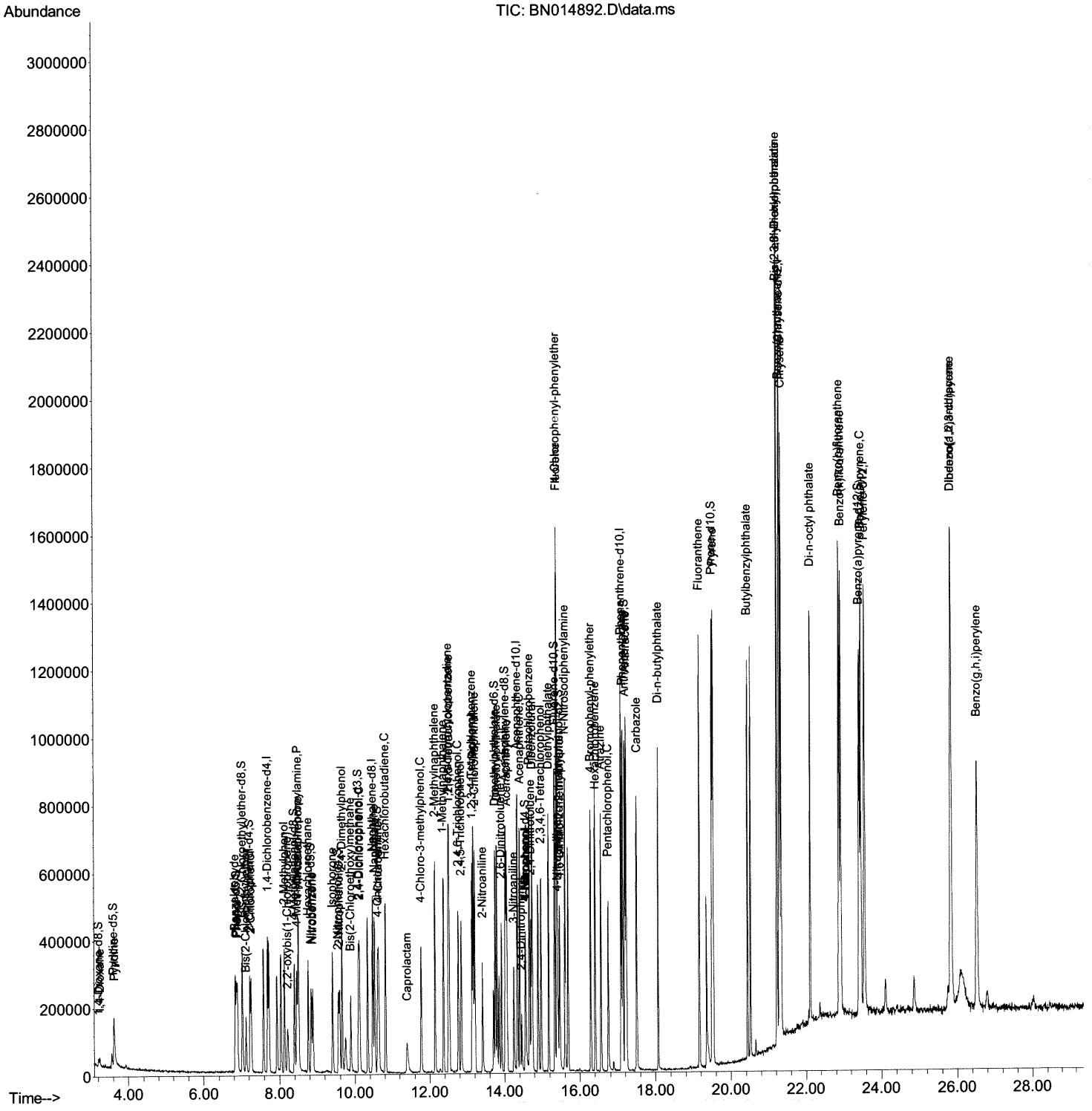
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014892.D
Acq On : 12 Jun 2021 13:36
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 14 02:39:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 02:36:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SICV059

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:33 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014892.D
Acq On : 12 Jun 2021 13:36
Operator : CG/JU
Sample : SSTDICV020
Misc :
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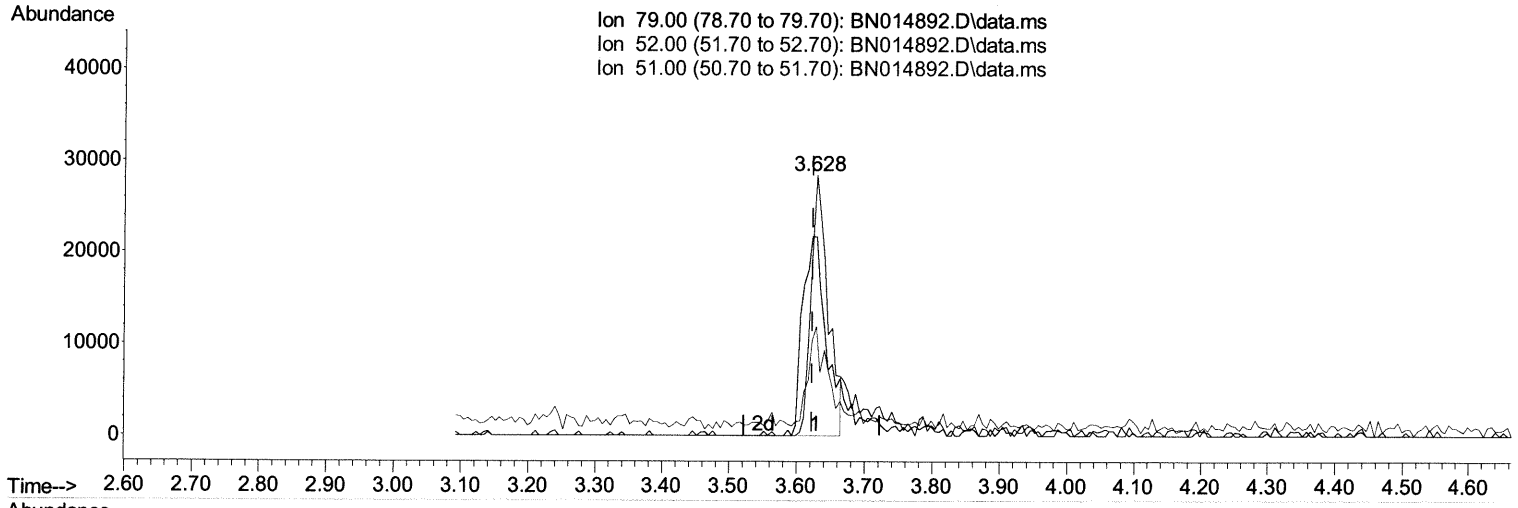

