

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023529.D
 Acq On : 19 Dec 2024 15:59
 Operator : RC/JU
 Sample : P5265-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Y7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 16:59:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	187384	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.269	136	749060	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.134	164	555267	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.940	188	1274186	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.363	240	1477559	20.000	ng/u1	#-0.02
88) Perylene-d12	24.522	264	1507424	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	12469	2.450	ng/uL	-0.02
4) Pyridine-d5	3.529	84	38052	2.907	ng/u1	0.01
7) Phenol-d5	6.746	99	260634	17.727	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	175843	18.957	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.075	132	187906	17.316	ng/u1	-0.01
15) 4-Methylphenol-d8	8.252	113	187385	15.791	ng/u1	0.00
21) Nitrobenzene-d5	8.675	128	84981	15.193	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.381	143	100218	15.546	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.940	165	200910	14.766	ng/u1	0.00
31) 4-Chloroaniline-d4	10.452	131	116729	7.658	ng/u1	0.01
46) Dimethylphthalate-d6	13.546	166	747389	17.339	ng/u1	-0.01
49) Acenaphthylene-d8	13.828	160	739990	16.275	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	77877m	14.743	ng/u1	0.05
60) Fluorene-d10	15.157	176	602800	15.899	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	83603	10.857	ng/u1	0.01
73) Anthracene-d10	17.040	188	978288	16.823	ng/u1	-0.01
81) Pyrene-d10	19.428	212	1047738	13.572	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.316	264	742604	9.203	ng/u1	-0.03
Target Compounds						
8) Phenol	6.769	94	39358	2.571	ng/u1	94
16) Acetophenone	8.352	105	91280	4.570	ng/u1	100
72) Phenanthrene	16.987	178	72579	1.102	ng/u1	98
80) Fluoranthene	19.087	202	145902	1.649	ng/u1#	90
82) Pyrene	19.463	202	106741	1.137	ng/u1#	89

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

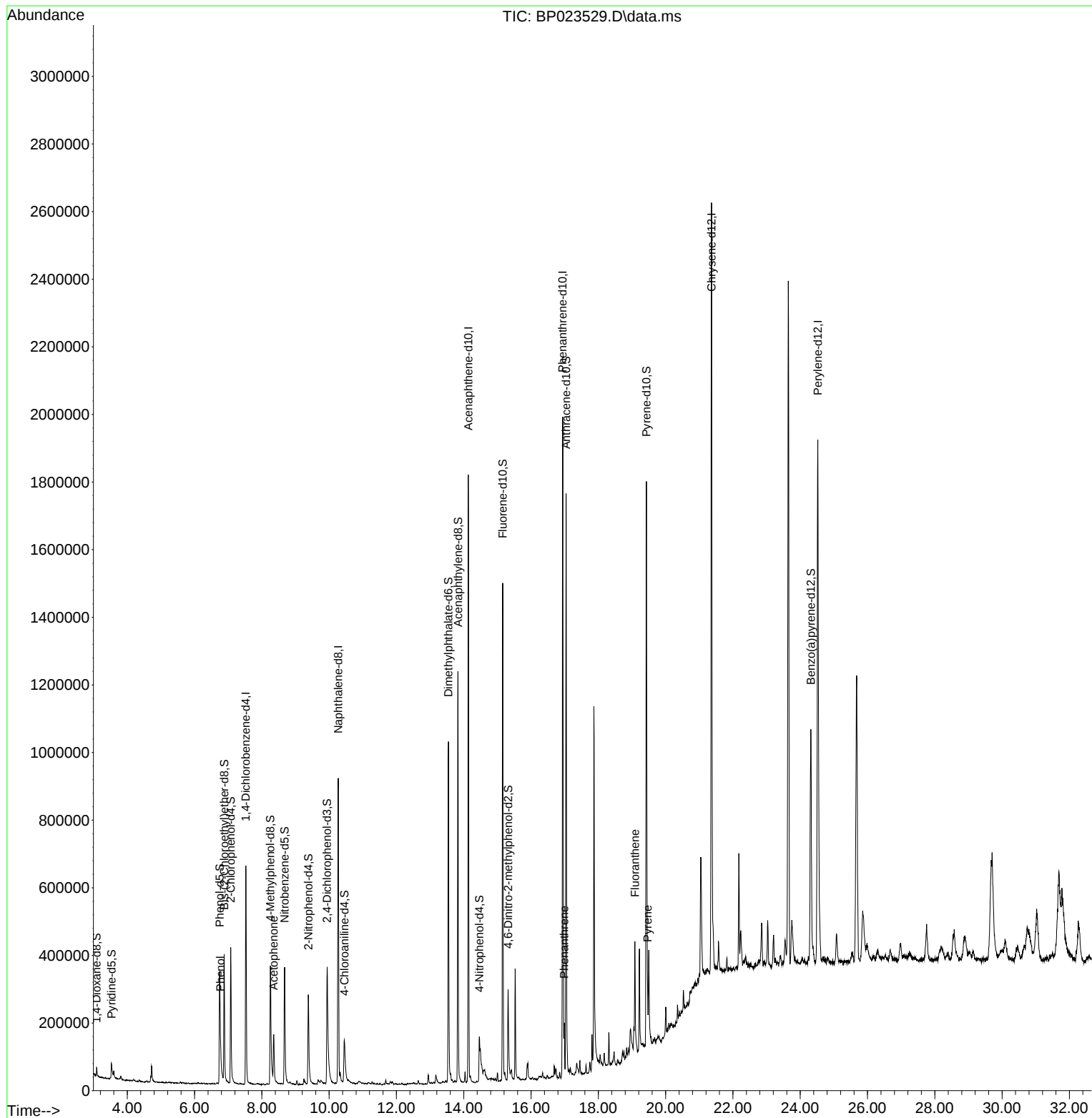
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023529.D
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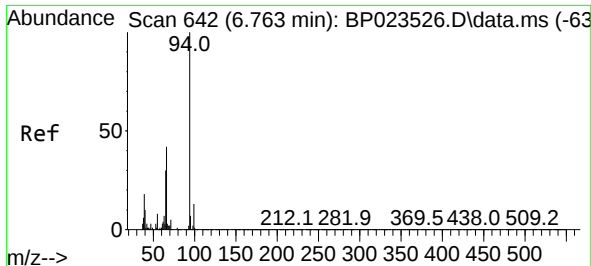
Instrument :
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#8

