

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023905.D
 Acq On : 04 Feb 2025 08:48
 Operator : RC/JU
 Sample : Q1190-17
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44T7

Quant Time: Feb 04 09:17:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

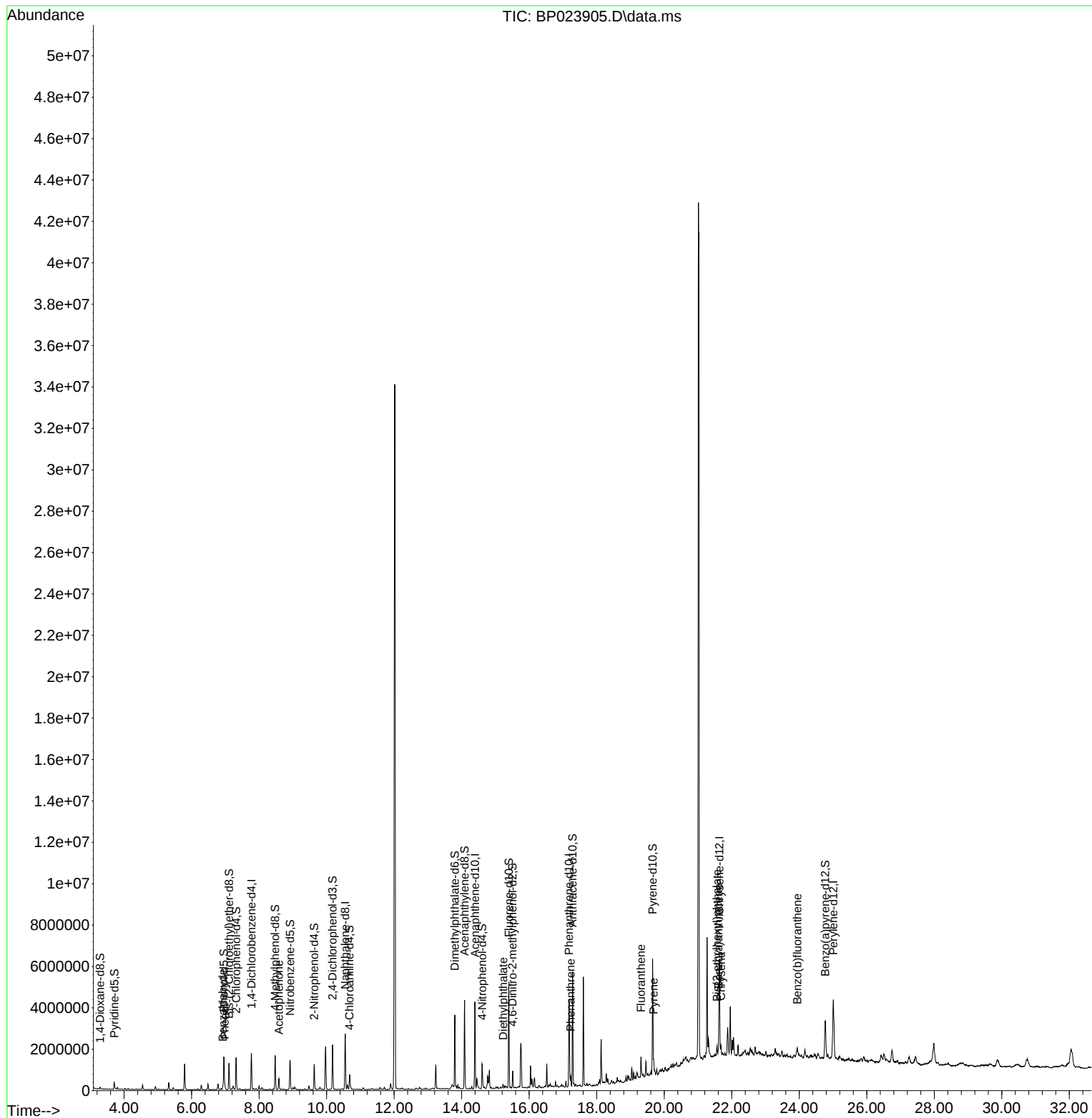
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	502169	20.000	ng/u1	0.00
20) Naphthalene-d8	10.551	136	2181333	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	1373029	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	2688486	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	2576013	20.000	ng/u1	0.00
88) Perylene-d12	25.009	264	2884321	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	43989	3.640	ng/uL	0.00
4) Pyridine-d5	3.710	84	197158	5.653	ng/u1	0.00
7) Phenol-d5	6.957	99	939670	21.144	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	508734	21.627	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	769373	22.046	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	615347	16.950	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	378299	21.676	ng/u1	0.00
24) 2-Nitrophenol-d4	9.634	143	405237	21.519	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	742998	21.508	ng/u1	0.00
31) 4-Chloroaniline-d4	10.681	131	456731	8.840	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	2244435	21.915	ng/u1	0.00
49) Acenaphthylene-d8	14.086	160	2567994	22.232	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	330613	16.255	ng/u1	0.00
60) Fluorene-d10	15.398	176	1941153	22.507	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	175018	10.552	ng/u1	0.00
73) Anthracene-d10	17.286	188	2828684	21.429	ng/u1	0.00
81) Pyrene-d10	19.657	212	2808575	20.348	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.768	264	1851502	12.303	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.928	77	53769	2.465	ng/u1	92
8) Phenol	6.987	94	136142	2.983	ng/u1	100
16) Acetophenone	8.587	105	298103	5.372	ng/u1	99
59) Diethylphthalate	15.227	149	113187	1.109	ng/u1	99
72) Phenanthrene	17.227	178	341010	2.246	ng/u1	99
80) Fluoranthene	19.309	202	480934	3.025	ng/u1	99
82) Pyrene	19.686	202	406123	2.443	ng/u1	97
85) Benzo(a)anthracene	21.609	228	229155	1.353	ng/u1#	91
86) Bis(2-ethylhexyl)phtha...	21.562	149	171978	1.646	ng/u1	98
87) Chrysene	21.680	228	325533	2.086	ng/u1#	89
90) Benzo(b)fluoranthene	23.945	252	333218	1.904	ng/u1#	89

