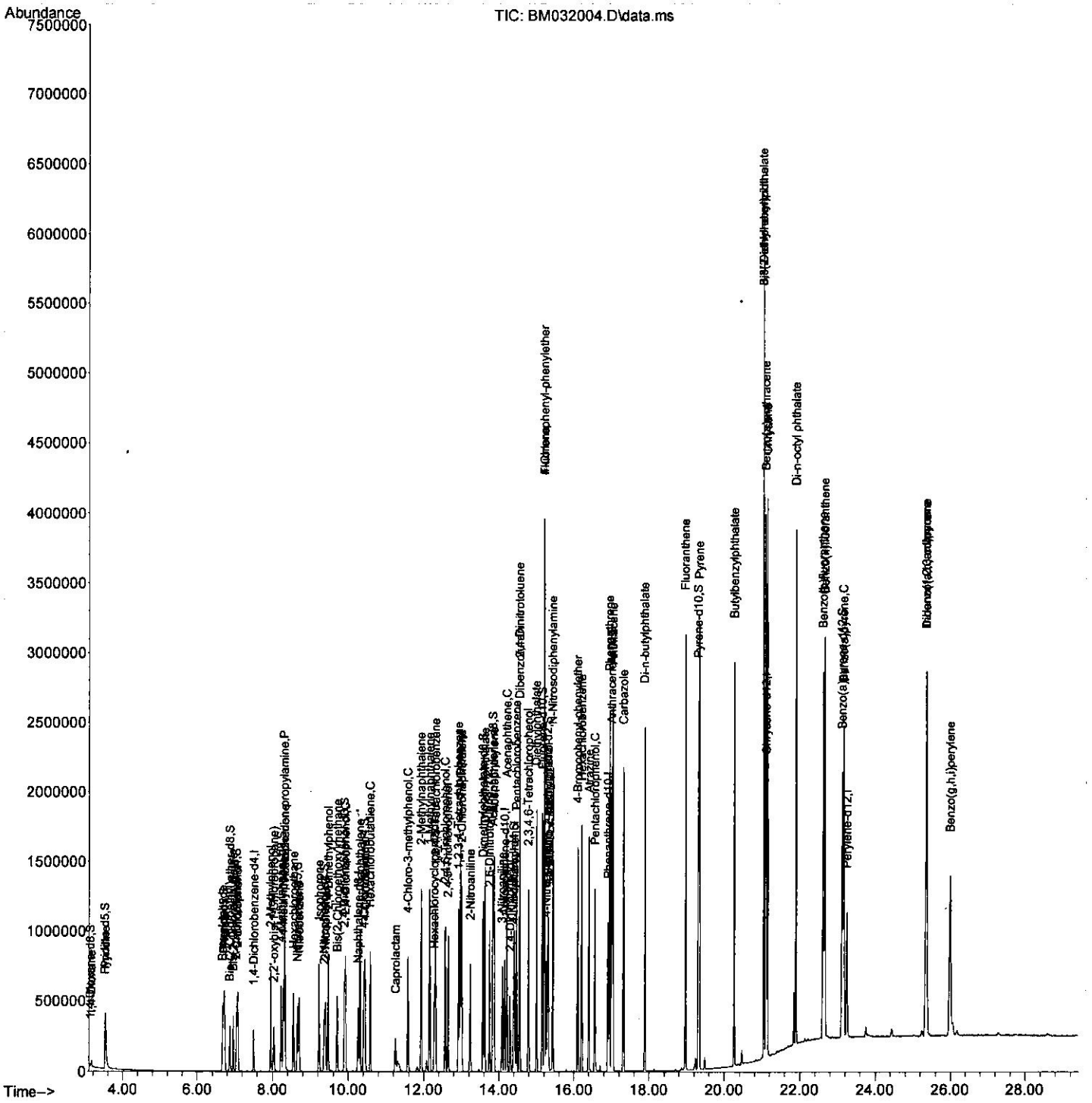
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032004.D
Acq On : 01 Sep 2021 03:40
Operator : CG/JU
Sample : PB138672BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 01 05:40:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS672

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:56 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032003.D
Acq On : 01 Sep 2021 03:04
Operator : CG/JU
Sample : PB138672BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 01 05:40:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS672