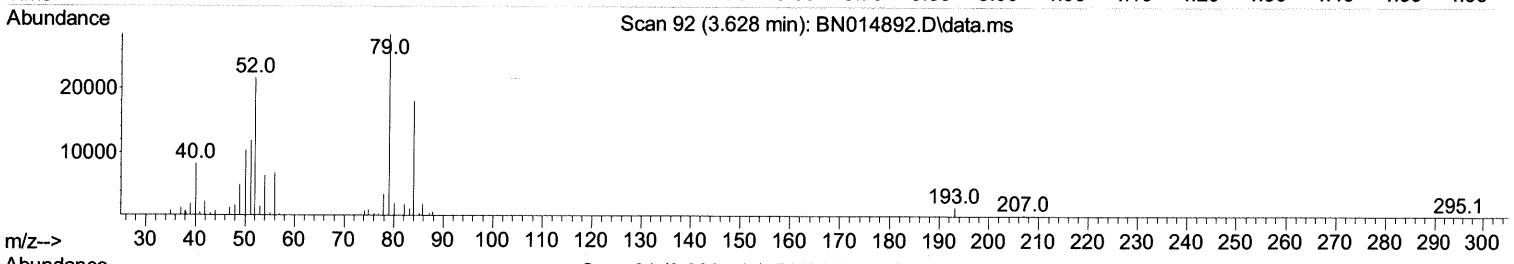

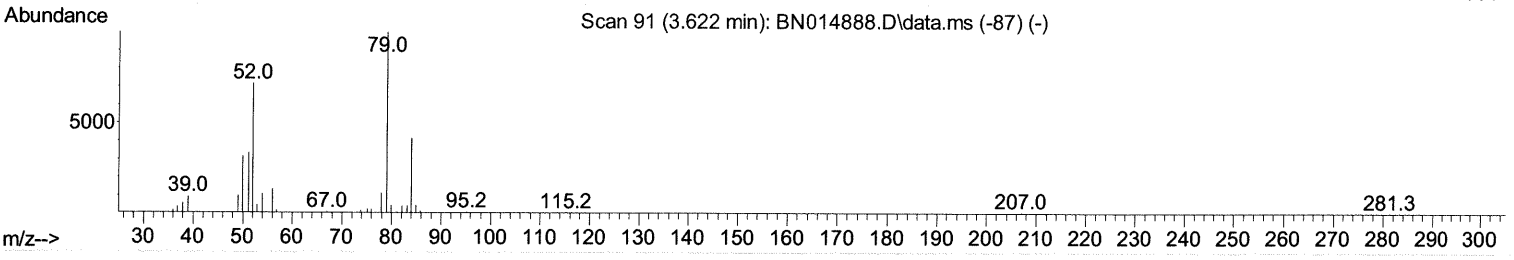

TIC: BN014892.D\data.ms

(5) Pyridine

3.628min (+ 0.006) 11.53 ng/ul

response 49357

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	57.40	76.25#
51.00	27.80	41.87#
0.00	0.00	0.00

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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 02:36:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SICV059

