95

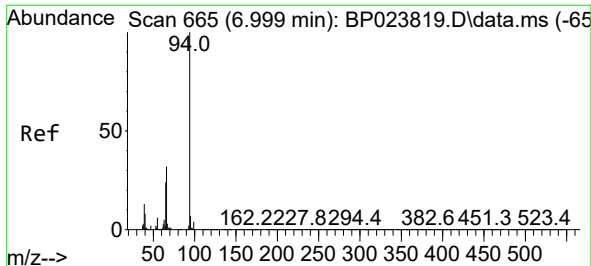
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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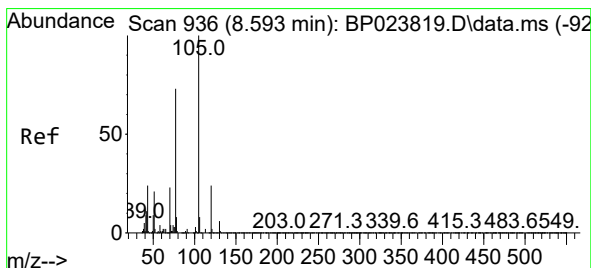
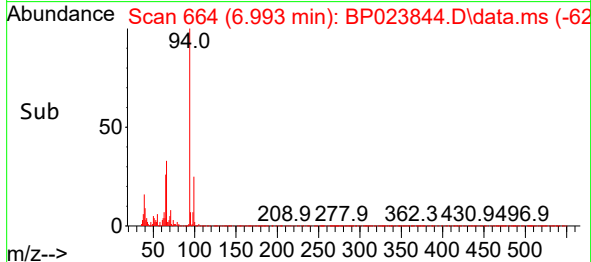
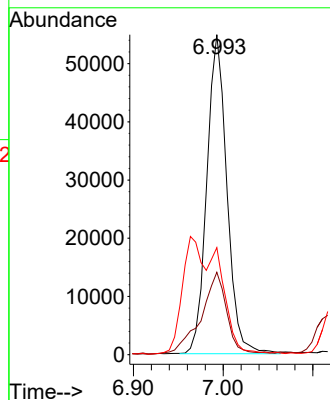
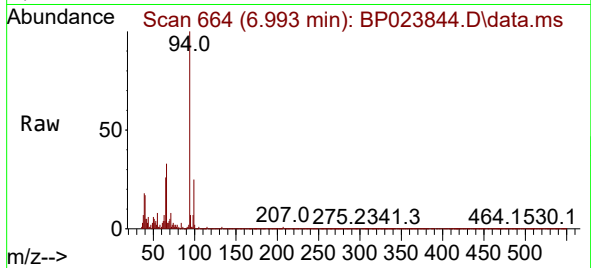




#8
Phenol
Concen: 2.290 ng/ul
RT: 6.993 min Scan# 60
Delta R.T. 0.018 min
Lab File: BP023844.D
Acq: 01 Feb 2025 04:16

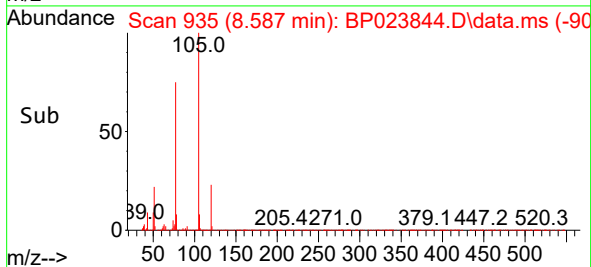
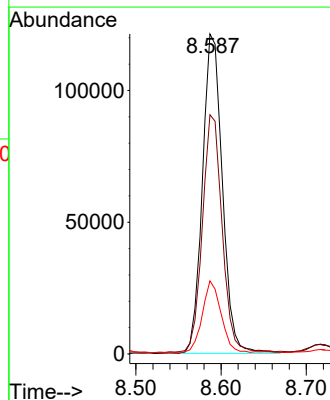
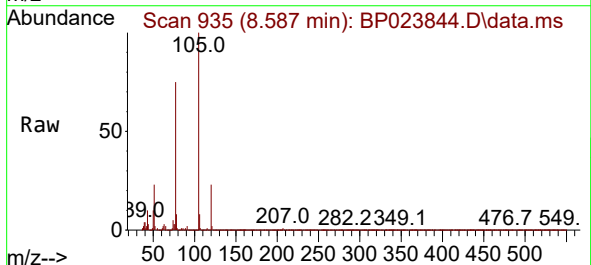
Instrument :
BNA_P
ClientSampleId :
A6306