Phenol

Concen: 2.571 ng/ul

RT: 6.769 min Scan# 642

Delta R.T. -0.006 min

Lab File: BP023529.D

Acq: 19 Dec 2024 15:59

Instrument :

BNA_P

ClientSampleId :

E28Y7

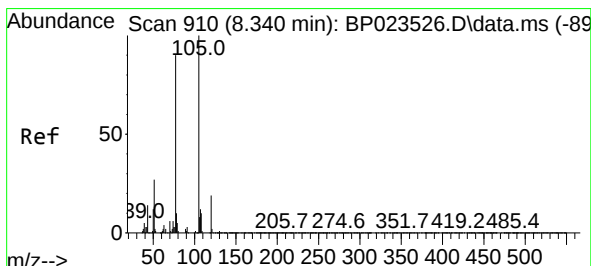
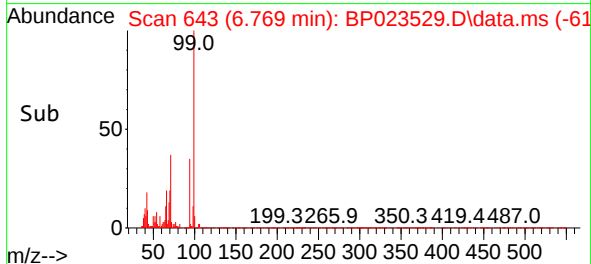
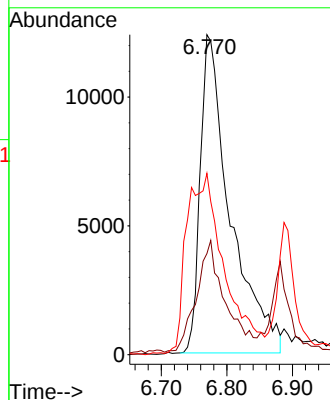
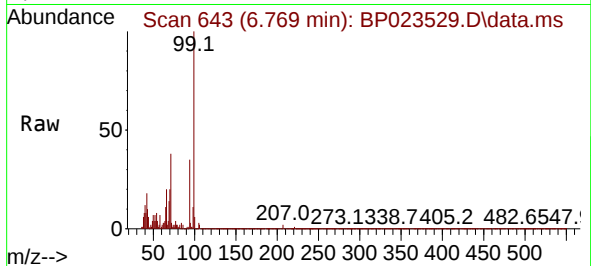
Tgt Ion: 94	Resp: 3935
Ion Ratio	Lower Upper
94 100	
65 31.6	28.0 42.0
66 56.7	42.0 63.0