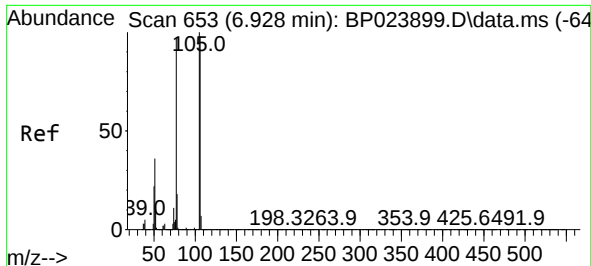
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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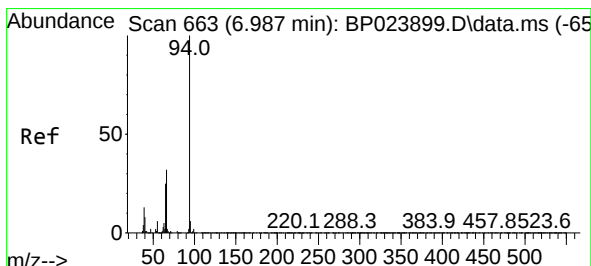
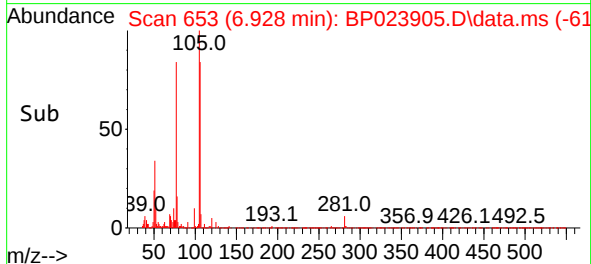
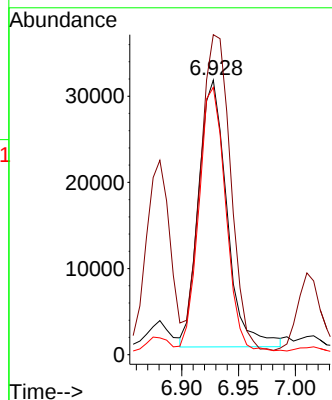
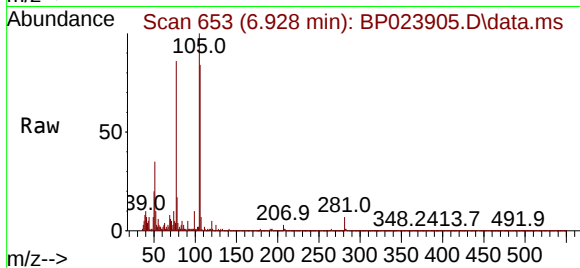




