

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021273.D
 Acq On : 31 Jul 2024 23:42
 Operator : CG/JU
 Sample : P3264-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CL9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Aug 01 02:18:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	173817	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	679080	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	467718	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1038289	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	973228	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	984308	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	11096	2.905	ng/uL	0.00
4) Pyridine-d5	3.623	84	13461m	1.217	ng/u1	0.03
7) Phenol-d5	6.858	99	222651	15.712	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.987	67	133069	15.495	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	201450	17.254	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	181811	15.448	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	93340	17.696	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	110215	18.257	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	186870	17.119	ng/u1	0.01
31) 4-Chloroaniline-d4	10.563	131	212057	14.664	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	653648	19.225	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	711891	18.647	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	61915	12.799	ng/u1	0.01
60) Fluorene-d10	15.281	176	575895	20.646	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	82574	13.144	ng/u1	0.00
73) Anthracene-d10	17.187	188	875310	18.981	ng/u1	0.00
81) Pyrene-d10	19.581	212	1055190	17.537	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	729741	15.032	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.128	178	129622	2.407	ng/u1	99
80) Fluoranthene	19.233	202	286826	3.947	ng/u1	100
82) Pyrene	19.616	202	195093	2.638	ng/u1	97
85) Benzo(a)anthracene	21.516	228	114503	1.680	ng/u1	95
87) Chrysene	21.580	228	119595	1.888	ng/u1	96
90) Benzo(b)fluoranthene	23.804	252	126744	2.122	ng/u1	99

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

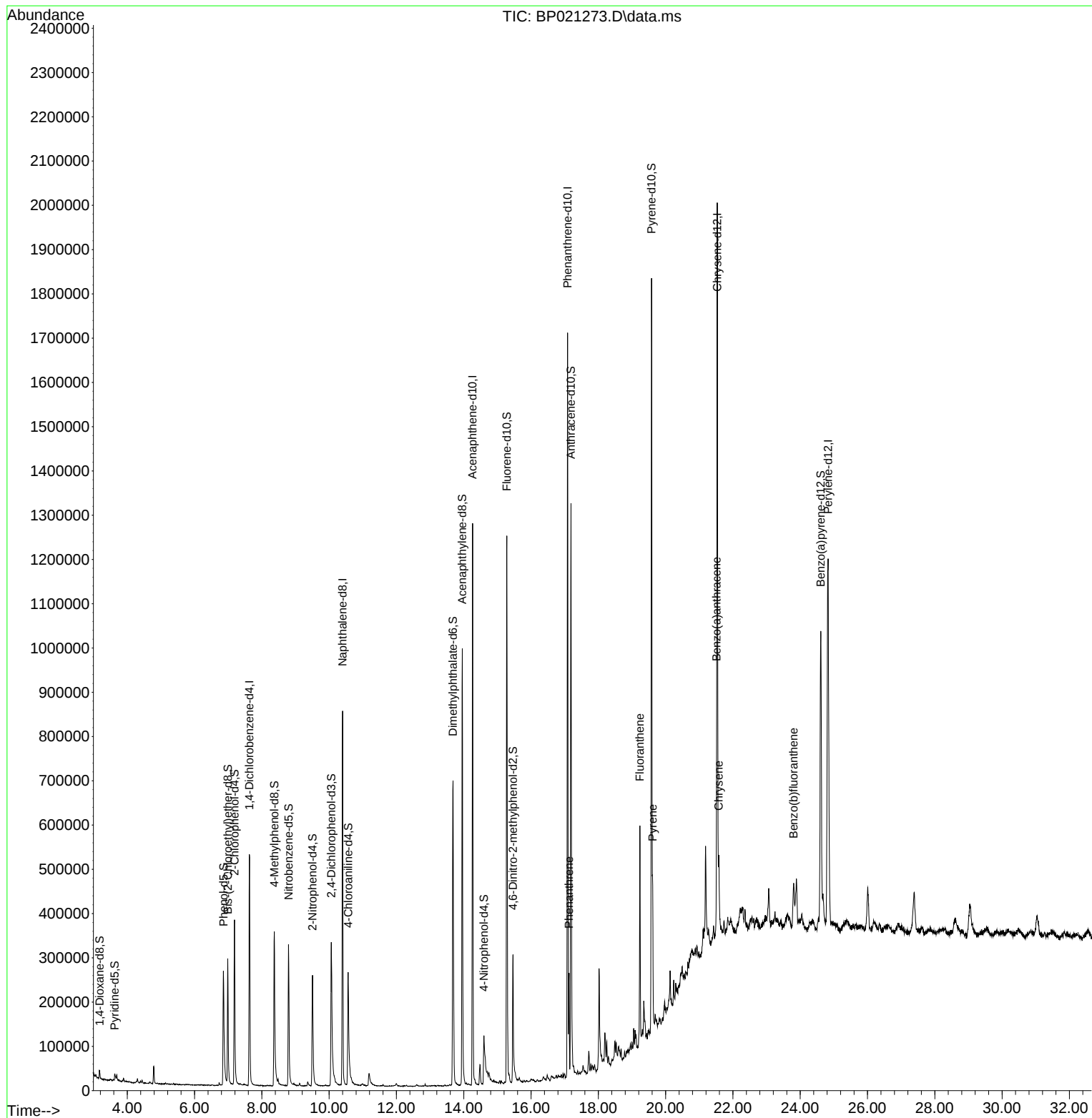
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
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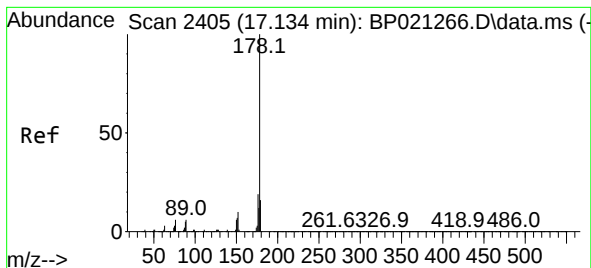
Instrument :
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Quant Time: Aug 01 02:18:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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#72