Manual Integrations APPROVED
mohammad
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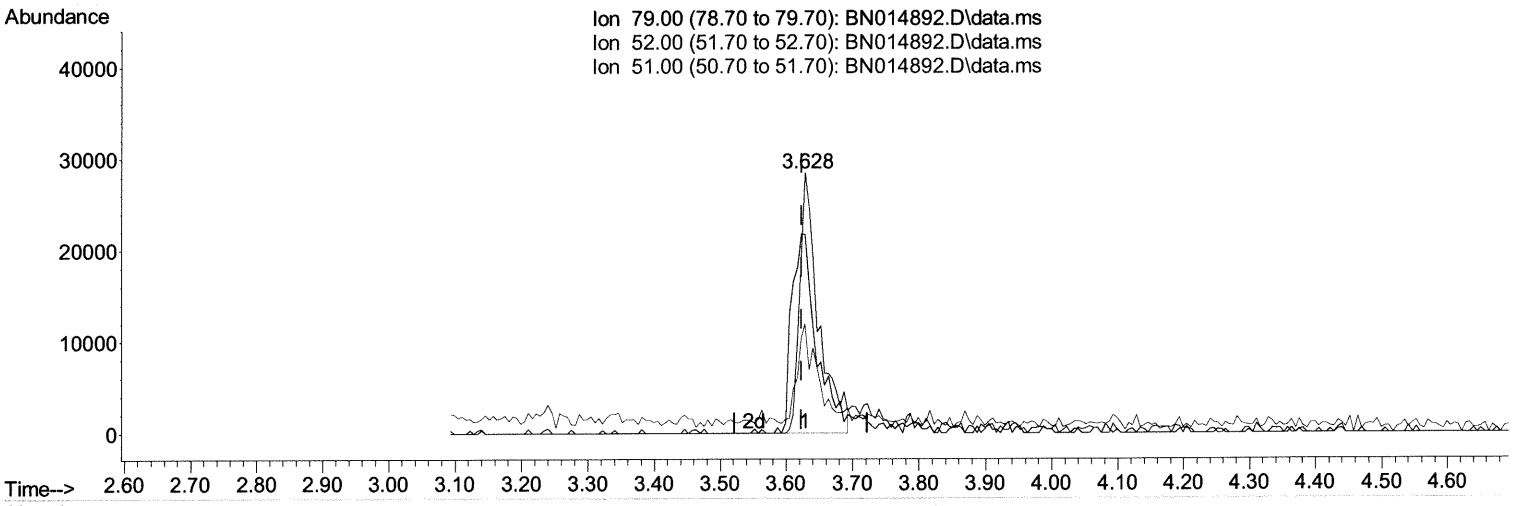

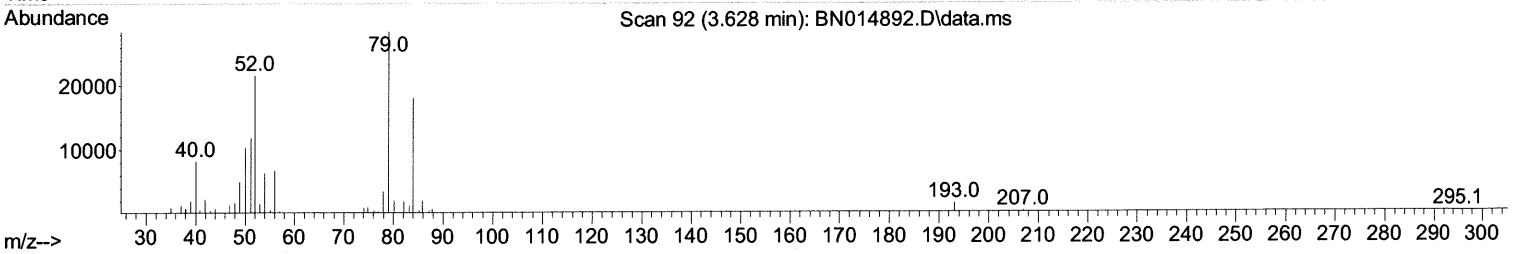

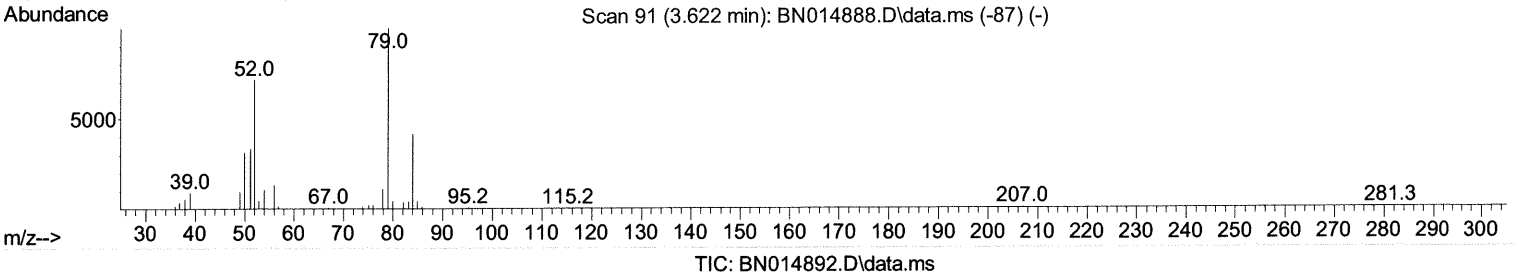

TIC: BN014892.D\data.ms

(5) Pyridine

3.628min (+ 0.006) 13.23 ng/ul m 06/13/21 JU

response 56613

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	57.40	76.25#
51.00	27.80	41.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
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Acq On : 12 Jun 2021 13:36
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 14 02:39:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 02:36:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SICV059