#6
Benzaldehyde
Concen: 2.465 ng/ul
RT: 6.928 min Scan# 61
Delta R.T. 0.005 min
Lab File: BP023905.D
Acq: 04 Feb 2025 08:48

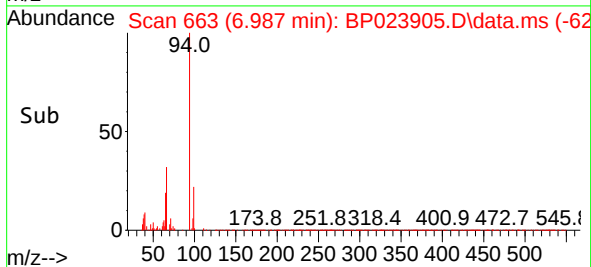
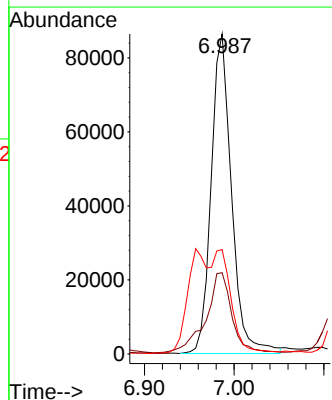
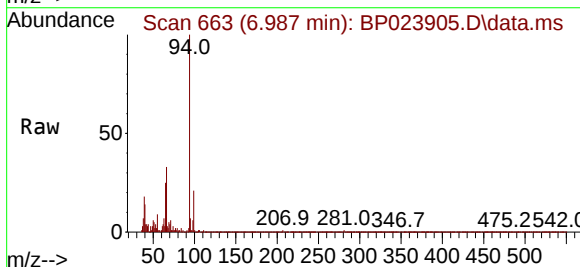
Instrument :
BNA_P
ClientSampleId :
A44T7

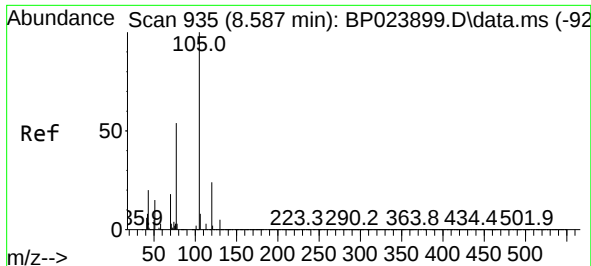
Tgt Ion: 77 Resp: 53769
Ion Ratio Lower Upper
77 100
105 116.5 82.6 123.8
106 97.4 80.5 120.7



#8
Phenol
Concen: 2.983 ng/ul
RT: 6.987 min Scan# 663
Delta R.T. 0.005 min
Lab File: BP023905.D
Acq: 04 Feb 2025 08:48

Tgt Ion: 94 Resp: 136142
Ion Ratio Lower Upper
94 100
65 25.4 20.1 30.1
66 32.6 26.0 39.0