Phenanthrene

Concen: 2.407 ng/ul

RT: 17.128 min Scan# 2405

Delta R.T. -0.005 min

Lab File: BP021273.D

Acq: 31 Jul 2024 23:42

Instrument :

BNA_P

ClientSampleId :

A4CL9

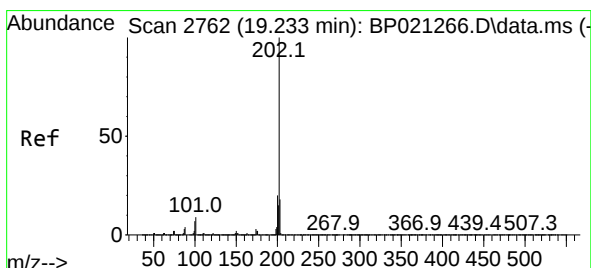
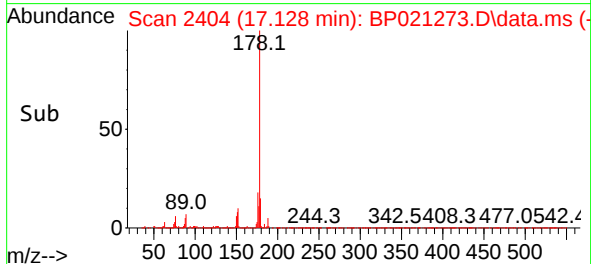
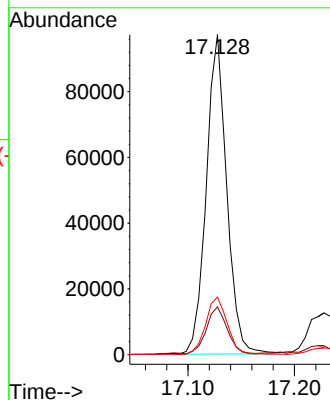
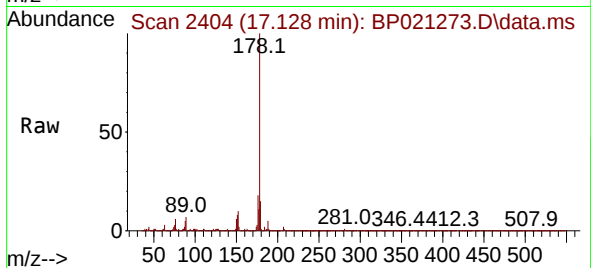
Tgt Ion:178	Resp: 12962
Ion Ratio	Lower Upper
178 100	
179 15.0	12.2 18.4
176 18.0	15.0 22.4