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#16

Acetophenone

Concen: 4.570 ng/ul

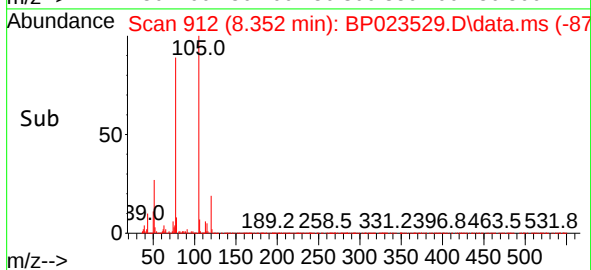
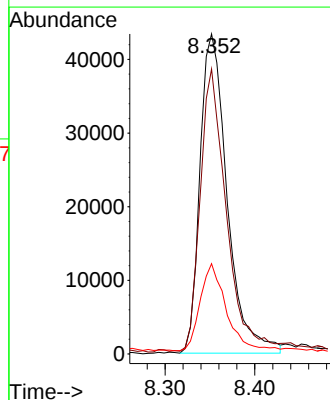
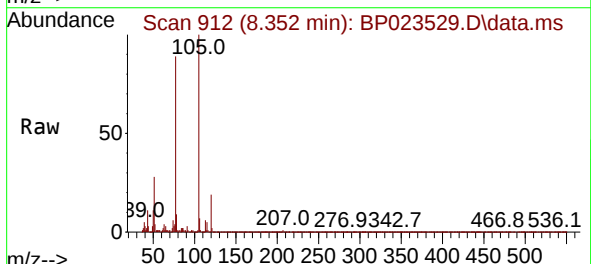
RT: 8.352 min Scan# 912

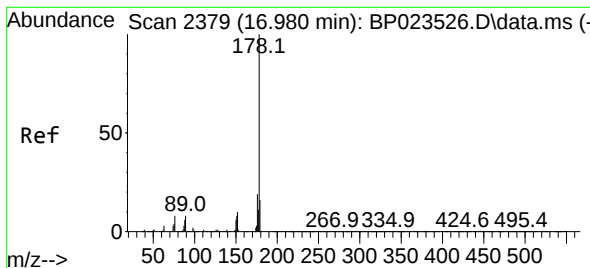
Delta R.T. -0.006 min

Lab File: BP023529.D

Acq: 19 Dec 2024 15:59

Tgt Ion:105	Resp: 91280
Ion Ratio	Lower Upper
105 100	
77 89.1	71.2 106.8
51 28.2	22.9 34.3





#72

Phenanthrene

Concen: 1.102 ng/ul

RT: 16.987 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP023529.D

Acq: 19 Dec 2024 15:59

Instrument :

BNA_P

ClientSampleId :

E28Y7

Tgt Ion:178 Resp: 72579

Ion Ratio Lower Upper

178 100

179 16.3 12.1 18.1

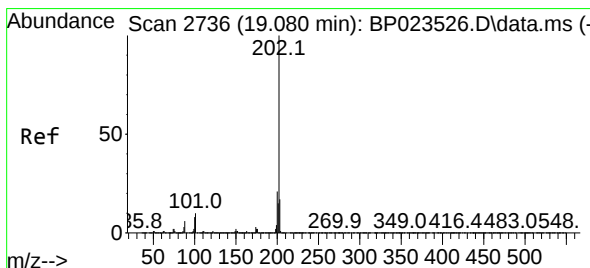
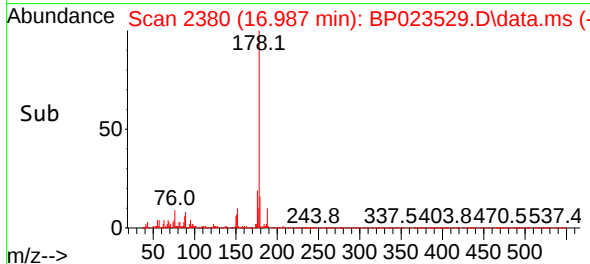
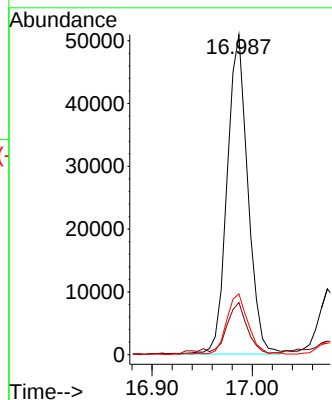
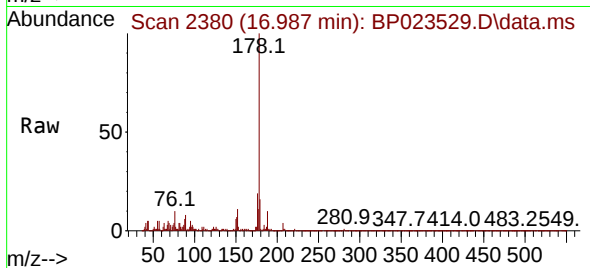
176 19.0 15.4 23.0