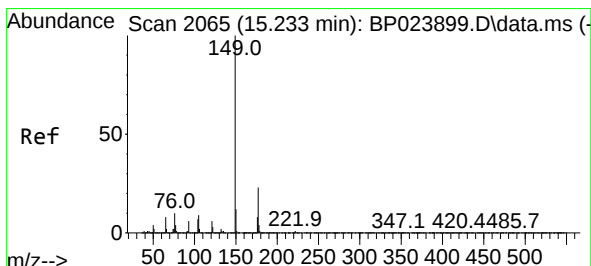
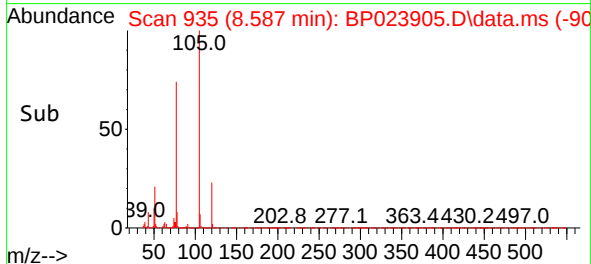
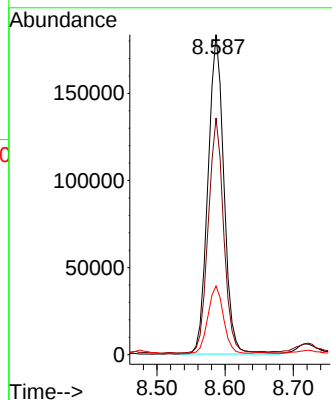
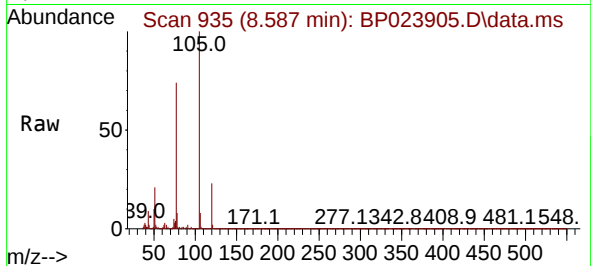




#16
Acetophenone
Concen: 5.372 ng/ul
RT: 8.587 min Scan# 91
Delta R.T. 0.005 min
Lab File: BP023905.D
Acq: 04 Feb 2025 08:48

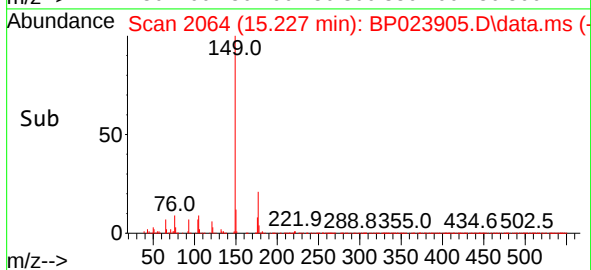
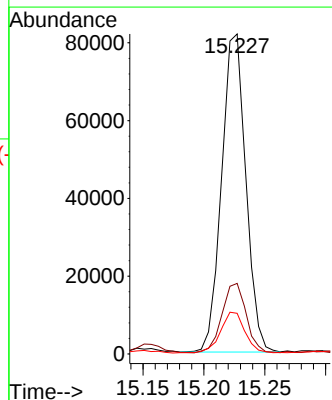
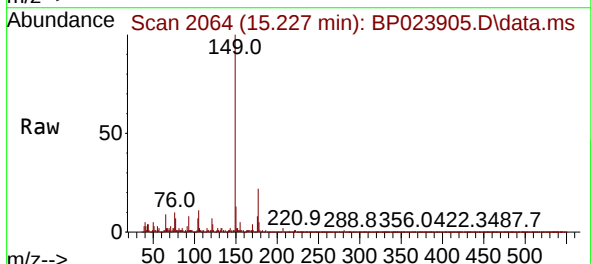
Instrument :
BNA_P
ClientSampleId :
A44T7

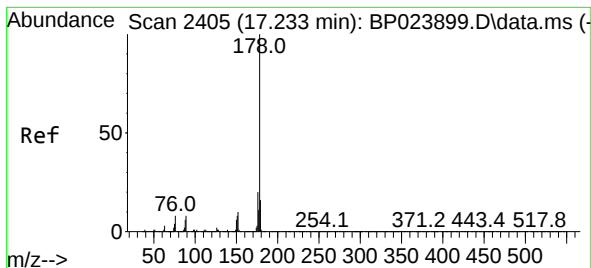
Tgt Ion:105 Resp: 298103
Ion Ratio Lower Upper
105 100
77 73.9 58.6 87.8
51 21.5 16.6 24.8



