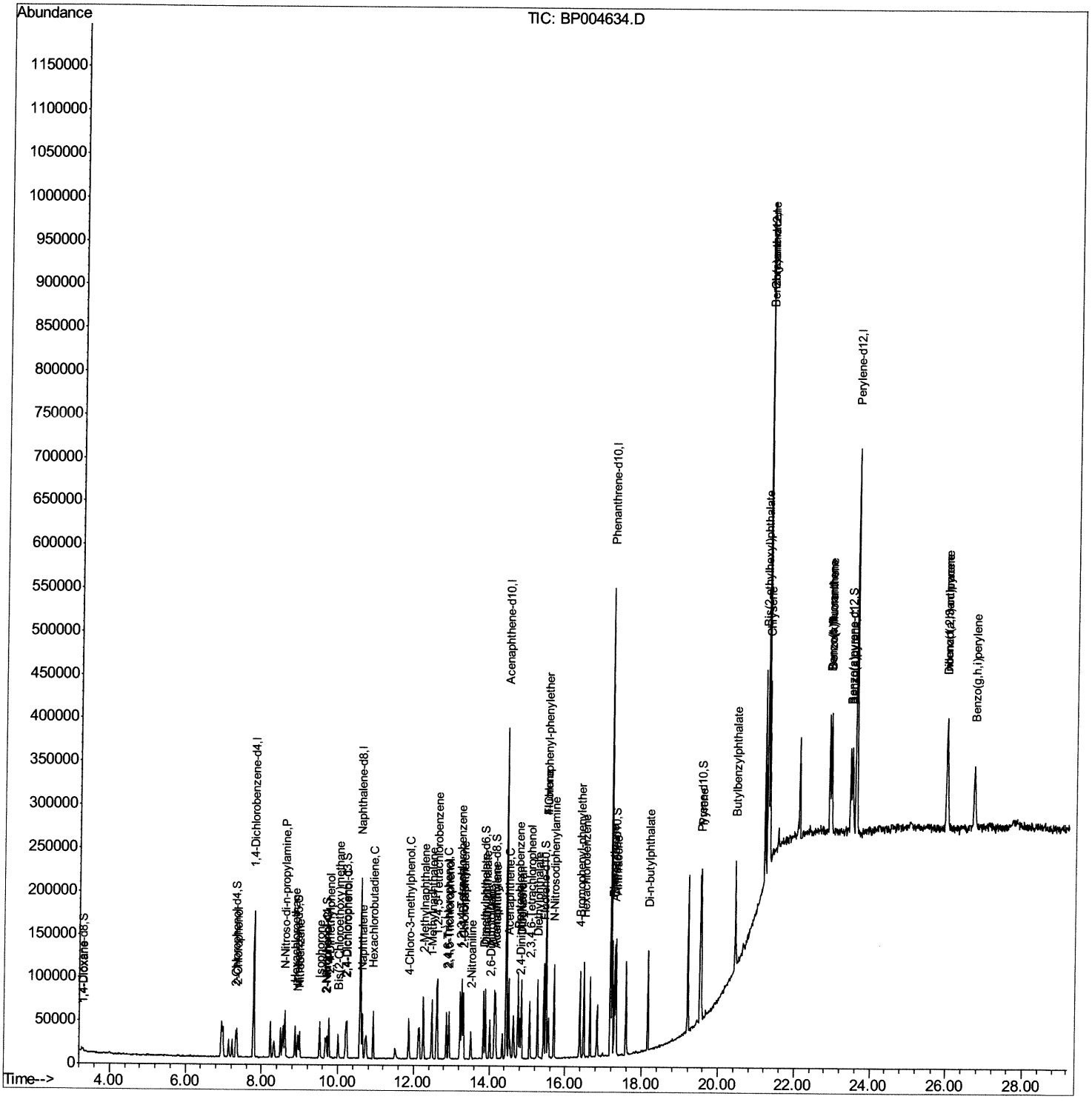
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012721\
Data File : BP004634.D
Acq On : 26 Jan 2021 16:25
Operator : CG/JU
Sample : SSTD00577
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 27 04:48:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP012721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 27 04:11:03 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD00577

Manual Integrations APPROVED
mohammad
1/28/2021 11:45:05 AM



Quantitation Report (Qedit)