Manual Integrations APPROVED
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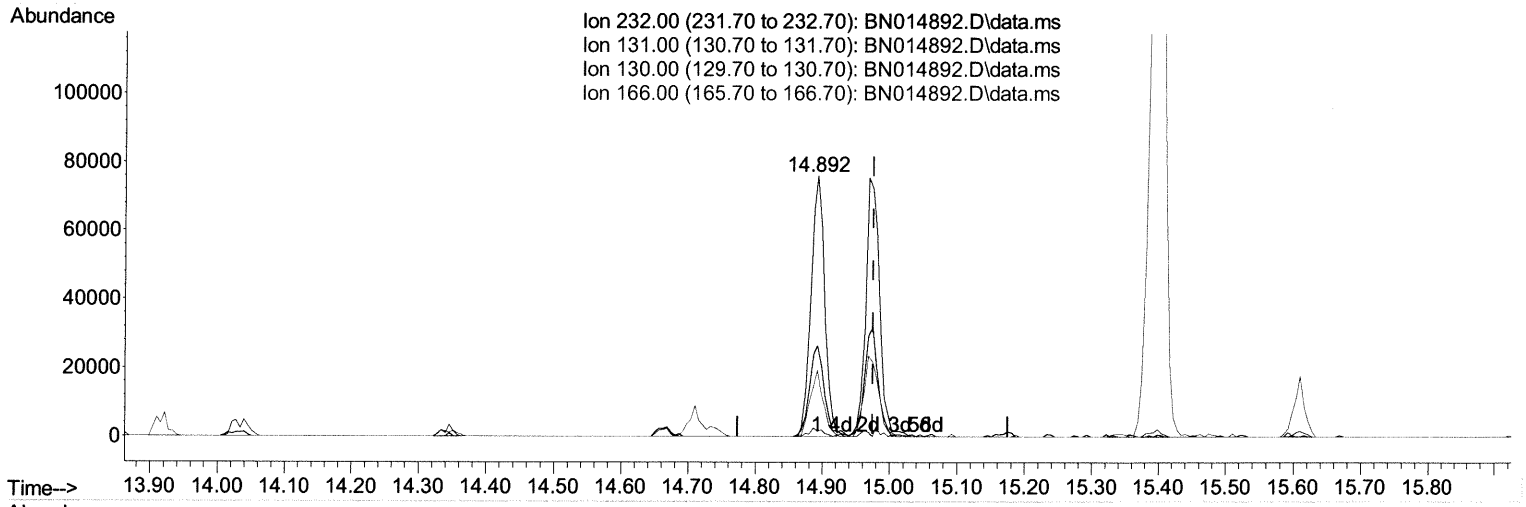

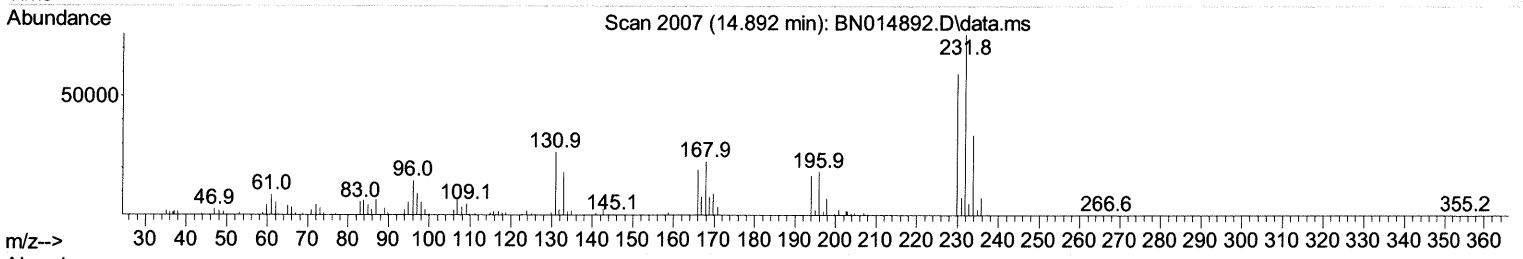

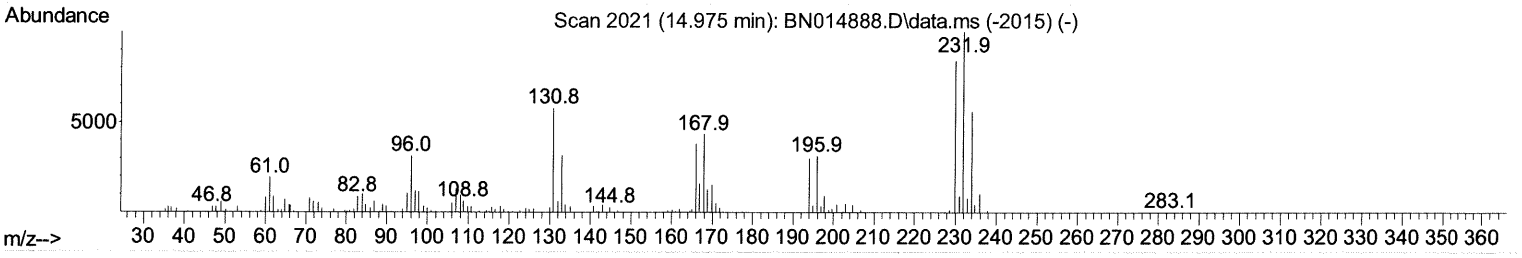

TIC: BN014892.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

14.892min (-0.083) 19.47 ng/ul

response 107867

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	34.80	34.90
130.00	2.10	2.08
166.00	25.70	25.34

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
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Acq On : 12 Jun 2021 13:36
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 14 02:39:11 2021
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_N
ClientSampleId :
SICV059