#59
Diethylphthalate
Concen: 1.109 ng/ul
RT: 15.227 min Scan# 2064
Delta R.T. 0.005 min
Lab File: BP023905.D
Acq: 04 Feb 2025 08:48

Tgt Ion:149 Resp: 113187
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.0
150 12.7 9.9 14.9





#72

Phenanthrene

Concen: 2.246 ng/ul

RT: 17.227 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BP023905.D

Acq: 04 Feb 2025 08:48

Instrument :

BNA_P

ClientSampleId :

A44T7

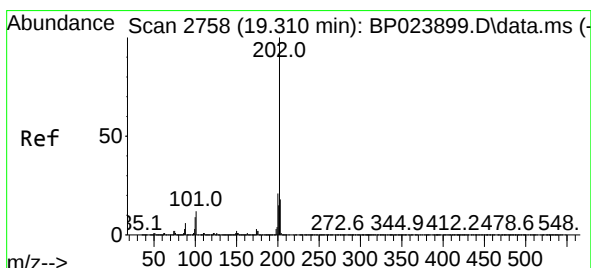
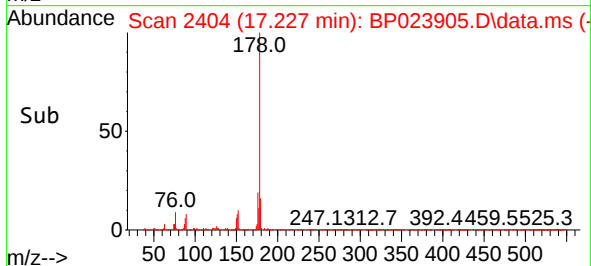
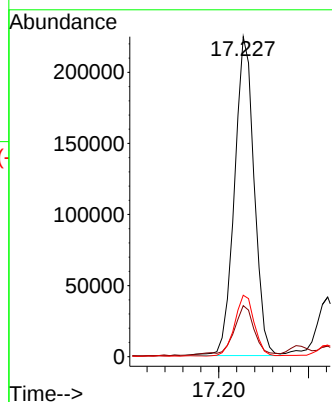
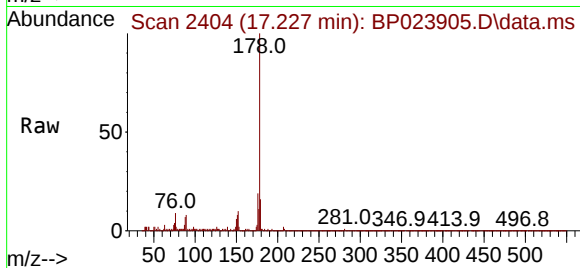
Tgt Ion:178 Resp: 341010

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

176 19.2 15.6 23.4



#80

Fluoranthene

Concen: 3.025 ng/ul

RT: 19.309 min Scan# 2758

Delta R.T. -0.006 min

Lab File: BP023905.D

Acq: 04 Feb 2025 08:48

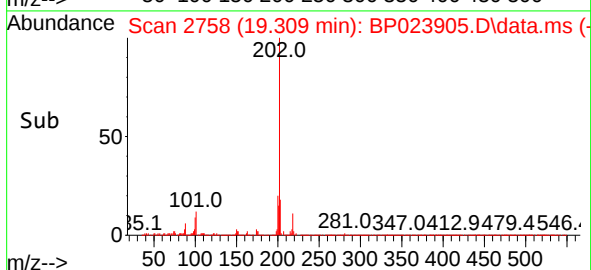
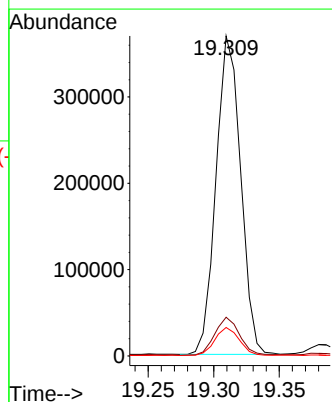
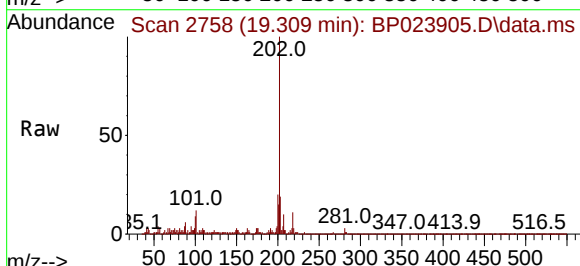
Tgt Ion:202 Resp: 480934