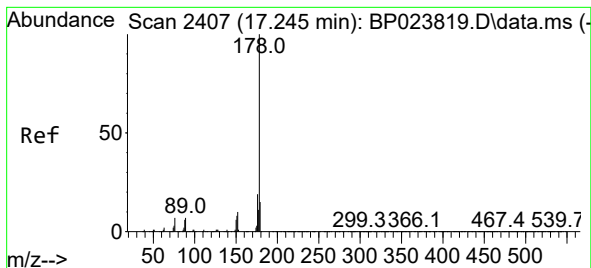
Tgt Ion: 94 Resp: 85173
Ion Ratio Lower Upper
94 100
65 25.7 20.1 30.1
66 33.5 26.0 39.0



#16
Acetophenone
Concen: 4.350 ng/ul
RT: 8.587 min Scan# 935
Delta R.T. 0.006 min
Lab File: BP023844.D
Acq: 01 Feb 2025 04:16

Tgt Ion: 105 Resp: 196740
Ion Ratio Lower Upper
105 100
77 74.7 58.6 87.8
51 22.9 16.6 24.8





#72

Phenanthrene

Concen: 2.920 ng/ul

RT: 17.239 min Scan# 2406

Delta R.T. -0.017 min

Lab File: BP023844.D

Acq: 01 Feb 2025 04:16

Instrument :

BNA_P

ClientSampleId :

A6306

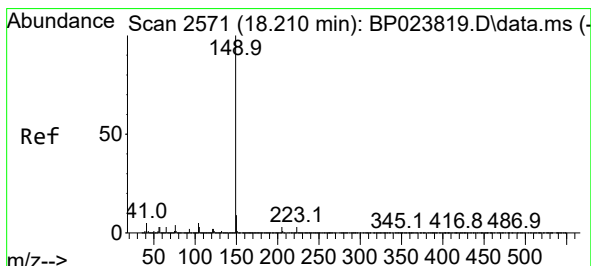
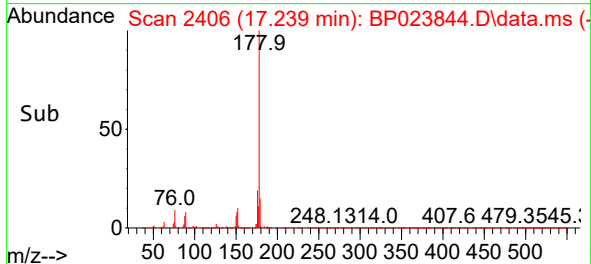
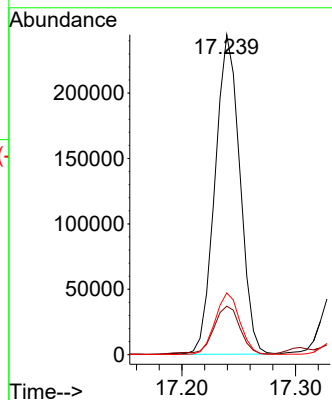
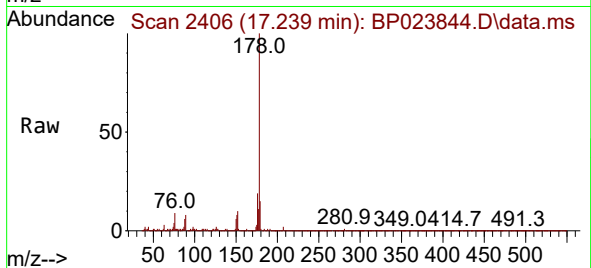
Tgt Ion:178 Resp: 371145