Manual Integrations APPROVED
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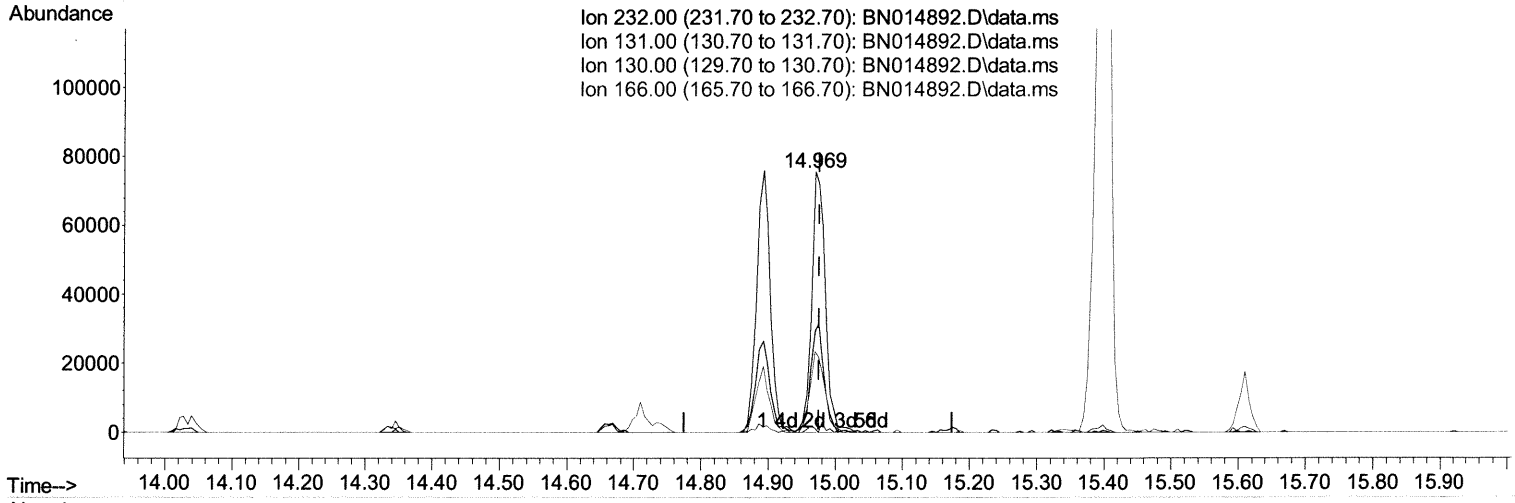

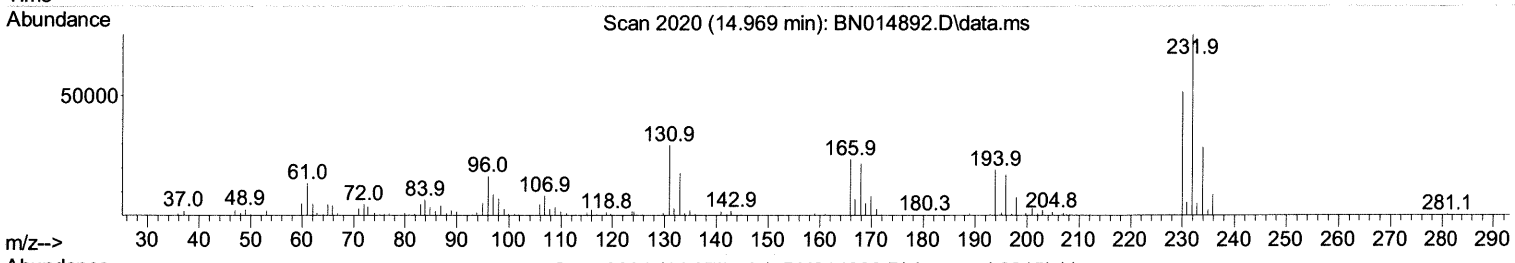

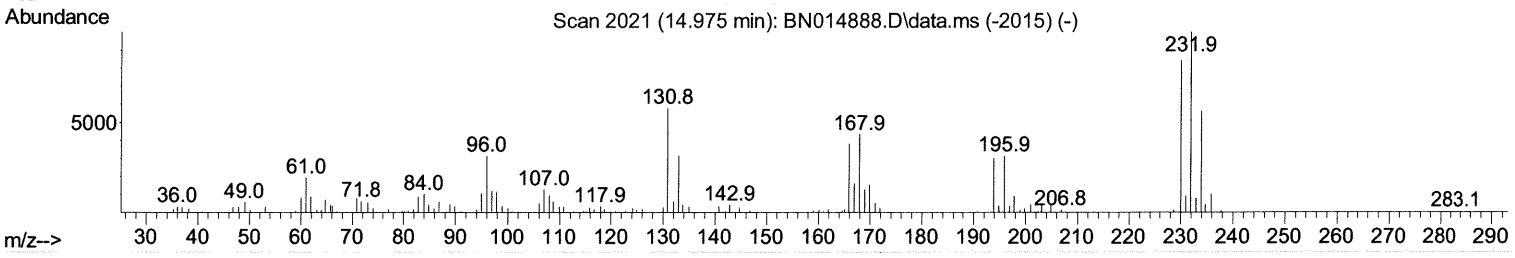

TIC: BN014892.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

14.969min (-0.006) 19.20 ng/ul m 06/13/21JU

response 106412

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	34.80	38.88
130.00	2.10	1.50#
166.00	25.70	31.07#

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014892.D
Acq On : 12 Jun 2021 13:36
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 14 02:39:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 02:36:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SICV059