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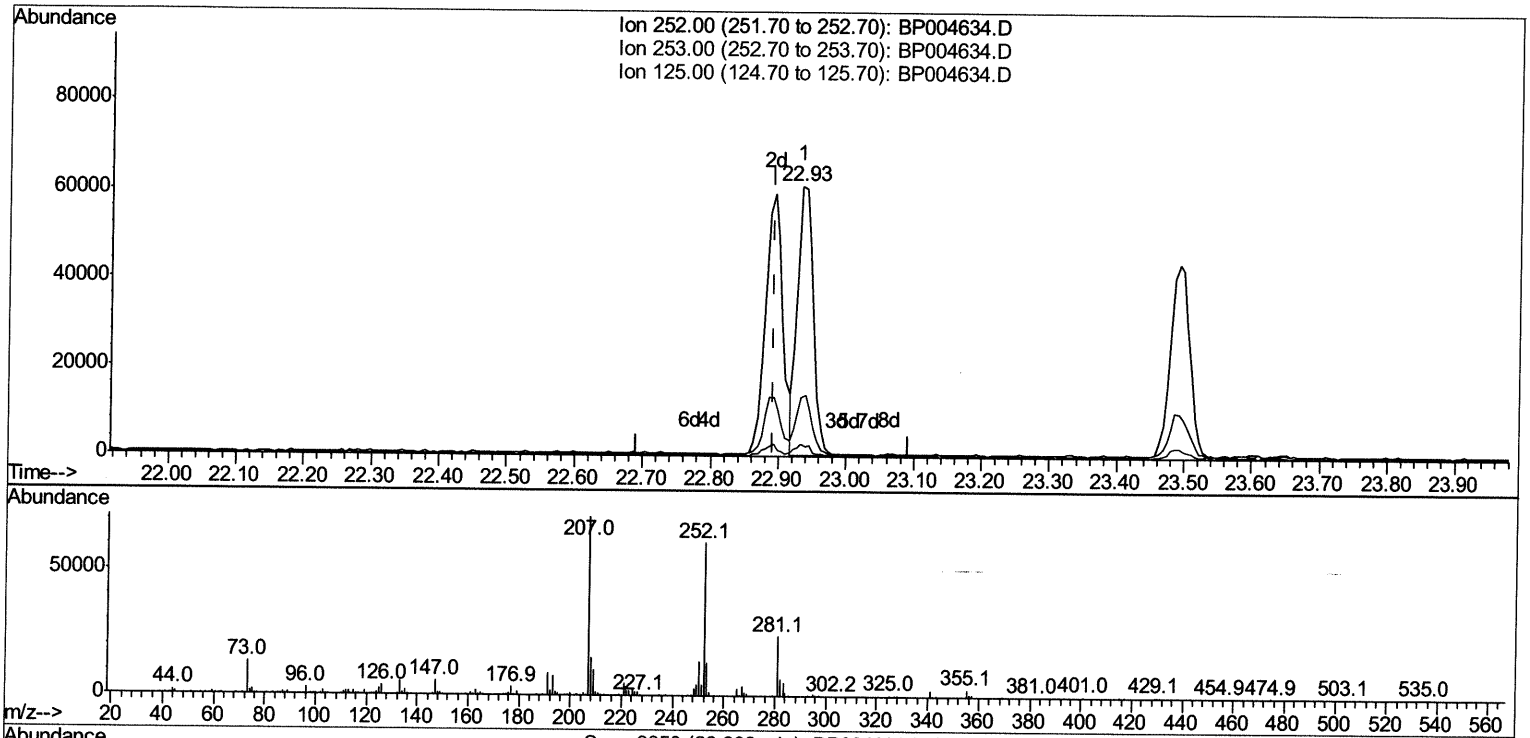