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 19.3 15.6 23.4



#78

Di-n-butylphthalate

Concen: 1.584 ng/ul

RT: 18.210 min Scan# 2571

Delta R.T. -0.017 min

Lab File: BP023844.D

Acq: 01 Feb 2025 04:16

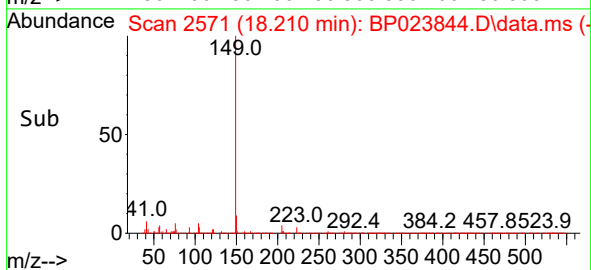
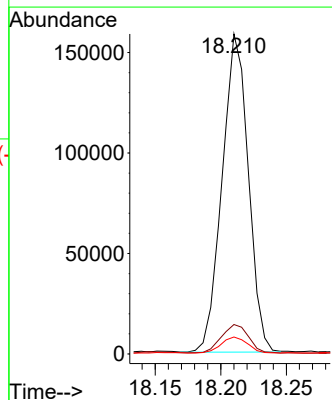
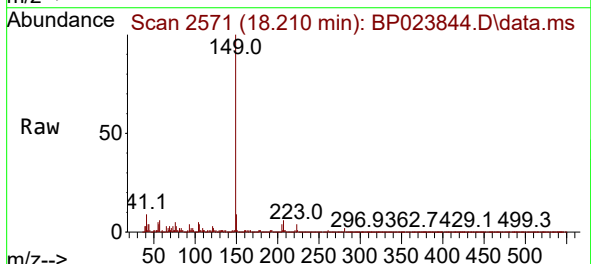
Tgt Ion:149 Resp: 220092

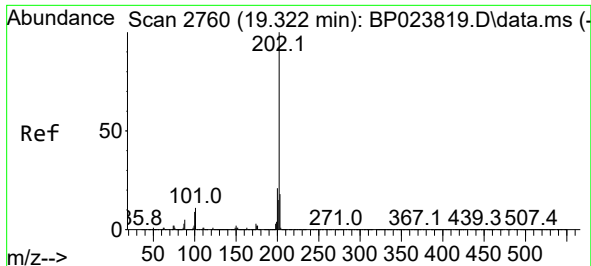
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.3 4.0 6.0

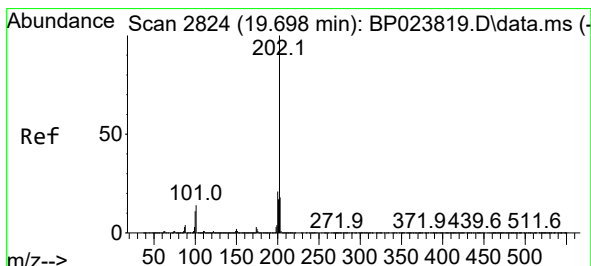
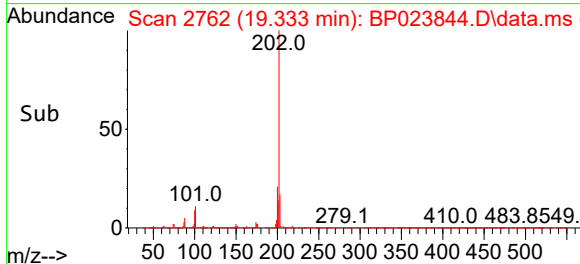
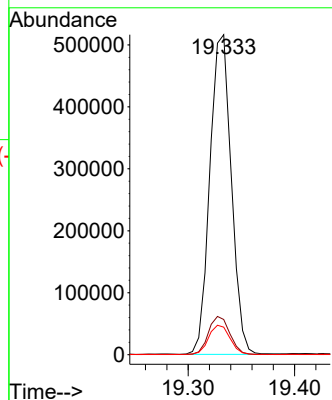
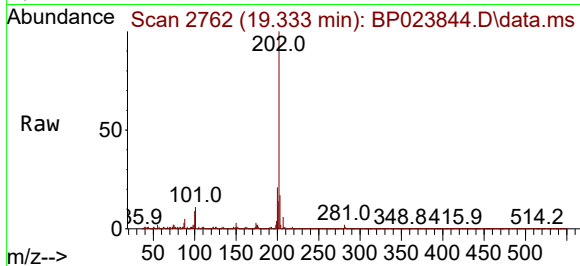