Manual Integrations APPROVED
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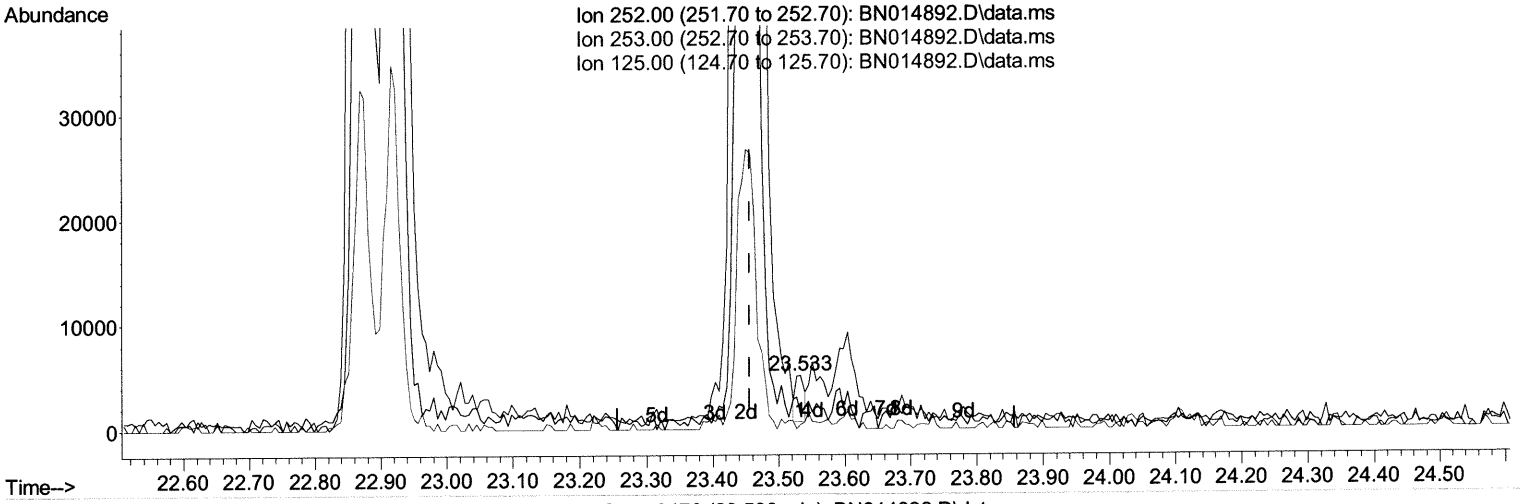

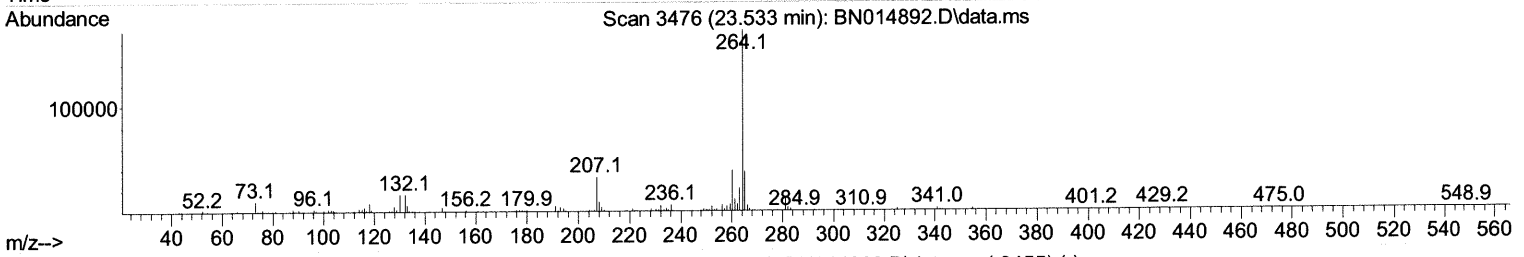

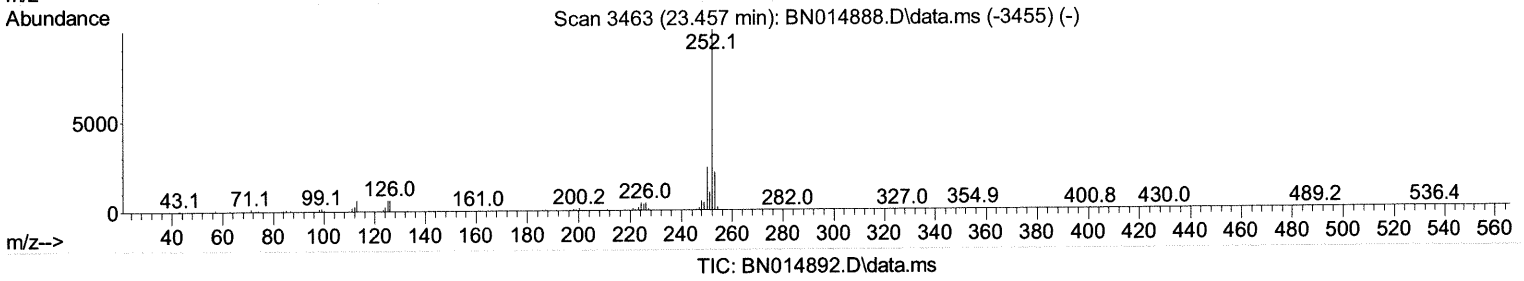

TIC: BN014892.D\data.ms

(93) Benzo(a)pyrene (C)