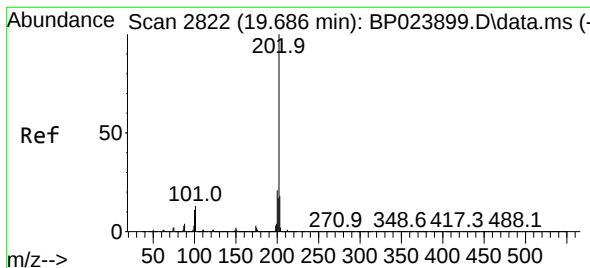
Ion Ratio Lower Upper

202 100

101 12.1 9.4 14.2

100 8.9 7.0 10.6





#82

Pyrene

Concen: 2.443 ng/ul

RT: 19.686 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BP023905.D

Acq: 04 Feb 2025 08:48

Instrument :

BNA_P

ClientSampleId :

A44T7

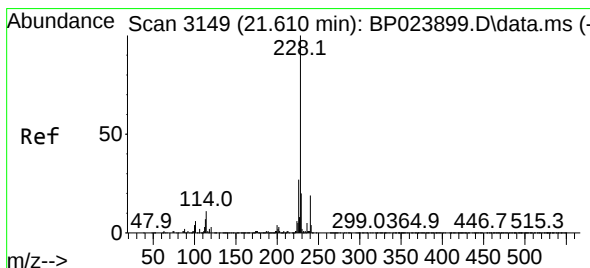
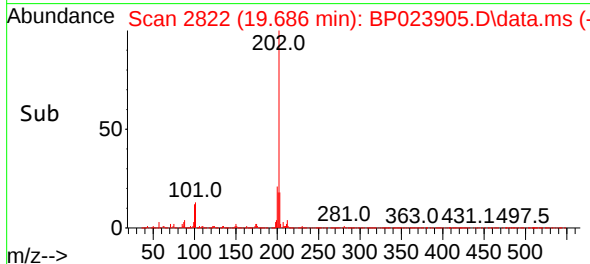
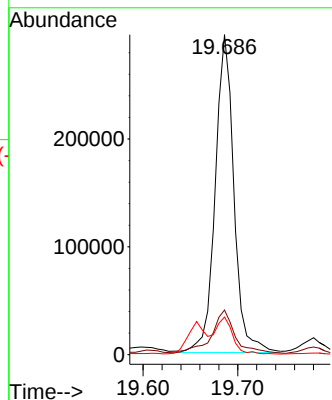
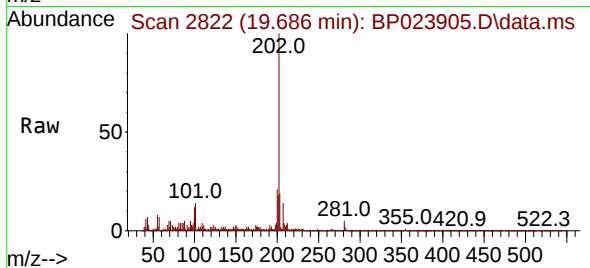
Tgt Ion:202 Resp: 406123

