

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015874.D
 Acq On : 01 Jul 2023 08:38
 Operator : MA/JU
 Sample : 03239-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY9

Quant Time: Jul 02 00:43:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

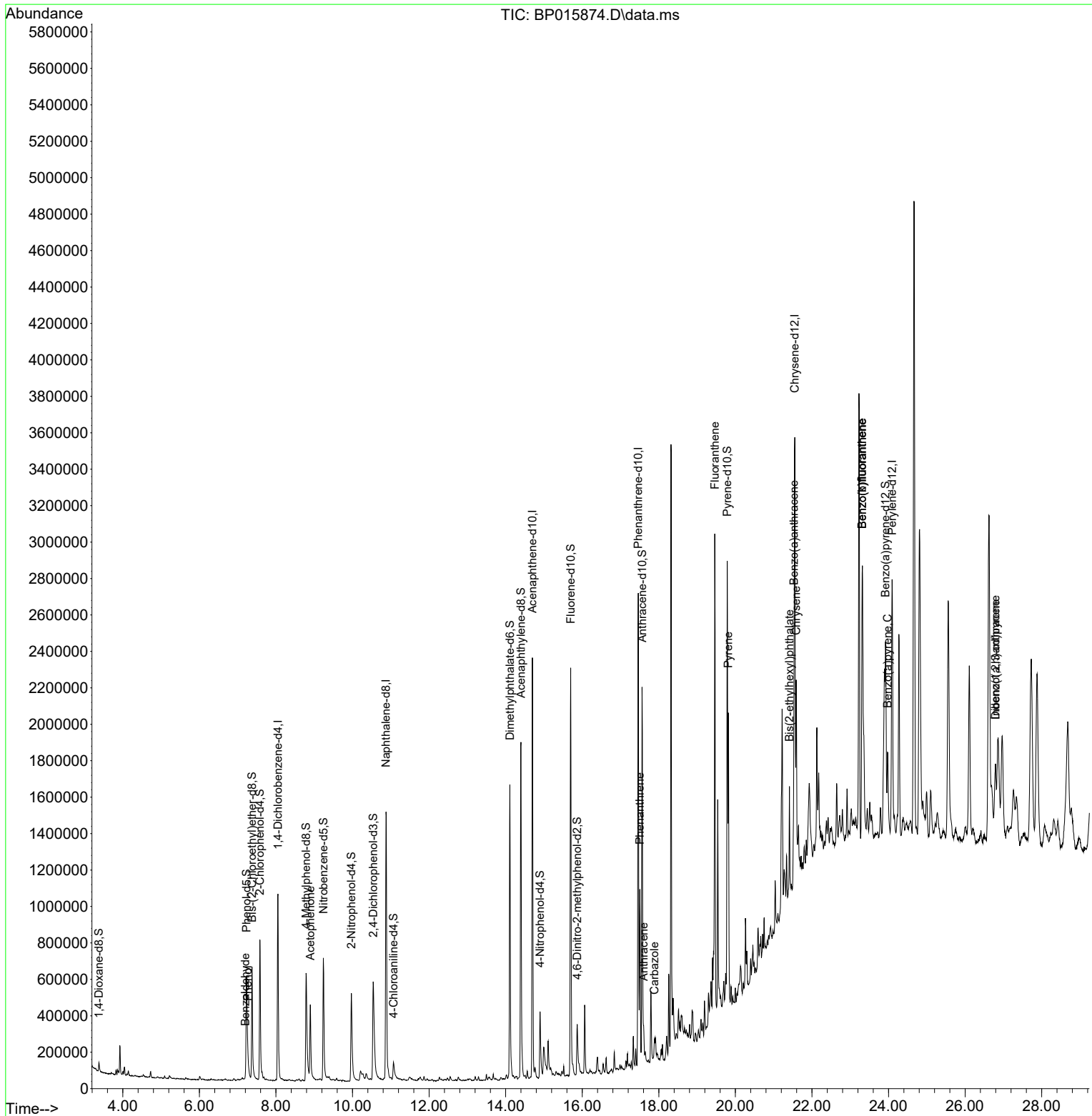
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	313963	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.875	136	1340326	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.698	164	776518	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.463	188	1454444	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	962667	20.000	ng/ul	-0.01
88) Perylene-d12	24.092	264	1139402	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	24099	2.762	ng/uL	-0.01
4) Pyridine-d5	3.834	84	517	0.024	ng/ul	0.00
7) Phenol-d5	7.234	99	464771	17.301	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	315993	19.013	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.581	132	378293	18.655	ng/ul	-0.01
15) 4-Methylphenol-d8	8.787	113	326255	15.374	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	183609	17.925	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	199782	16.711	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	336473	15.794	ng/ul	0.02
31) 4-Chloroaniline-d4	11.069	131	91223	3.333	ng/ul	0.03
46) Dimethylphthalate-d6	14.110	166	1133490	18.886	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	1277712	18.938	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.898	143	24201	3.056	ng/ul	-0.05
60) Fluorene-d10	15.698	176	922072	18.658	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.869	200	80736	9.026	ng/ul	0.01
73) Anthracene-d10	17.563	188	1245459	18.747	ng/ul	-0.01
81) Pyrene-d10	19.786	212	1076069	17.118	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.921	264	793216	13.801	ng/ul	-0.02
Target Compounds						
6) Benzaldehyde	7.205	77	17218	1.585	ng/ul	100
8) Phenol	7.263	94	45265	1.624	ng/ul	94
16) Acetophenone	8.899	105	253508	7.267	ng/ul	99
72) Phenanthrene	17.504	178	515228	6.521	ng/ul	99
74) Anthracene	17.604	178	101339	1.276	ng/ul	98
77) Carbazole	17.886	167	75595	1.130	ng/ul	99
80) Fluoranthene	19.463	202	1349990	17.280	ng/ul#	93
82) Pyrene	19.816	202	895625	11.239	ng/ul#	89
85) Benzo(a)anthracene	21.533	228	527620	7.791	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.410	149	185221	4.145	ng/ul	98
87) Chrysene	21.586	228	612937	9.540	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	986371	13.473	ng/ul#	93
91) Benzo(k)fluoranthene	23.310	252	986371	13.335	ng/ul#	92
93) Benzo(a)pyrene	23.974	252	382584	5.981	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.792	276	394068	4.538	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.792	278	139094	1.950	ng/ul#	77