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#80

Fluoranthene

Concen: 3.947 ng/ul

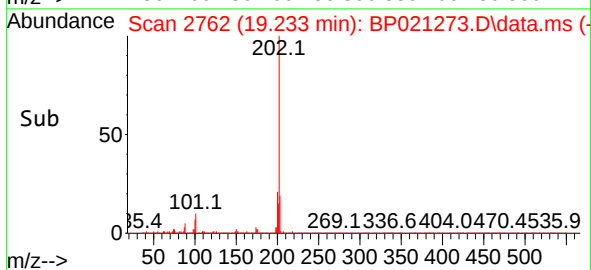
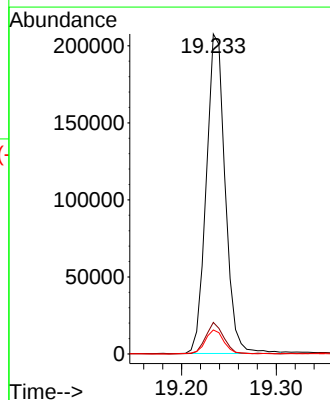
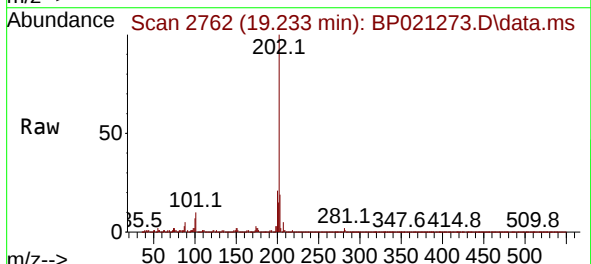
RT: 19.233 min Scan# 2762

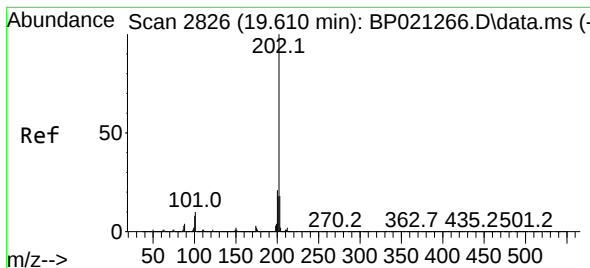
Delta R.T. 0.000 min

Lab File: BP021273.D

Acq: 31 Jul 2024 23:42

Tgt Ion:202	Resp: 286826
Ion Ratio	Lower Upper
202 100	
101 9.8	8.0 12.0
100 7.5	6.1 9.1





#82

Pyrene

Concen: 2.638 ng/u1

RT: 19.616 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021273.D

Acq: 31 Jul 2024 23:42

Instrument :

BNA_P

ClientSampleId :

A4CL9

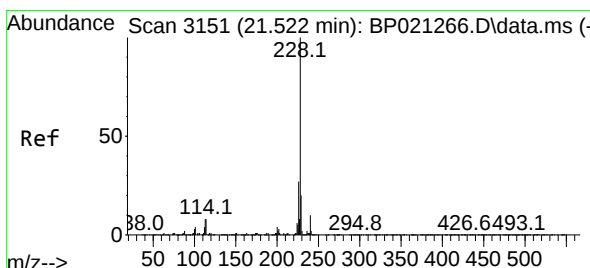
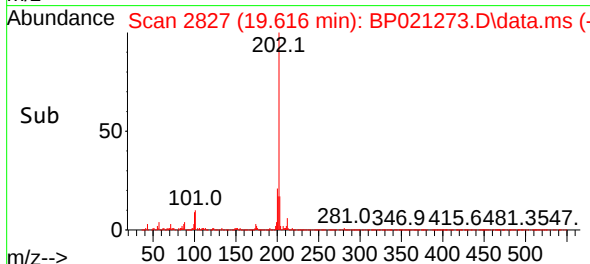
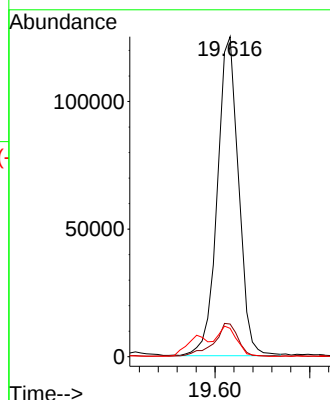
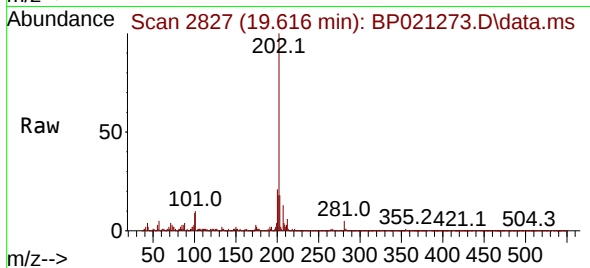
Tgt Ion:	202	Resp:	19509
Ion Ratio	Lower	Upper	
202	100		
101	10.2	9.4	14.2
100	8.8	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 1.680 ng/u1