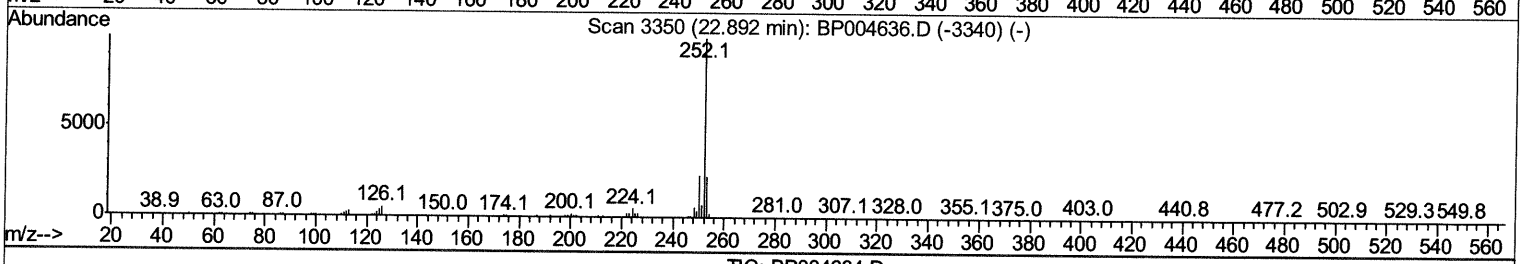

TIC: BP004634.D

(88) Benzo(b)fluoranthene

22.933min (+0.042) 4.61ng/ul

response 99715

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	21.93
125.00	3.70	4.40
0.00	0.00	0.00

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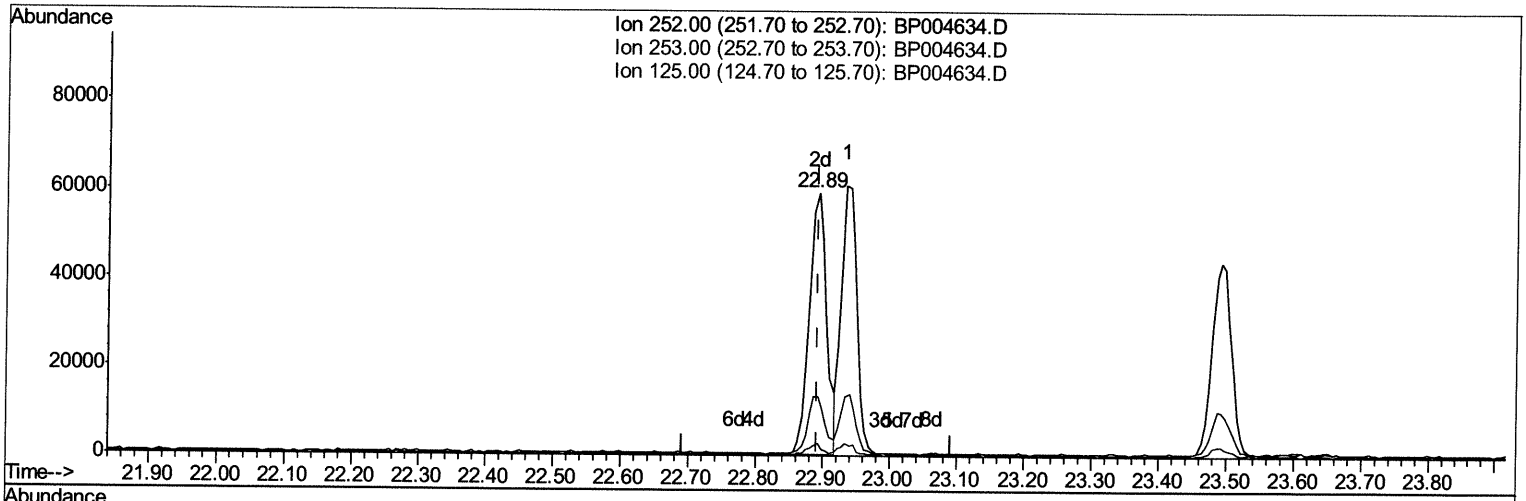
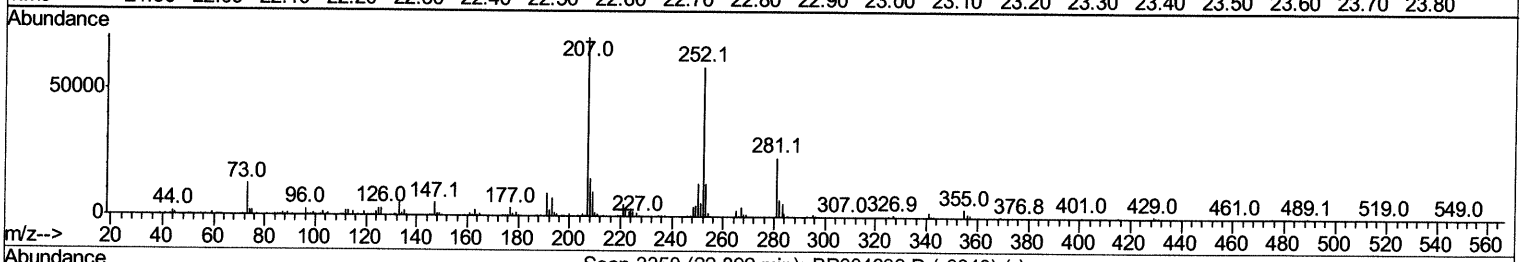
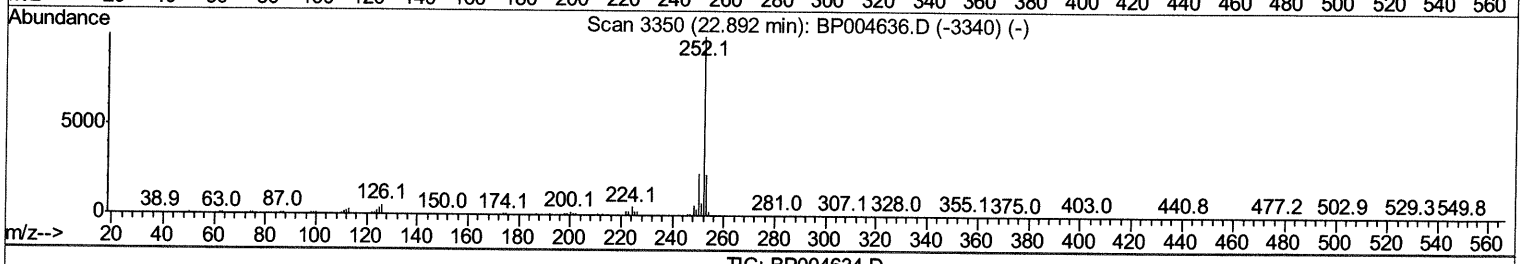
1/28/2021 11:45:05 AM