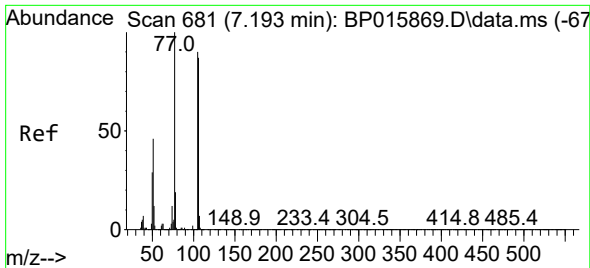
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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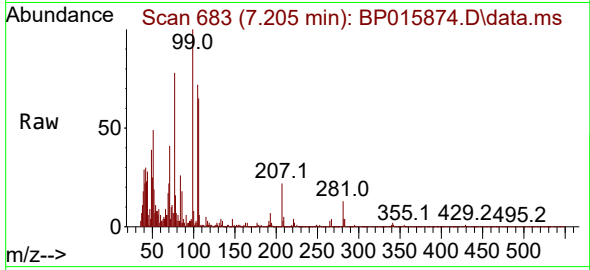
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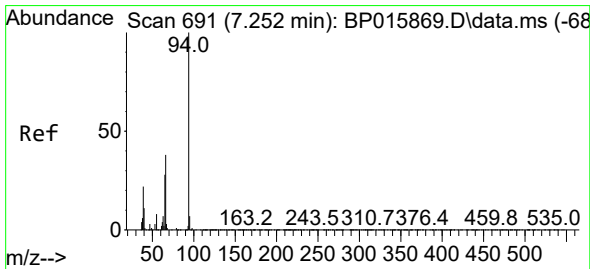
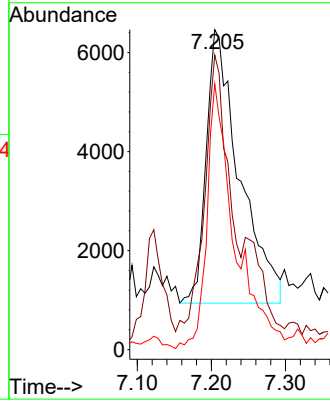
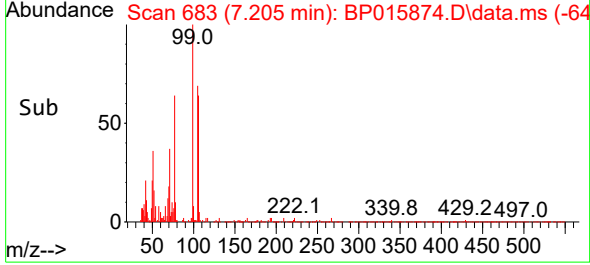


#6
Benzaldehyde
Concen: 1.585 ng/uI
RT: 7.205 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP015874.D
Acq: 01 Jul 2023 08:38

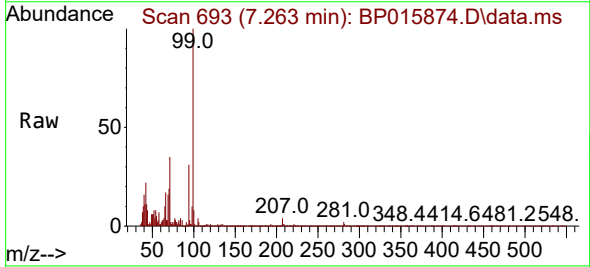
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BNA_P
ClientSampleId :
DCFY9



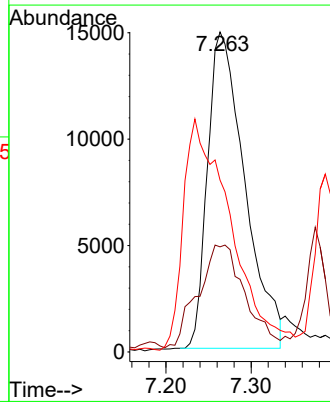
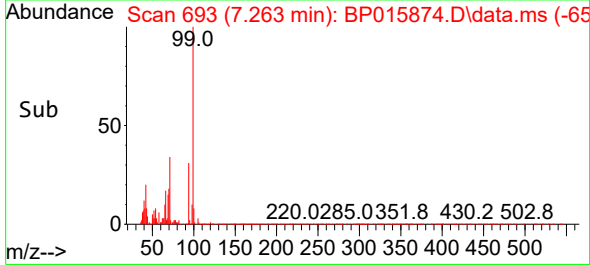
Tgt Ion: 77 Resp: 17218
Ion Ratio Lower Upper
77 100
105 92.1 73.4 110.0
106 83.1 66.6 100.0