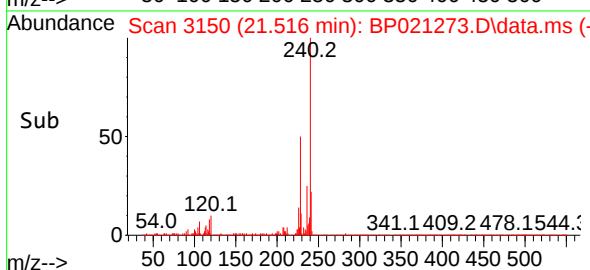
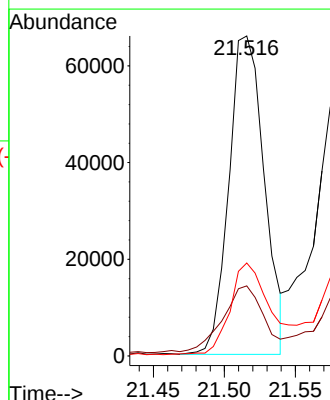
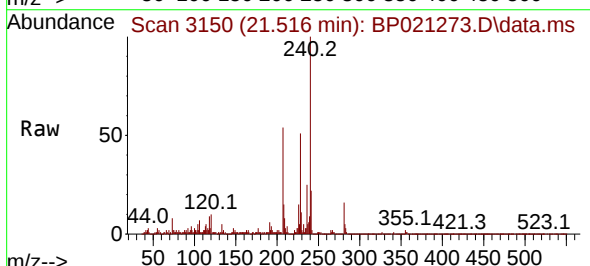
RT: 21.516 min Scan# 3150

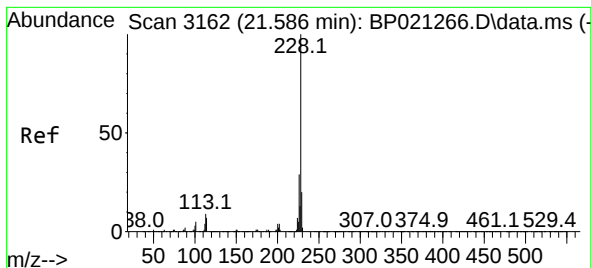
Delta R.T. 0.006 min

Lab File: BP021273.D

Acq: 31 Jul 2024 23:42

Tgt Ion:	228	Resp:	114503
Ion Ratio	Lower	Upper	
228	100		
229	21.9	15.5	23.3
226	29.1	21.4	32.2





#87

Chrysene

Concen: 1.888 ng/ul

RT: 21.580 min Scan# 3162

Delta R.T. -0.005 min

Lab File: BP021273.D

Acq: 31 Jul 2024 23:42

Instrument :

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A4CL9

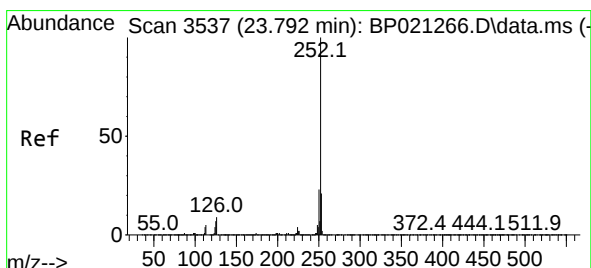
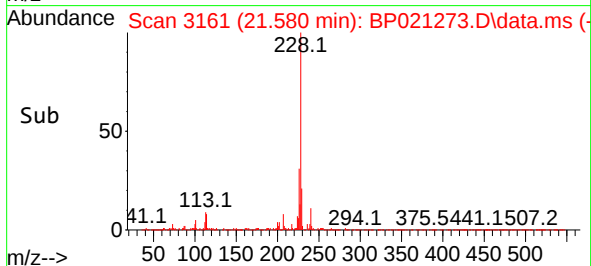
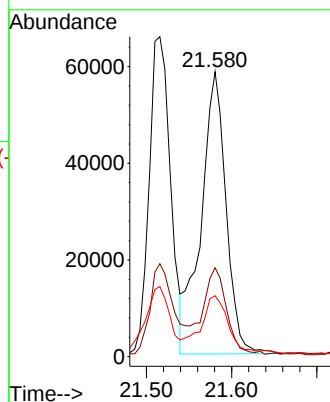
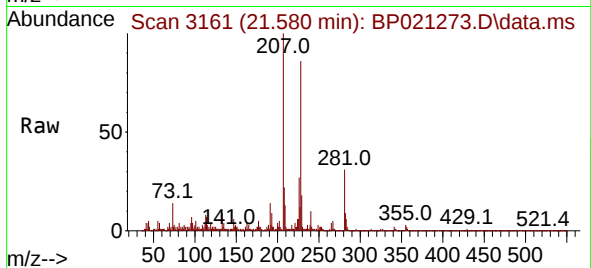
Tgt Ion:228 Resp: 11959
 Ion Ratio Lower Upper
 228 100
 226 31.2 23.6 35.4
 229 21.4 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 2.122 ng/ul

RT: 23.804 min Scan# 3539

Delta R.T. 0.018 min

Lab File: BP021273.D

Acq: 31 Jul 2024 23:42

Tgt Ion:252 Resp: 126744
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.1 25.7
 125 8.5 7.0 10.4