TIC: BP004634.D

(88) Benzo(b)fluoranthene

22.892min (+0.001) 4.85ng/ul m 01/28/21 JU

response 104947

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	22.30
125.00	3.70	4.85#
0.00	0.00	0.00

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Instrument :
BNA_P
ClientSampleId :
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Manual Integrations APPROVED
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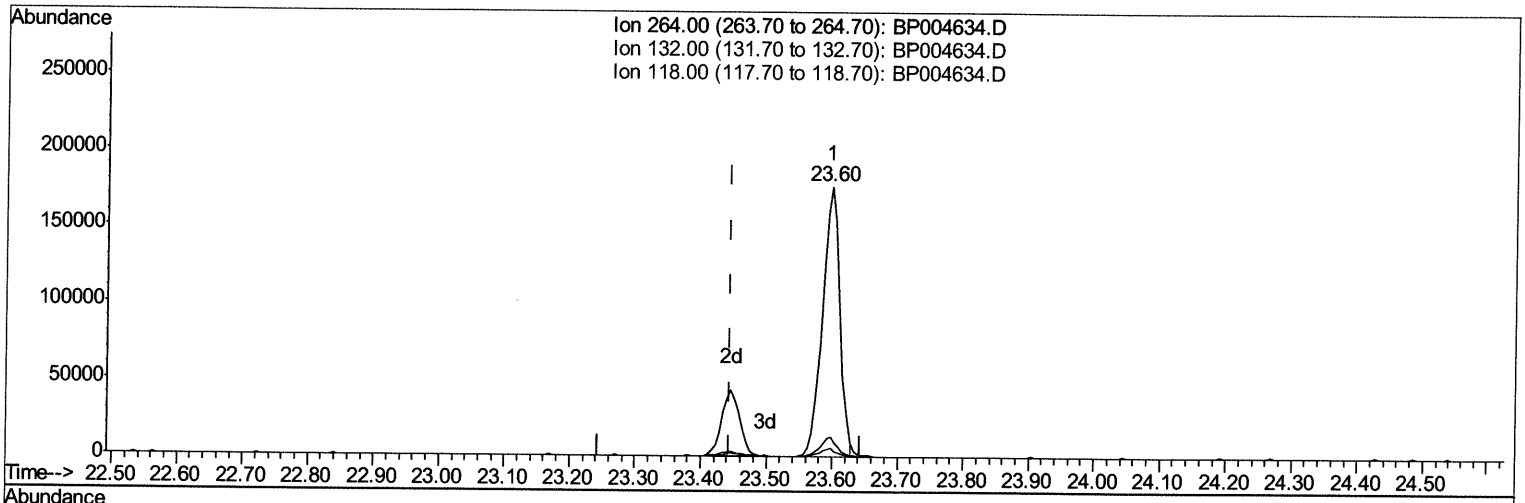