23.533min (+ 0.076) 0.09 ng/ul

response 4094

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.50	27.66
125.00	6.80	7.83
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 14 02:39:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_N
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SICV059

Manual Integrations APPROVED
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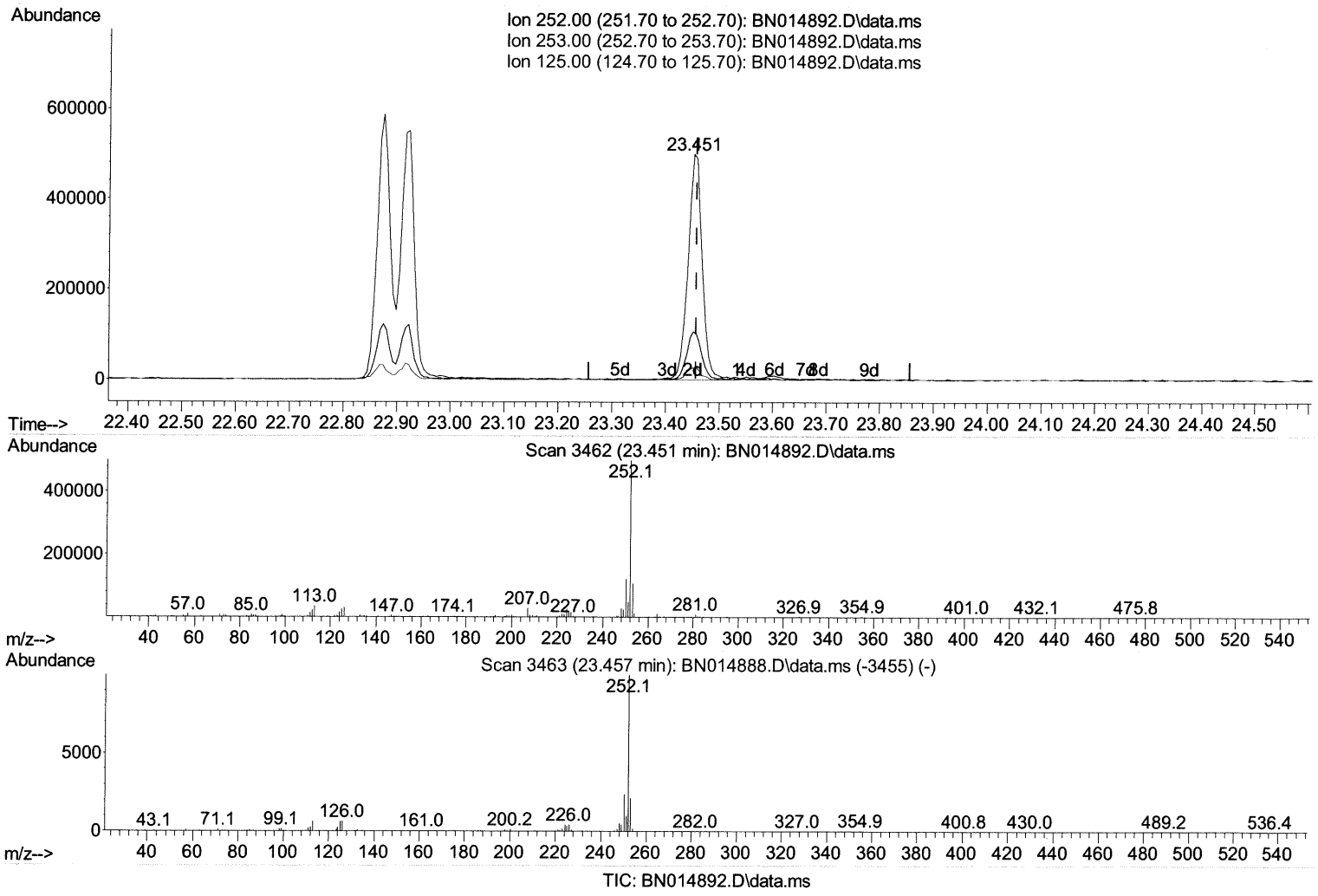

(93) Benzo(a)pyrene (C)