#80
 Fluoranthene
 Concen: 5.096 ng/ul
 RT: 19.333 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP023844.D
 Acq: 01 Feb 2025 04:16

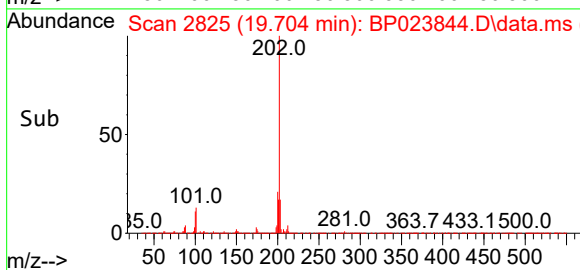
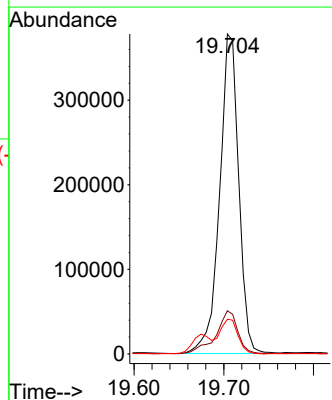
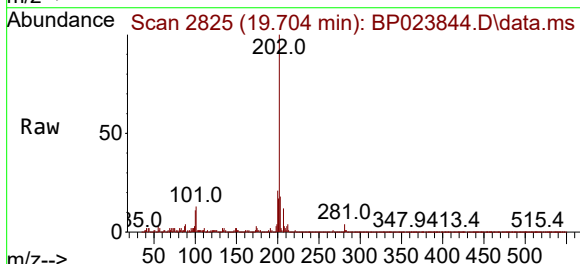
Instrument :
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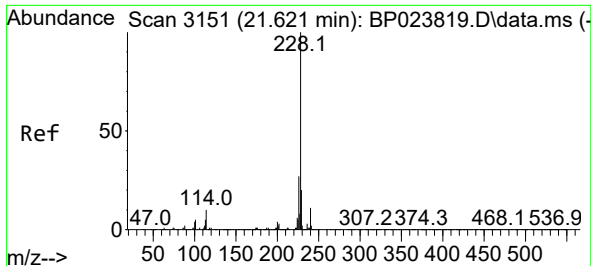
Tgt Ion:202 Resp: 720821
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.4 14.2
 100 8.6 7.0 10.6



#82
 Pyrene
 Concen: 3.777 ng/ul
 RT: 19.704 min Scan# 2825
 Delta R.T. 0.000 min
 Lab File: BP023844.D
 Acq: 01 Feb 2025 04:16

Tgt Ion:202 Resp: 558747
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.4 15.6
 100 10.8 8.6 12.8