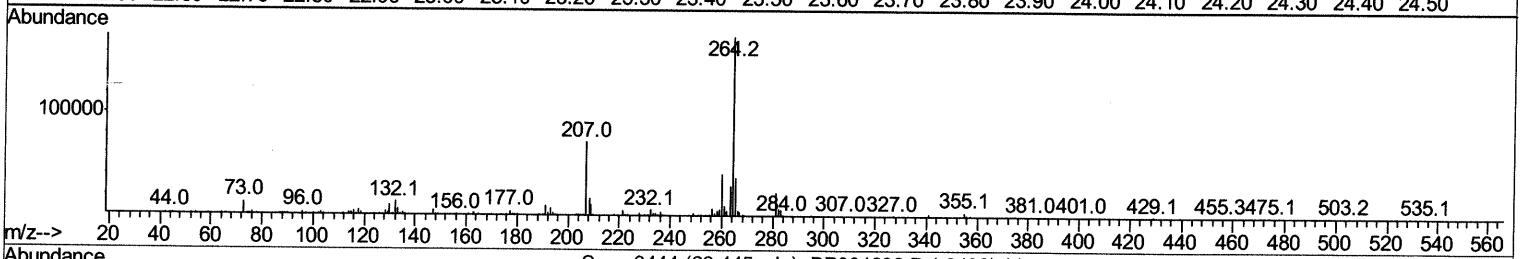

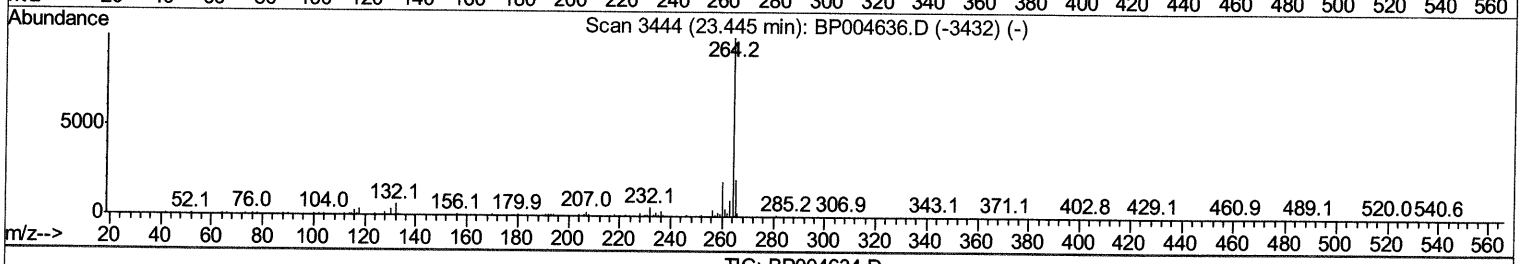

TIC: BP004634.D

(90) Benzo(a)pyrene-d12 (S)