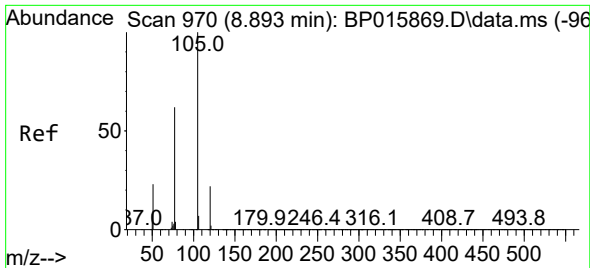


#8
Phenol
Concen: 1.624 ng/uI
RT: 7.263 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP015874.D
Acq: 01 Jul 2023 08:38



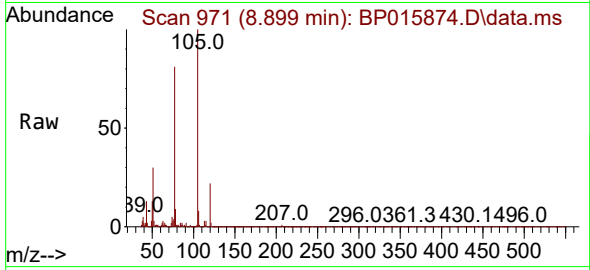
Tgt Ion: 94 Resp: 45265
Ion Ratio Lower Upper
94 100
65 32.9 26.4 39.6
66 53.7 37.3 55.9



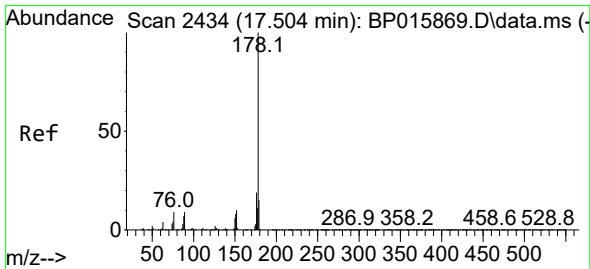
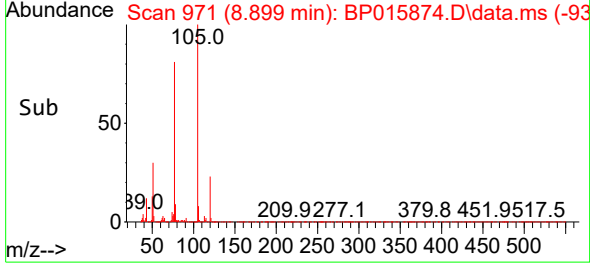
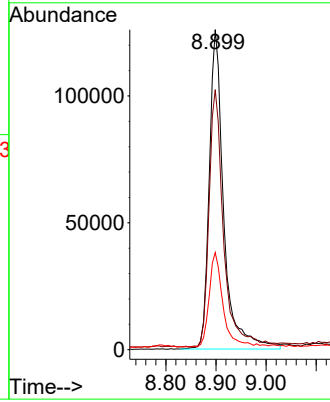


#16
 Acetophenone
 Concen: 7.267 ng/uI
 RT: 8.899 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

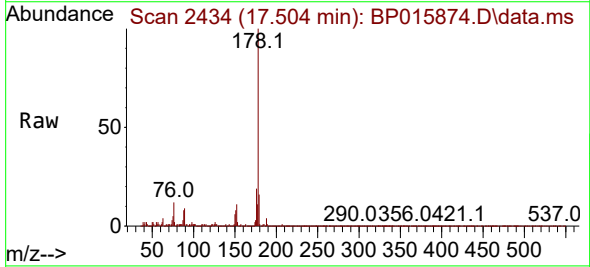
Instrument :
 BNA_P
 ClientSampleId :
 DCFY9



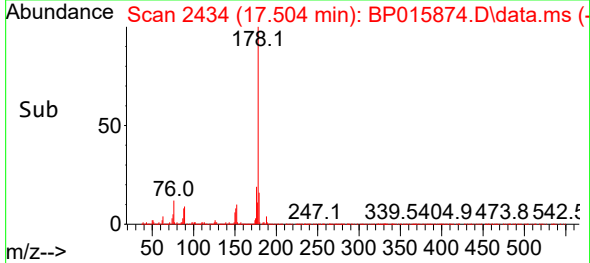
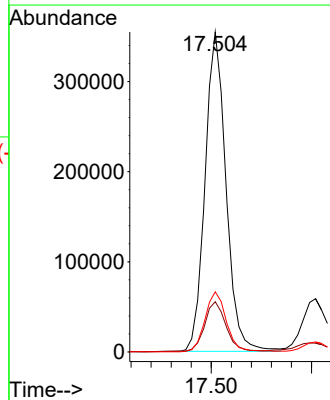
Tgt Ion:105 Resp: 253508
 Ion Ratio Lower Upper
 105 100
 77 81.2 65.0 97.4
 51 30.3 25.1 37.7

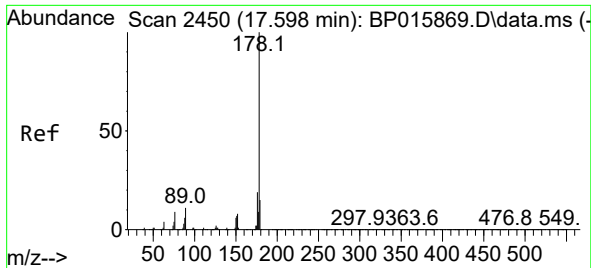


#72
 Phenanthrene
 Concen: 6.521 ng/uI
 RT: 17.504 min Scan# 2434
 Delta R.T. -0.012 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38