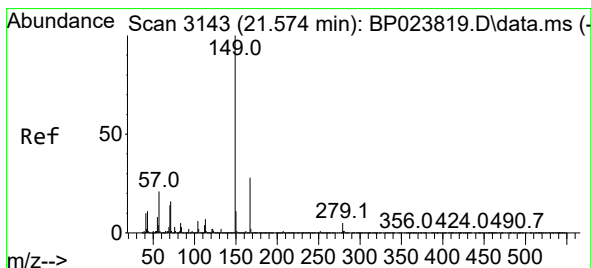
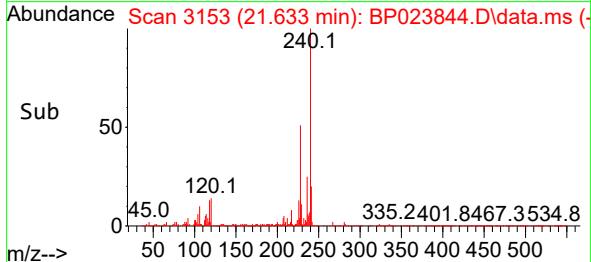
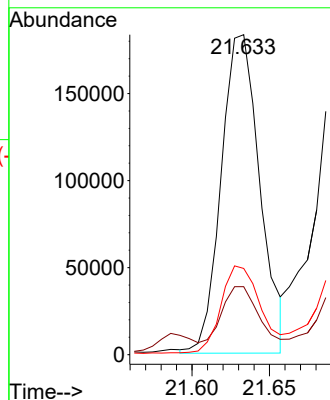
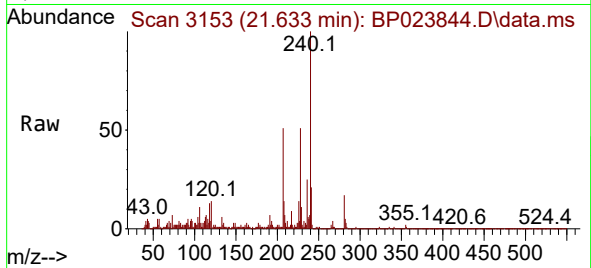




#85
Benzo(a)anthracene
Concen: 2.110 ng/ul
RT: 21.633 min Scan# 3151
Delta R.T. 0.006 min
Lab File: BP023844.D
Acq: 01 Feb 2025 04:16

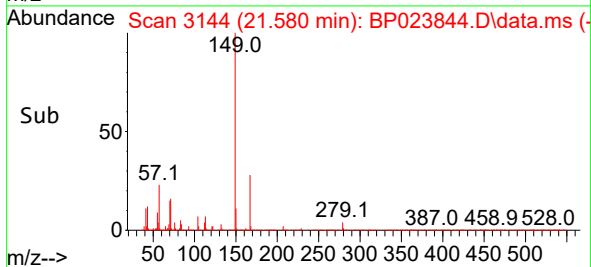
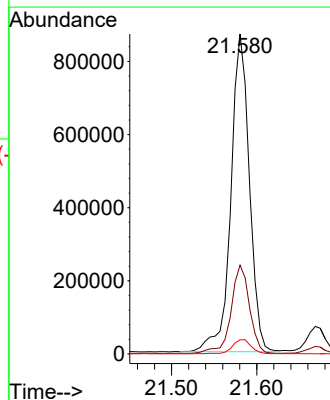
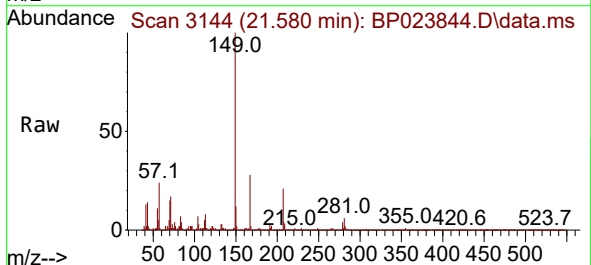
Instrument :
BNA_P
ClientSampleId :
A6306

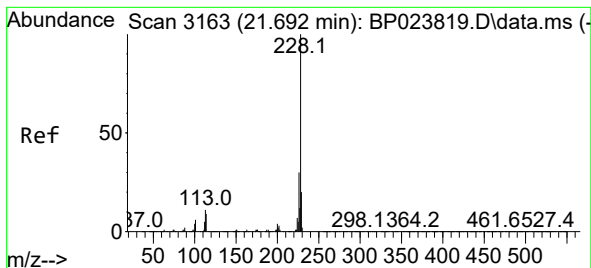
Tgt Ion:228 Resp: 318047
Ion Ratio Lower Upper
228 100
229 21.3 15.9 23.9
226 26.9 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 14.104 ng/ul
RT: 21.580 min Scan# 3144
Delta R.T. 0.006 min
Lab File: BP023844.D
Acq: 01 Feb 2025 04:16