23.598min (+0.153) 18.05ng/ul

response 329870

Ion	Exp%	Act%
264.00	100	100
132.00	6.20	7.30
118.00	3.70	2.97
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTD00577
Misc :
ALS Vial : 2 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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Manual Integrations APPROVED
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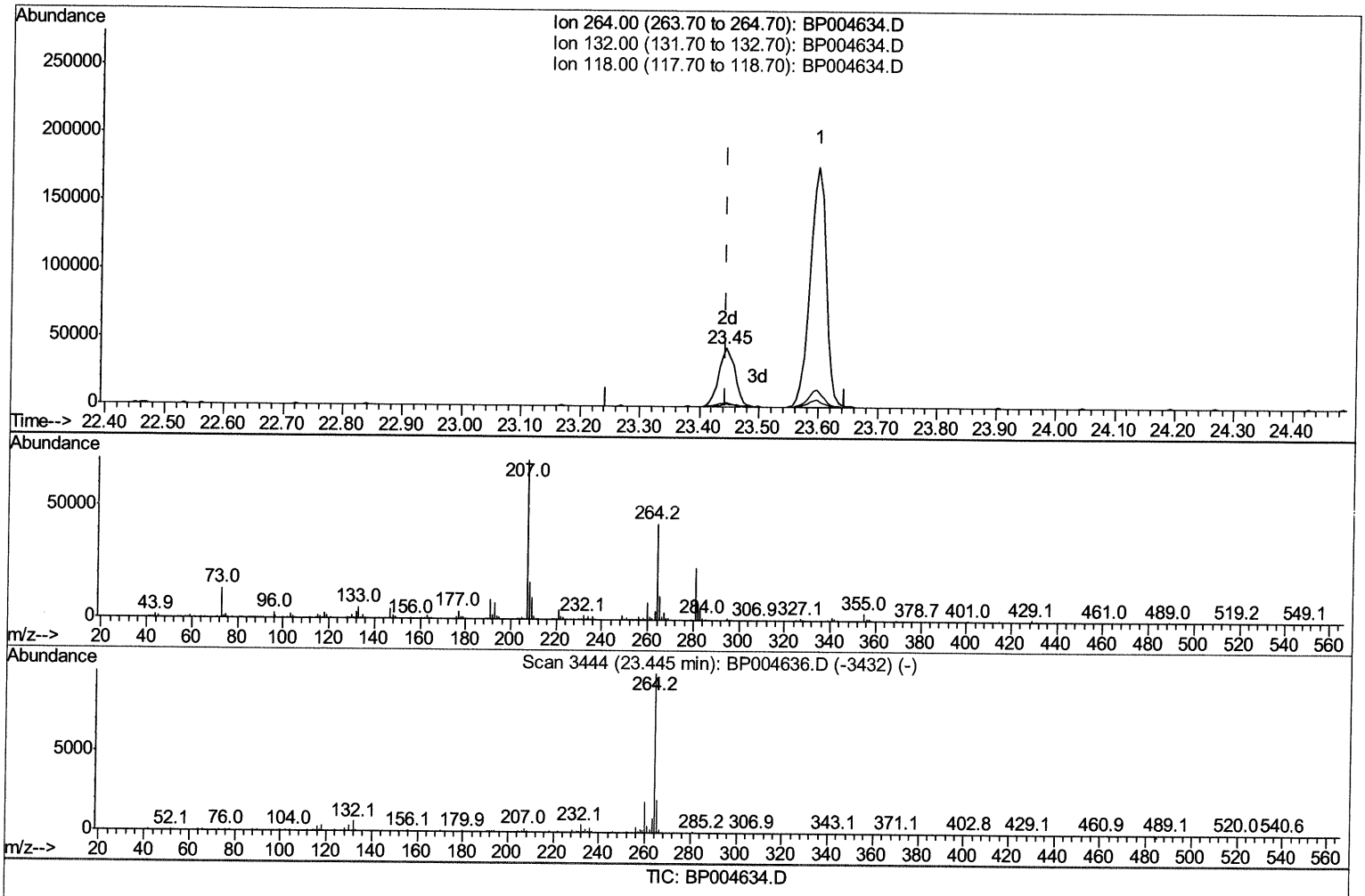

(90) Benzo(a)pyrene-d12 (S)