Tgt Ion:178 Resp: 515228
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.4 18.6
 176 18.8 15.6 23.4

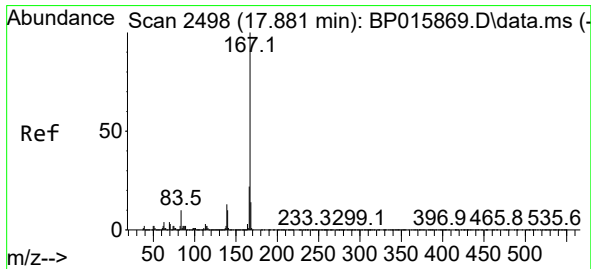
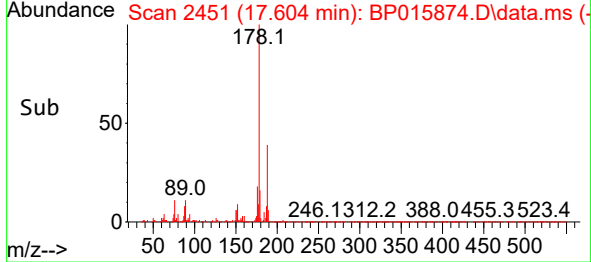
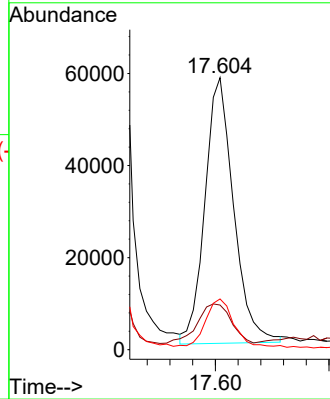
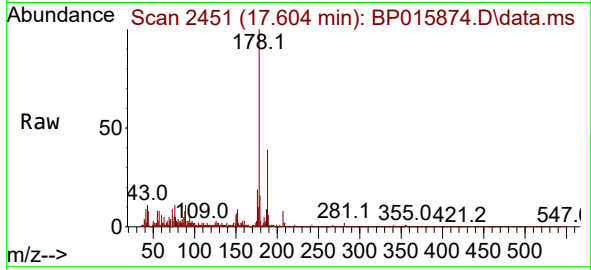




#74
 Anthracene
 Concen: 1.276 ng/ul
 RT: 17.604 min Scan# 2450
 Delta R.T. -0.006 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

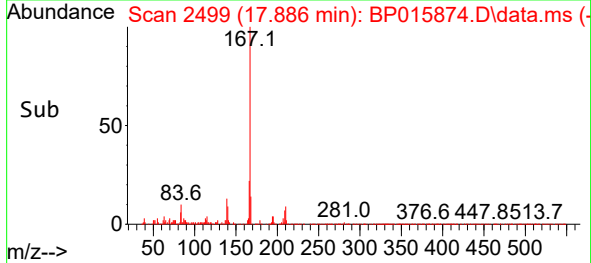
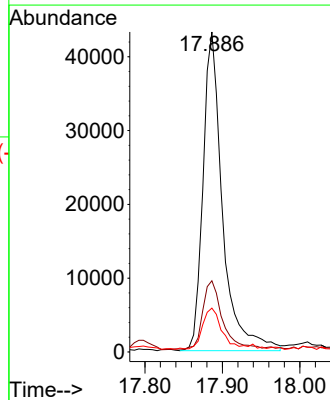
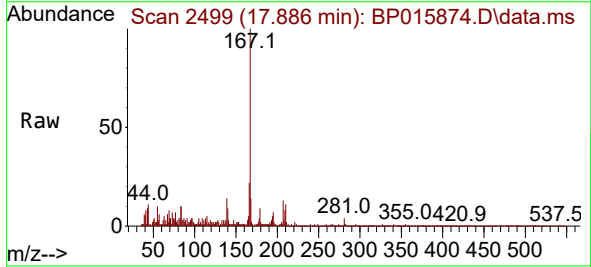
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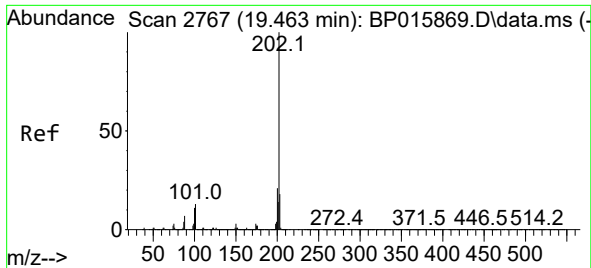
Tgt Ion:178 Resp: 101339
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.1 18.1
 176 18.7 14.6 22.0



#77
 Carbazole
 Concen: 1.130 ng/ul
 RT: 17.886 min Scan# 2499
 Delta R.T. 0.000 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

Tgt Ion:167 Resp: 75595
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.7 11.0 16.4