Tgt Ion:149 Resp: 1310808
Ion Ratio Lower Upper
149 100
167 27.7 22.6 33.8
279 4.4 3.8 5.6





#87

Chrysene

Concen: 2.440 ng/ul

RT: 21.692 min Scan# 3163

Delta R.T. 0.000 min

Lab File: BP023844.D

Acq: 01 Feb 2025 04:16

Instrument :

BNA_P

ClientSampleId :

A6306

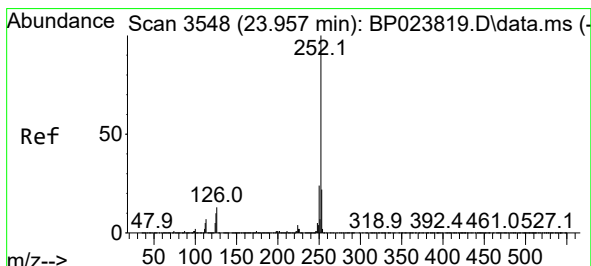
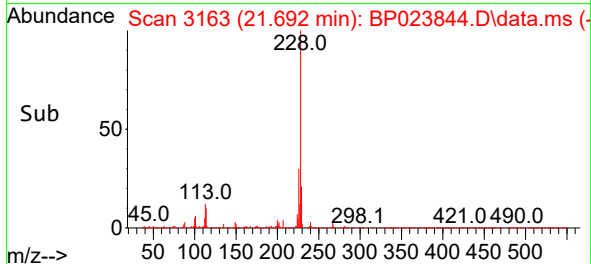
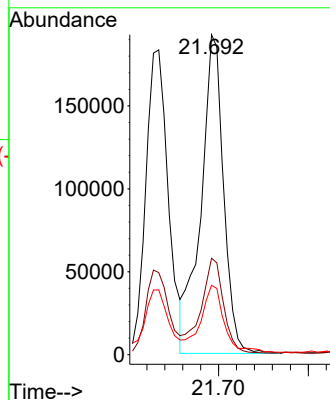
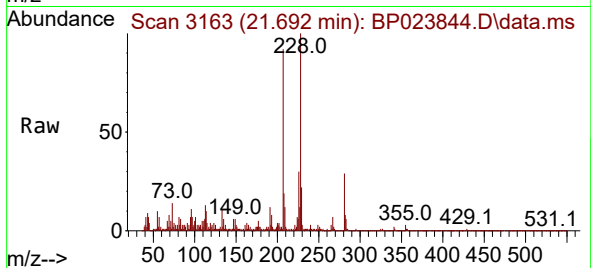
Tgt Ion:228 Resp: 338796

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 21.7 15.7 23.5



#90

Benzo(b)fluoranthene

Concen: 3.045 ng/ul

RT: 23.968 min Scan# 3550

Delta R.T. 0.012 min

Lab File: BP023844.D

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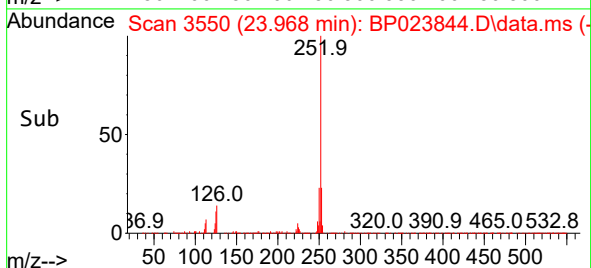
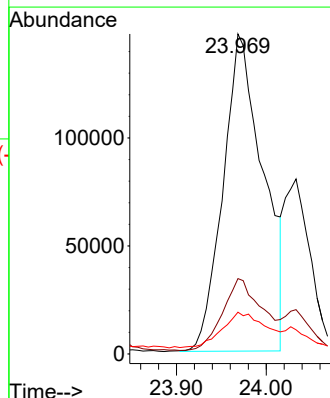
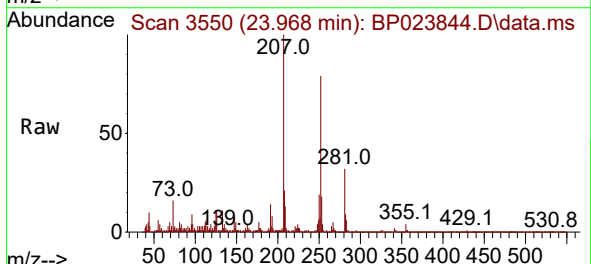
Tgt Ion:252 Resp: 457290