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#80

Fluoranthene

Concen: 1.649 ng/ul

RT: 19.087 min Scan# 2737

Delta R.T. -0.012 min

Lab File: BP023529.D

Acq: 19 Dec 2024 15:59

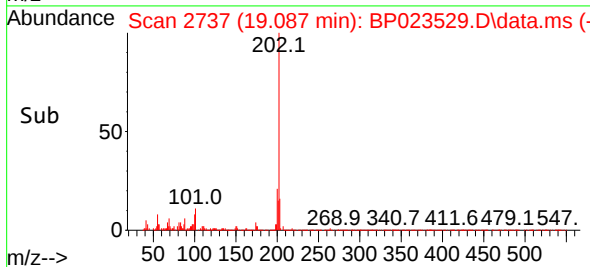
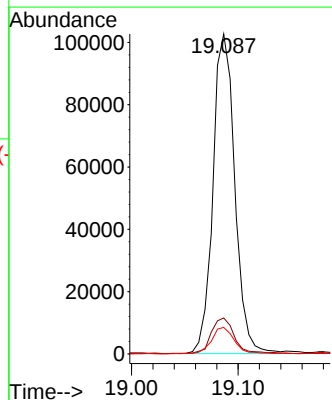
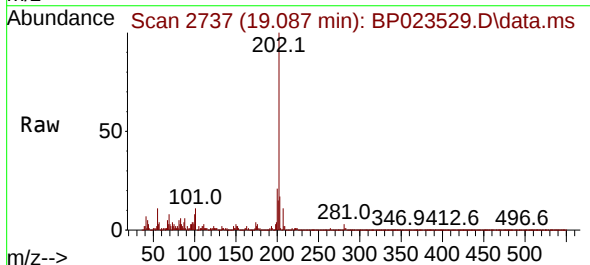
Tgt Ion:202 Resp: 145902

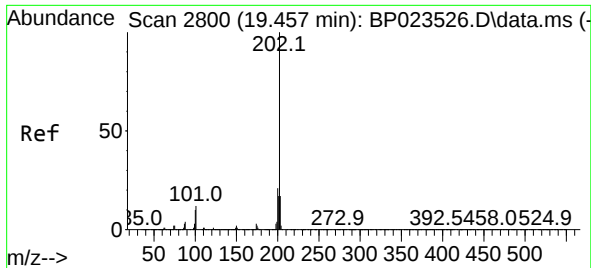
Ion Ratio Lower Upper

202 100

101 11.3 5.6 8.4#

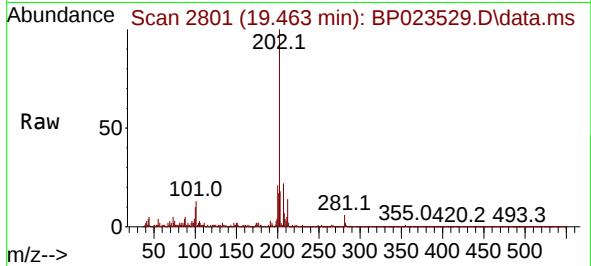
100 8.3 4.6 7.0#





#82
 Pyrene
 Concen: 1.137 ng/ul
 RT: 19.463 min Scan# 2801
 Delta R.T. -0.012 min
 Lab File: BP023529.D
 Acq: 19 Dec 2024 15:59

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 202 Resp: 10674
 Ion Ratio Lower Upper
 202 100
 101 13.4 6.7 10.1
 100 9.9 5.8 8.8

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