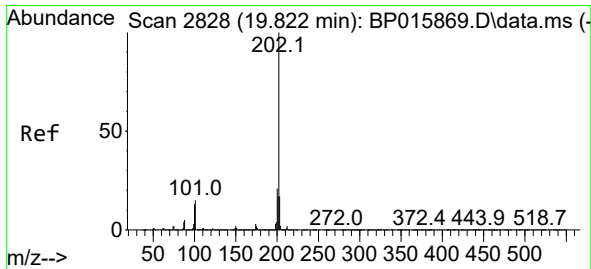
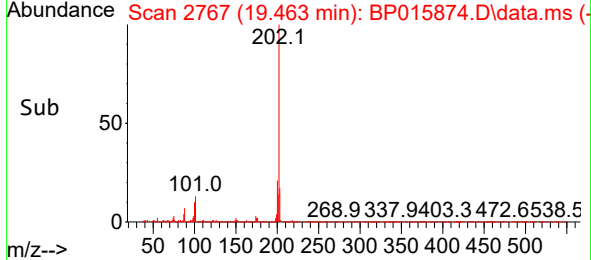
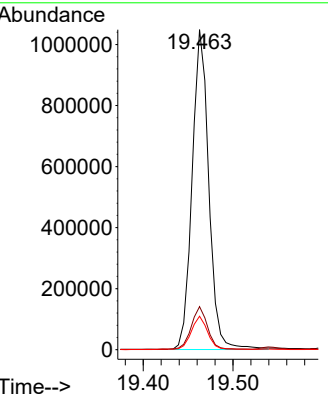
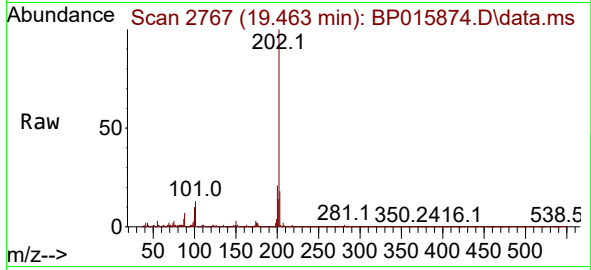


#80
 Fluoranthene
 Concen: 17.280 ng/u1
 RT: 19.463 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

Instrument : BNA_P
 ClientSampleId : DCFY9

Tgt Ion:202 Resp: 1349990

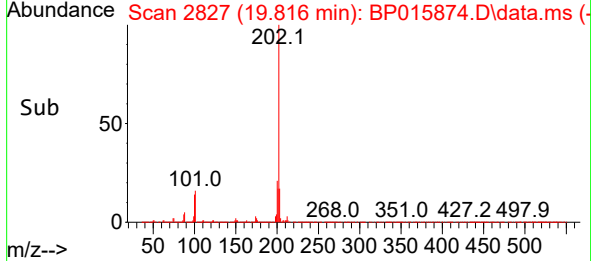
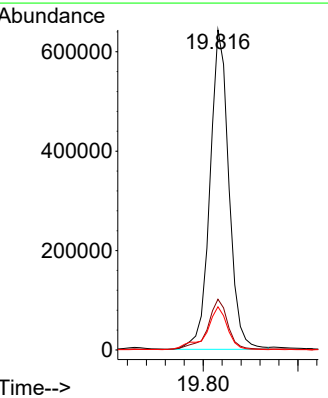
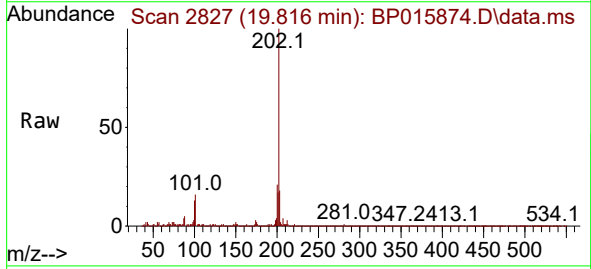
Ion	Ratio	Lower	Upper
202	100		
101	13.5	8.3	12.5#
100	10.5	6.6	9.8#

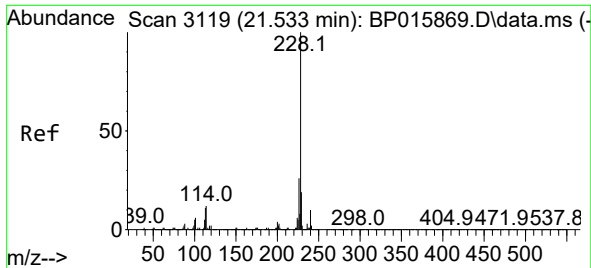


#82
 Pyrene
 Concen: 11.239 ng/u1
 RT: 19.816 min Scan# 2827
 Delta R.T. -0.018 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