Ion Ratio Lower Upper

202 100

101 14.0 10.4 15.6

100 11.8 8.6 12.8



#85

Benzo(a)anthracene

Concen: 1.353 ng/ul

RT: 21.609 min Scan# 3149

Delta R.T. -0.006 min

Lab File: BP023905.D

Acq: 04 Feb 2025 08:48

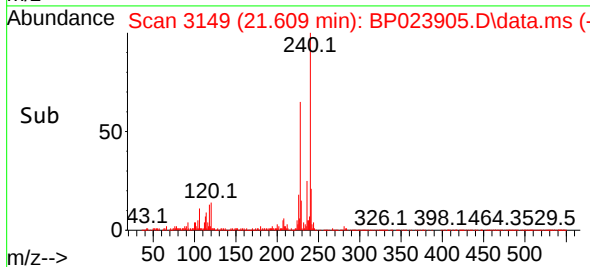
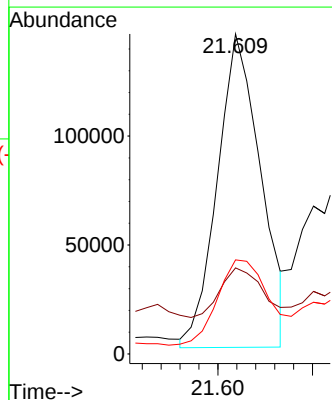
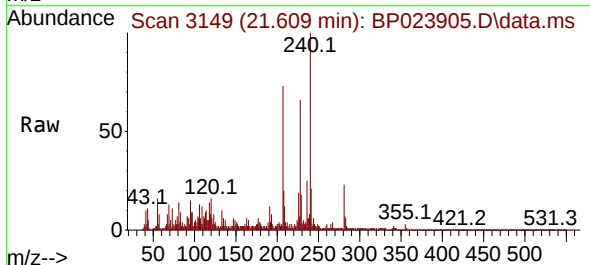
Tgt Ion:228 Resp: 229155

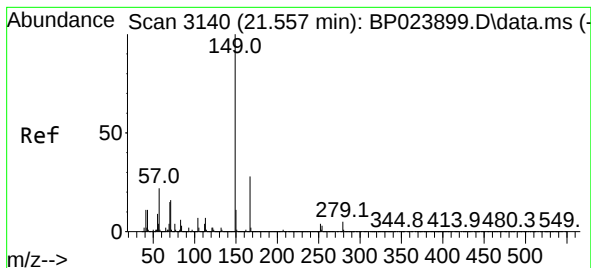
Ion Ratio Lower Upper

228 100

229 26.9 15.9 23.9#

226 29.4 21.7 32.5

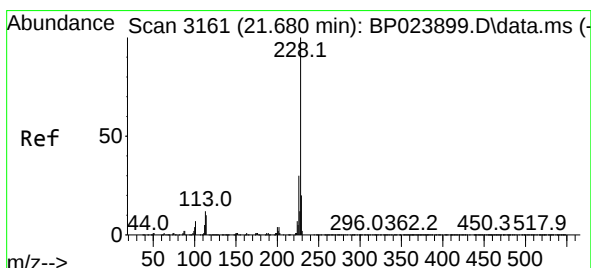
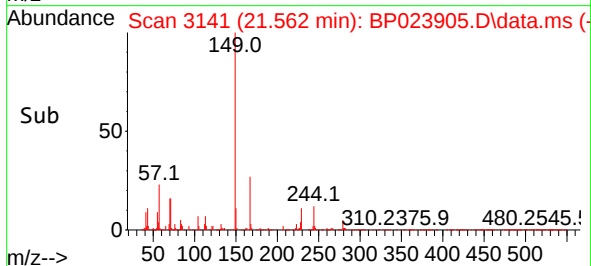
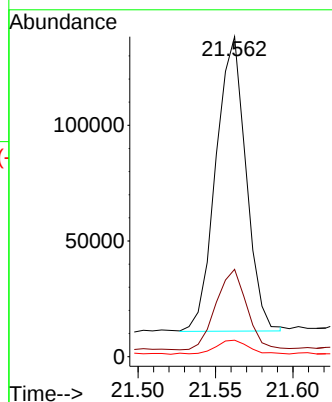
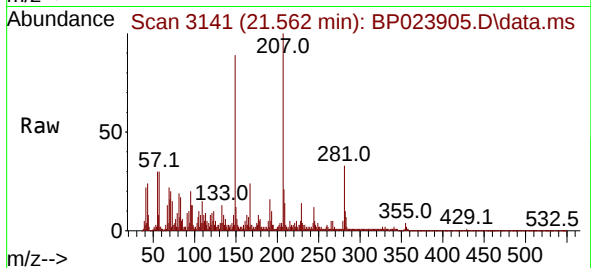