23.445min (+0.001) 4.56ng/ul m 01/28/21 JU

response 83334

Ion	Exp%	Act%
264.00	100	100
132.00	6.20	7.35
118.00	3.70	5.51#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	41697	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	143804	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	123989	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	313874	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	352816	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	331793	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	1597	1.59	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.32	132	10390	3.51	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.95	128	4678	3.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	5997	4.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	13191	5.24	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.85	166	45389	4.57	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	52518	4.26	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.43	176	41586	4.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.29	188	69001	4.45	ng/ul	0.00
79) Pyrene-d10	19.53	212	85159	4.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	83334m >	4.56	ng/ul >	0.00 01/28/21 JU
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	1677	1.637	ng/uL	95
10) 2-Chlorophenol	7.35	128	11090	3.746	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.60	70	9647	4.512	ng/ul#	86
17) Hexachloroethane	8.87	117	5107	4.016	ng/ul	91
20) Nitrobenzene	8.99	77	14747	5.145	ng/ul	98
21) Isophorone	9.52	82	26181	4.888	ng/ul	95
23) 2-Nitrophenol	9.70	139	6048	4.269	ng/ul#	90
24) 2,4-Dimethylphenol	9.76	107	15098	5.660	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.00	93	15146	4.527	ng/ul	96
27) 2,4-Dichlorophenol	10.23	162	13538	5.586	ng/ul	98
28) Naphthalene	10.64	128	35254	4.364	ng/ul#	98
31) Hexachlorobutadiene	10.93	225	12167	7.053	ng/ul	93
33) 4-Chloro-3-methylphenol	11.87	107	13136	5.378	ng/ul	93
34) 2-Methylnaphthalene	12.25	142	29181	5.236	ng/ul	97
35) 1-Methylnaphthalene	12.47	142	29370	4.527	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	22834	5.171	ng/ul	97
39) 2,4,6-Trichlorophenol	12.86	196	12189	4.457	ng/ul	88
40) 2,4,5-Trichlorophenol	12.93	196	14017	4.853	ng/ul	95
41) 1,1'-Biphenyl	13.27	154	43491	4.294	ng/ul	99
42) 2-Chloronaphthalene	13.31	162	35212	4.357	ng/ul	96
43) 2-Nitroaniline	13.51	65	8428	4.120	ng/ul	93
45) Dimethylphthalate	13.90	163	47716	4.799	ng/ul	100
46) 2,6-Dinitrotoluene	14.01	165	8692	4.195	ng/ul	100

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1/28/2021 11:45:05 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) Acenaphthylene	14.16	152	48933	4.064 ng/ul	97
50) Acenaphthene	14.50	153	36053	4.274 ng/ul	99
54) Dibenzofuran	14.84	168	56990	4.798 ng/ul	93
55) 2,4-Dinitrotoluene	14.80	165	12037	4.051 ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.06	232	13630	5.334 ng/ul	94
57) Diethylphthalate	15.27	149	44028	4.502 ng/ul	98
59) Fluorene	15.49	166	46735	4.856 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.49	204	28713	5.577 ng/ul	96
65) N-Nitrosodiphenylamine	15.70	169	40527	4.298 ng/ul	94
66) 4-Bromophenyl-phenylether	16.39	248	18877	4.968 ng/ul	94
67) Hexachlorobenzene	16.49	284	21948	4.978 ng/ul	97
70) Phenanthrene	17.23	178	81525	4.473 ng/ul	99
72) Anthracene	17.33	178	82745	4.533 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	23366	4.598 ng/uL	100
74) Pentachlorobenzene	14.76	250	25283	5.023 ng/uL	98
76) Di-n-butylphthalate	18.16	149	71266	3.759 ng/ul	98
80) Pyrene	19.56	202	107780	4.486 ng/ul	99
81) Butylbenzylphthalate	20.44	149	30078	3.279 ng/ul	96
83) Benzo(a)anthracene	21.26	228	106437	4.476 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	46528	3.429 ng/ul	98
85) Chrysene	21.31	228	103373	4.503 ng/ul	98
88) Benzo(b)fluoranthene	22.89	252	104947m >	4.849 ng/ul >	98
89) Benzo(k)fluoranthene	22.93	252	99653	4.746 ng/ul	98
91) Benzo(a)pyrene	23.49	252	86311	4.324 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.98	276	112812	4.473 ng/ul	97
93) Dibenzo(a,h)anthracene	25.99	278	95613	4.552 ng/ul	97
94) Benzo(g,h,i)perylene	26.71	276	96024	4.538 ng/ul	96

01/28/21 JU

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