Tgt Ion:202 Resp: 895625

Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.3	13.9#
100	13.5	7.6	11.4#



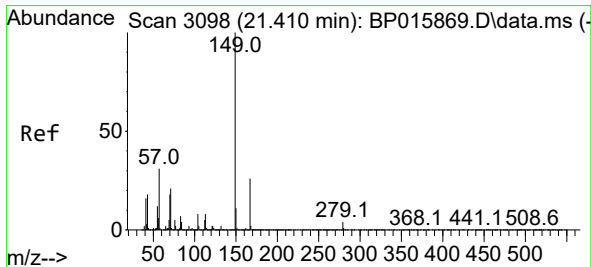
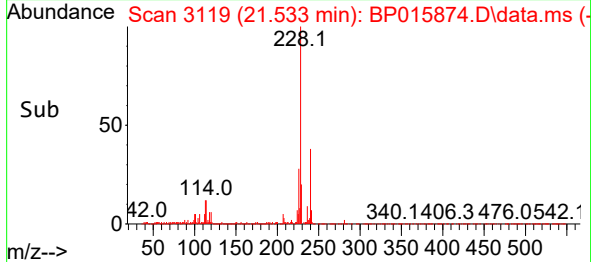
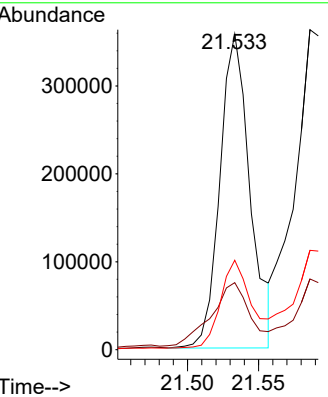
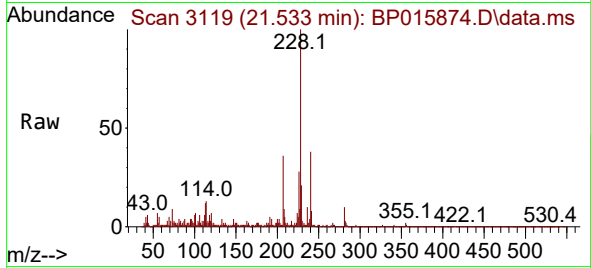


#85
 Benzo(a)anthracene
 Concen: 7.791 ng/ul
 RT: 21.533 min Scan# 3119
 Delta R.T. -0.012 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

Instrument :
 BNA_P
 ClientSampleId :
 DCFY9

Tgt Ion:228 Resp: 527620

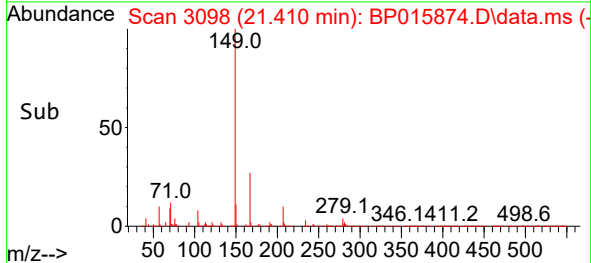
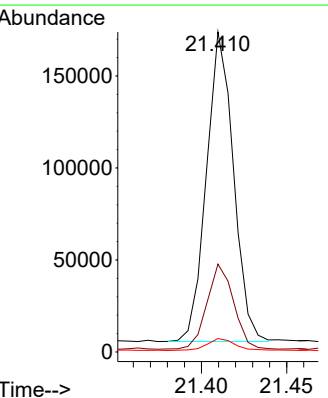
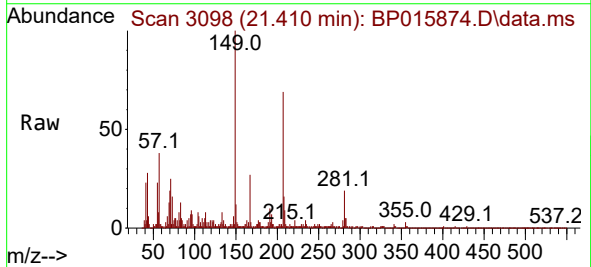
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.3	22.9
226	28.3	21.4	32.0

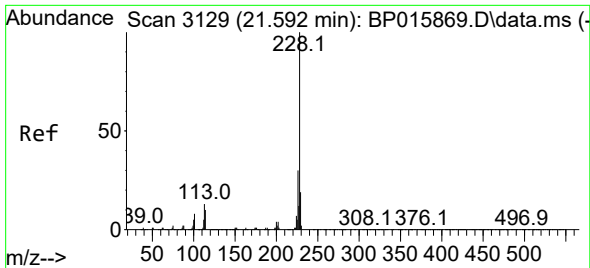


#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.145 ng/ul
 RT: 21.410 min Scan# 3098
 Delta R.T. -0.024 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

Tgt Ion:149 Resp: 185221

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.0	31.6
279	4.2	3.8	5.6



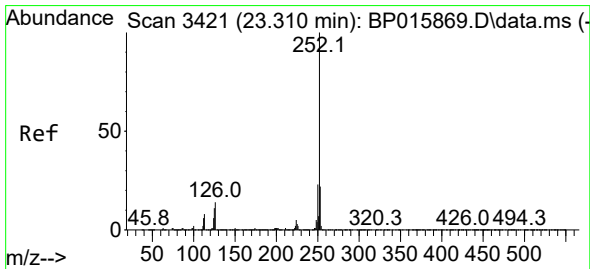
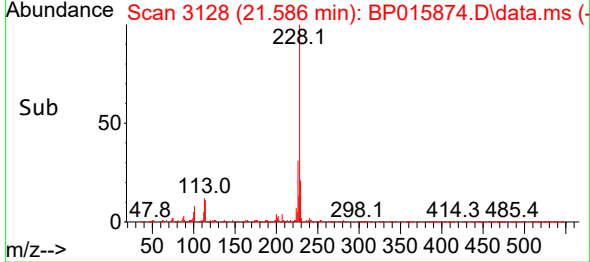
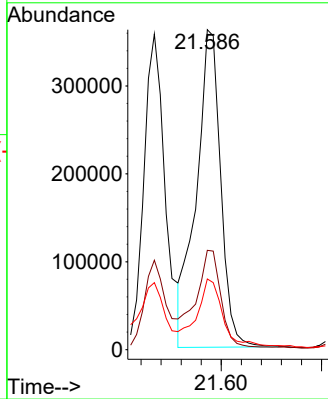
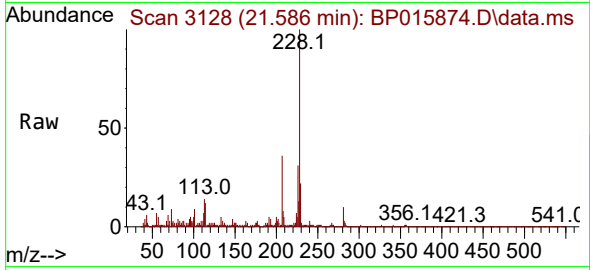