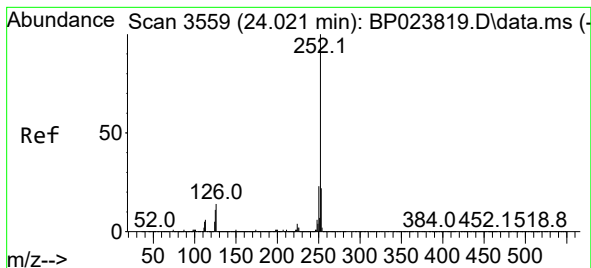
Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

125 13.1 8.2 12.2#





#91

Benzo(k)fluoranthene

Concen: 1.026 ng/ul

RT: 24.033 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP023844.D

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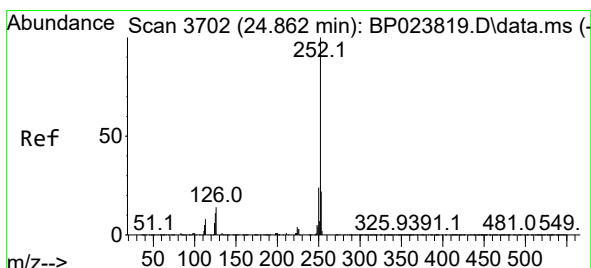
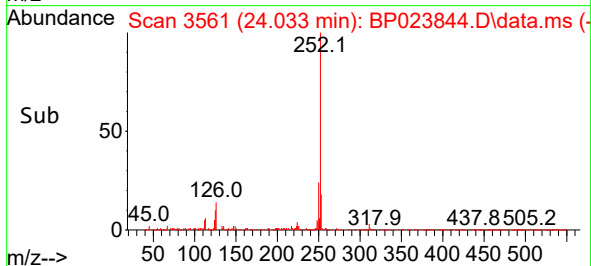
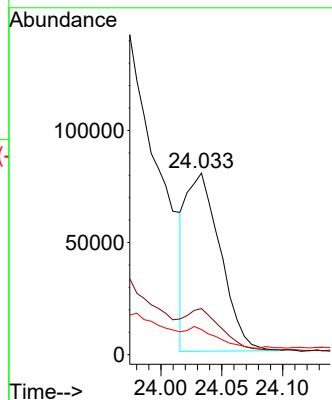
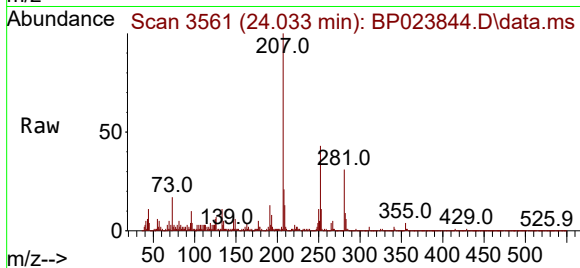
Tgt Ion:252 Resp: 154458

Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.6

125 13.8 8.5 12.7#



#93

Benzo(a)pyrene

Concen: 1.339 ng/ul

RT: 24.868 min Scan# 3703

Delta R.T. 0.006 min

Lab File: BP023844.D

Acq: 01 Feb 2025 04:16

Tgt Ion:252 Resp: 187864

Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.6

125 13.4 9.2 13.8