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.646 ng/ul
RT: 21.562 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BP023905.D
Acq: 04 Feb 2025 08:48

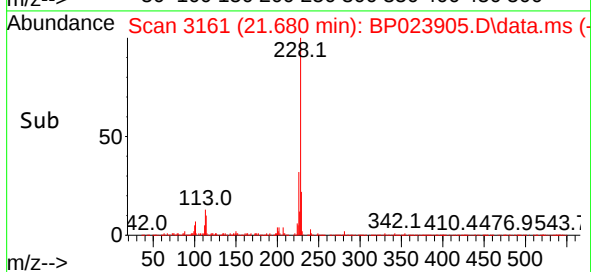
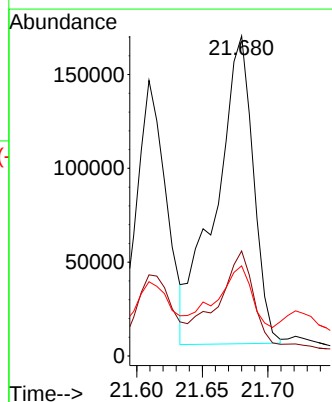
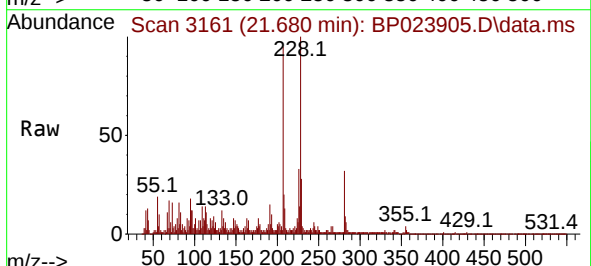
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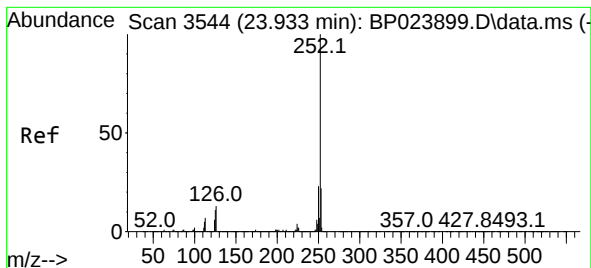
Tgt Ion:149 Resp: 171978
Ion Ratio Lower Upper
149 100
167 27.3 22.6 33.8
279 5.1 3.8 5.6



#87
Chrysene
Concen: 2.086 ng/ul
RT: 21.680 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP023905.D
Acq: 04 Feb 2025 08:48

Tgt Ion:228 Resp: 325533
Ion Ratio Lower Upper
228 100
226 32.8 23.8 35.6
229 28.1 15.7 23.5#





#90

Benzo(b)fluoranthene

Concen: 1.904 ng/ul

RT: 23.945 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP023905.D

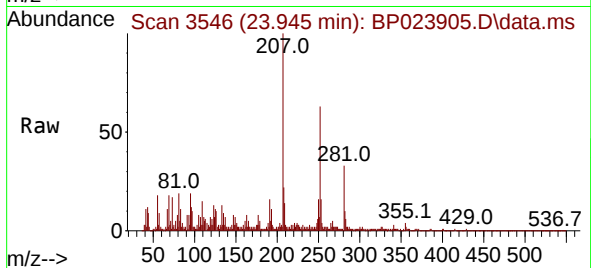
Acq: 04 Feb 2025 08:48

Instrument :

BNA_P

ClientSampleId :

A44T7



Tgt Ion:252 Resp: 333218

Ion Ratio Lower Upper

252 100

253 24.8 17.5 26.3

125 17.9 8.2 12.2#