#87
 Chrysene
 Concen: 9.540 ng/ul
 RT: 21.586 min Scan# 3128
 Delta R.T. -0.018 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

Instrument :
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 ClientSampleId :
 DCFY9

Tgt Ion:228 Resp: 612937

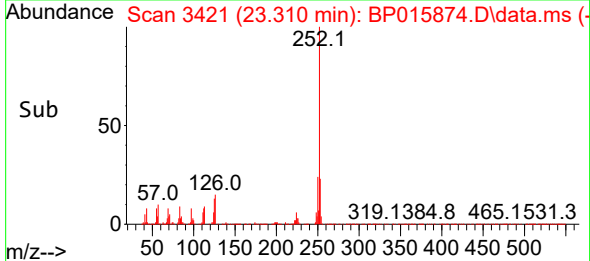
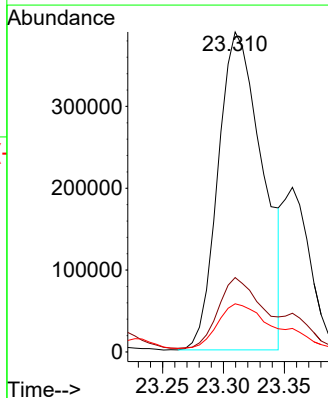
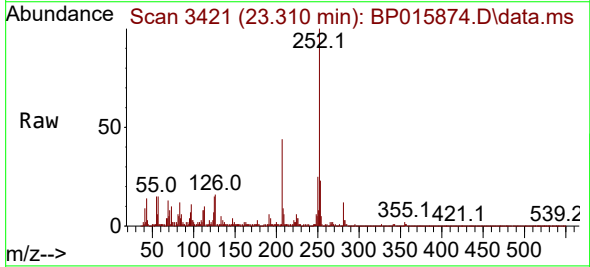
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.3	36.5
229	22.1	15.5	23.3

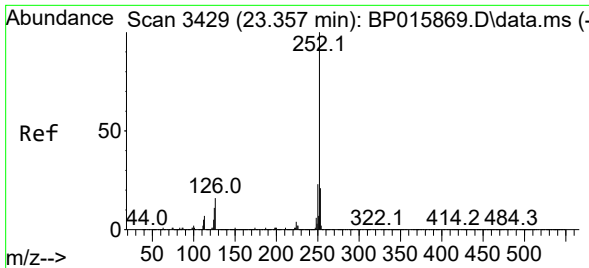


#90
 Benzo(b)fluoranthene
 Concen: 13.473 ng/ul
 RT: 23.310 min Scan# 3421
 Delta R.T. -0.018 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

Tgt Ion:252 Resp: 986371

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	15.0	7.5	11.3



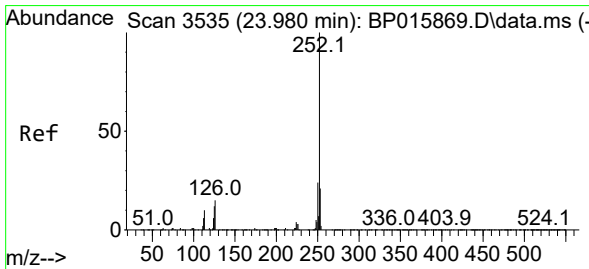
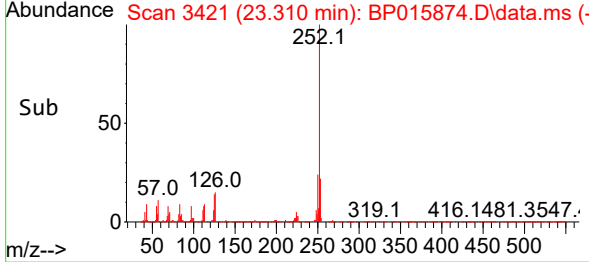
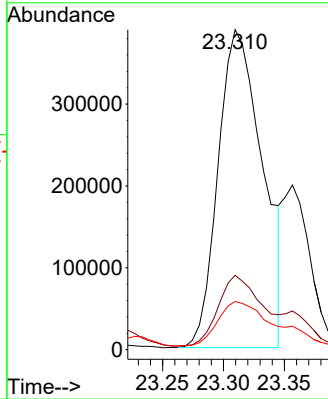
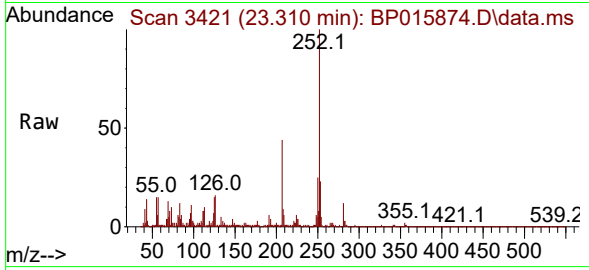


#91
 Benzo(k)fluoranthene
 Concen: 13.335 ng/ul
 RT: 23.310 min Scan# 3421
 Delta R.T. -0.071 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