23.451min (-0.006) 20.53 ng/ul m 06/15/21 JU

response 941106

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.50	21.47
125.00	6.80	5.32#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	94347	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	363266	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.345	164	264580	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	622308	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	795817	20.000	ng/ul	0.00
88) Perylene-d12	23.551	264	868438	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	11964	6.743	ng/uL	0.00
4) Pyridine-d5	3.610	84	73831	17.890	ng/ul	0.00
7) Phenol-d5	6.863	99	122545	17.340	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	64658	19.312	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	94315	17.406	ng/ul	0.00
15) 4-Methylphenol-d8	8.398	113	98706	16.390	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	50904	18.674	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	55372	17.912	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	115149	18.500	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	123411	16.742	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	375317	17.844	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	428857	18.654	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	50861	17.214	ng/ul	0.00
60) Fluorene-d10	15.339	176	311599	18.160	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	62078	16.688	ng/ul	0.00
73) Anthracene-d10	17.192	188	500949	17.787	ng/ul	0.00
81) Pyrene-d10	19.498	212	665330	18.126	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	819325	18.878	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	14874	7.516	ng/uL#	92
5) Pyridine	3.628	79	56613m	> 13.225	ng/ul	> 06/15/21 JU
6) Benzaldehyde	6.834	77	96380	27.136	ng/ul#	80
8) Phenol	6.893	94	123247	17.577	ng/ul#	82
10) Bis(2-Chloroethyl)ether	7.116	93	95905	18.126	ng/ul	96
12) 2-Chlorophenol	7.257	128	96627	16.785	ng/ul	97
13) 2-Methylphenol	8.134	108	99955	18.000	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.210	45	59878	17.393	ng/ul#	85
16) Acetophenone	8.504	105	182255	18.807	ng/ul#	96
17) N-Nitroso-di-n-propyla...	8.493	70	83000	18.121	ng/ul#	88
18) 4-Methylphenol	8.463	108	103823	17.378	ng/ul	95
19) Hexachloroethane	8.763	117	57752	19.334	ng/ul#	90
22) Nitrobenzene	8.881	77	132214	18.183	ng/ul#	91
23) Isophorone	9.404	82	223692	17.057	ng/ul#	94
25) 2-Nitrophenol	9.592	139	61732	19.720	ng/ul	88
26) 2,4-Dimethylphenol	9.657	107	152169	18.075	ng/ul#	93
27) Bis(2-Chloroethoxy)met...	9.892	93	129354	18.035	ng/ul#	97
29) 2,4-Dichlorophenol	10.128	162	108311	18.302	ng/ul	94
30) Naphthalene	10.522	128	325863	17.874	ng/ul	98
32) 4-Chloroaniline	10.634	127	130554	17.937	ng/ul#	87
33) Hexachlorobutadiene	10.816	225	101835	17.445	ng/ul	95
34) Caprolactam	11.398	113	30678	16.787	ng/ul#	82
35) 4-Chloro-3-methylphenol	11.769	107	147350	19.185	ng/ul	94

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.145	142	246648	18.451	ng/ul	94
37) 1-Methylnaphthalene	12.363	142	224688	16.649	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.522	216	172497	18.760	ng/ul#	92
40) Hexachlorocyclopentadiene	12.504	237	133762	19.625	ng/ul#	88
41) 2,4,6-Trichlorophenol	12.763	196	93404	17.507	ng/ul	96
42) 2,4,5-Trichlorophenol	12.839	196	108185	18.436	ng/ul	93
43) 1,1'-Biphenyl	13.169	154	349539	19.232	ng/ul#	94
44) 2-Chloronaphthalene	13.210	162	267520	18.431	ng/ul	97
45) 2-Nitroaniline	13.416	65	77020	18.120	ng/ul#	87
47) Dimethylphthalate	13.798	163	362942	18.308	ng/ul	97
48) 2,6-Dinitrotoluene	13.916	165	75148	19.567	ng/ul	90
50) Acenaphthylene	14.063	152	419304	20.111	ng/ul	96
51) 3-Nitroaniline	14.251	138	61492	19.361	ng/ul	80
52) Acenaphthene	14.410	153	277479	17.916	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	33154	15.658	ng/ul	87
55) 4-Nitrophenol	14.569	109	87110	17.671	ng/ul#	85
56) Dibenzofuran	14.745	168	418986	18.568	ng/ul#	83
57) 2,4-Dinitrotoluene	14.710	165	113064	19.008	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.969	232	106412m	19.205	ng/ul	06/15/21 JU
59) Diethylphthalate	15.175	149	365288	18.132	ng/ul	96
61) Fluorene	15.398	166	329606	18.267	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.392	204	191762	19.116	ng/ul#	82
63) 4-Nitroaniline	15.416	138	66297	21.200	ng/ul#	68
66) 4,6-Dinitro-2-methylph...	15.475	198	60940	16.785	ng/ul#	75
67) N-Nitrosodiphenylamine	15.610	169	298794	18.497	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	139119	18.610	ng/ul#	87
69) Hexachlorobenzene	16.410	284	167203	17.270	ng/ul	98
70) Atrazine	16.563	200	133006	18.201	ng/ul#	88
71) Pentachlorophenol	16.751	266	81042	17.086	ng/ul#	82
72) Phenanthrene	17.139	178	557396	17.896	ng/ul	96
74) Anthracene	17.227	178	568981	18.107	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.133	216	168560	17.836	ng/uL	94
76) Pentachlorobenzene	14.663	250	185642	17.844	ng/uL	98
77) Carbazole	17.504	167	490187	18.665	ng/ul	97
78) Di-n-butylphthalate	18.074	149	602545	18.386	ng/ul	99
80) Fluoranthene	19.163	202	732995	17.377	ng/ul#	94
82) Pyrene	19.527	202	770803	17.230	ng/ul	96
83) Butylbenzylphthalate	20.439	149	288909	17.525	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.215	252	341065	23.386	ng/ul	92
85) Benzo(a)anthracene	21.280	228	844107	18.109	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.221	149	442378	18.215	ng/ul	99
87) Chrysene	21.333	228	848677	18.372	ng/ul	97
89) Di-n-octyl phthalate	22.104	149	827930	18.260	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1010876	20.032	ng/ul	98
91) Benzo(k)fluoranthene	22.921	252	908200	18.308	ng/ul	99
93) Benzo(a)pyrene	23.451	252	941106m	20.535	ng/ul	06/15/21 JU
94) Indeno(1,2,3-cd)pyrene	25.827	276	1119804	18.969	ng/ul	95
95) Dibenzo(a,h)anthracene	25.833	278	975430	20.189	ng/ul	97
96) Benzo(g,h,i)perylene	26.509	276	972534	18.759	ng/ul	94

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