Instrument : BNA_P
 ClientSampleId : DCFY9

Tgt Ion:252 Resp: 986371

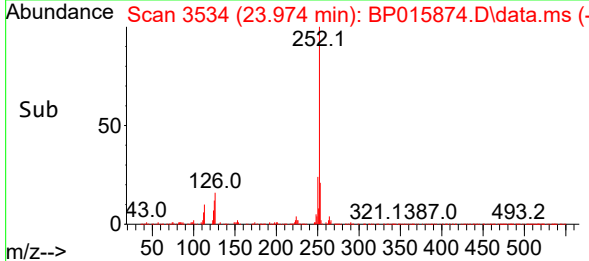
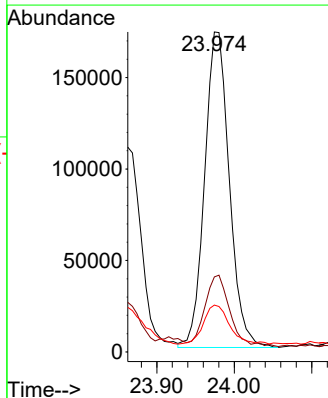
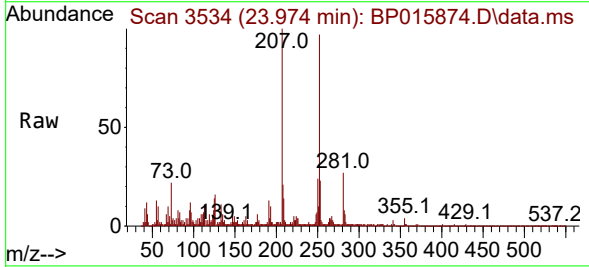
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	15.0	7.3	10.9#

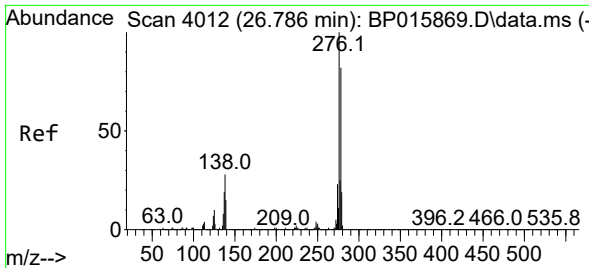


#93
 Benzo(a)pyrene
 Concen: 5.981 ng/ul
 RT: 23.974 min Scan# 3534
 Delta R.T. -0.029 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

Tgt Ion:252 Resp: 382584

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	14.6	8.2	12.2#



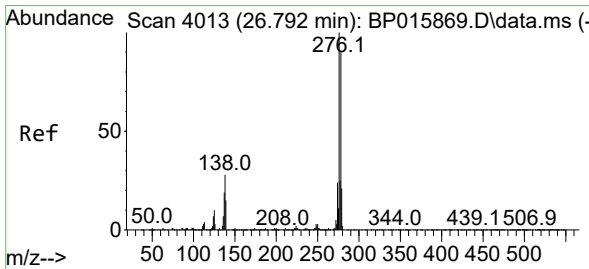
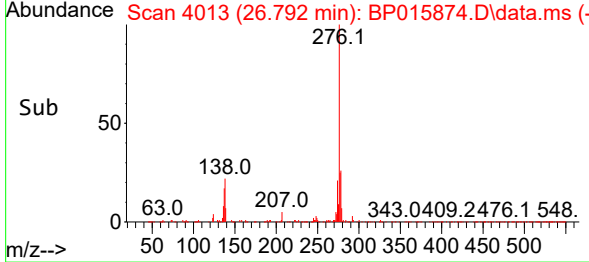
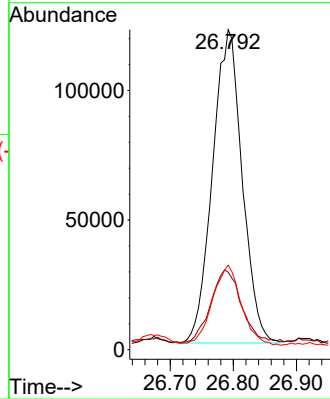
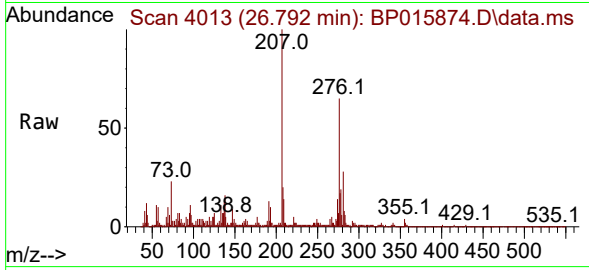


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 4.538 ng/ul
 RT: 26.792 min Scan# 4013
 Delta R.T. -0.024 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

Instrument : BNA_P
 ClientSampleId : DCFY9

Tgt Ion:276 Resp: 394068

Ion	Ratio	Lower	Upper
276	100		
138	24.2	15.7	23.5#
277	26.4	19.6	29.4



#95
 Dibenzo(a,h)anthracene
 Concen: 1.950 ng/ul
 RT: 26.792 min Scan# 4013
 Delta R.T. -0.035 min
 Lab File: BP015874.D
 Acq: 01 Jul 2023 08:38

Tgt Ion:278 Resp: 139094

Ion	Ratio	Lower	Upper
278	100		
139	25.4	10.5	15.7#
279	32.1	18.4	27.6#