Manual Integrations APPROVED
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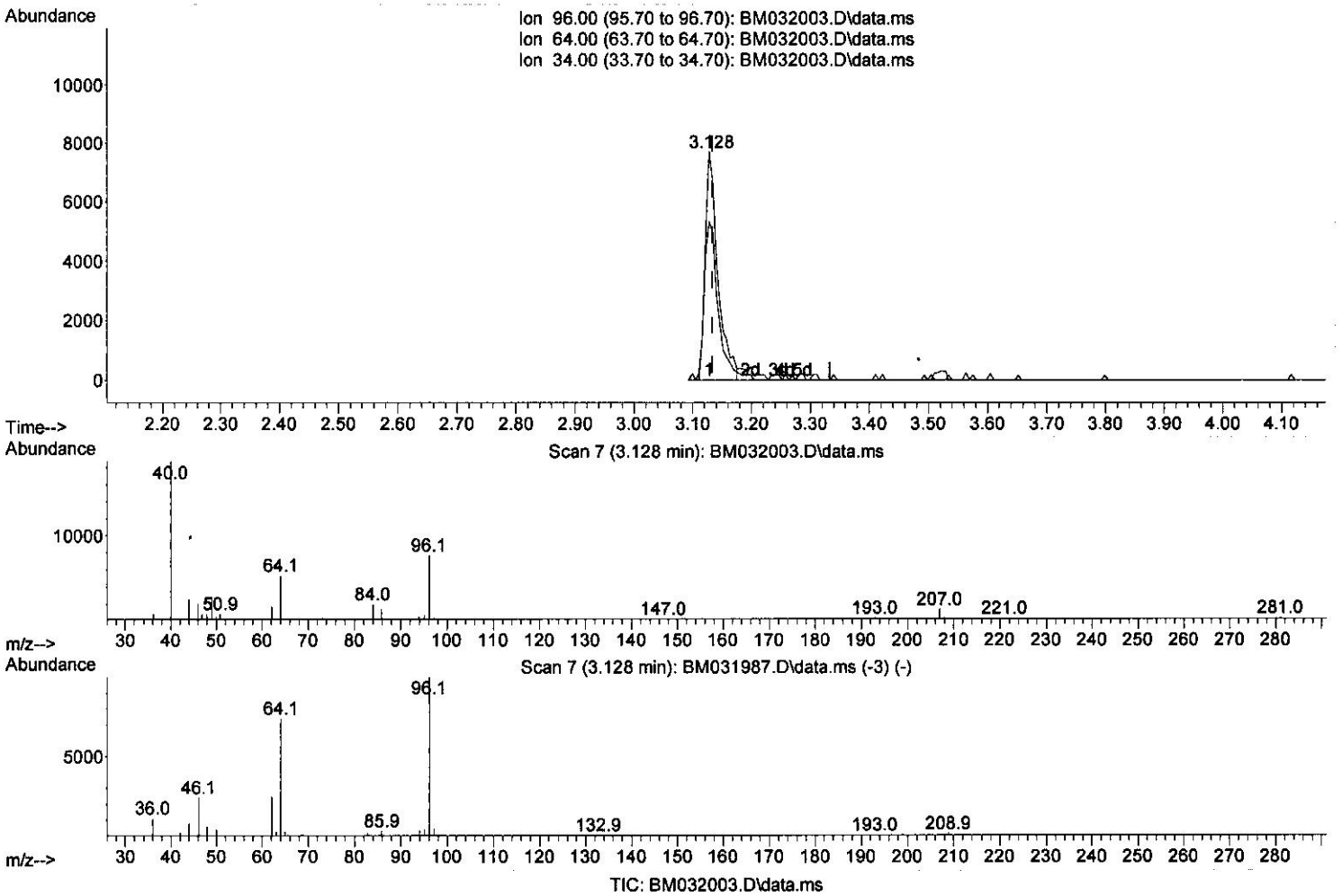

TIC: BM032003.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.128min (-0.006) 6.03 ng/uL

response 11550

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.00	69.42
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032004.D
Acq On : 01 Sep 2021 03:40
Operator : CG/JU
Sample : PB138672BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 01 05:40:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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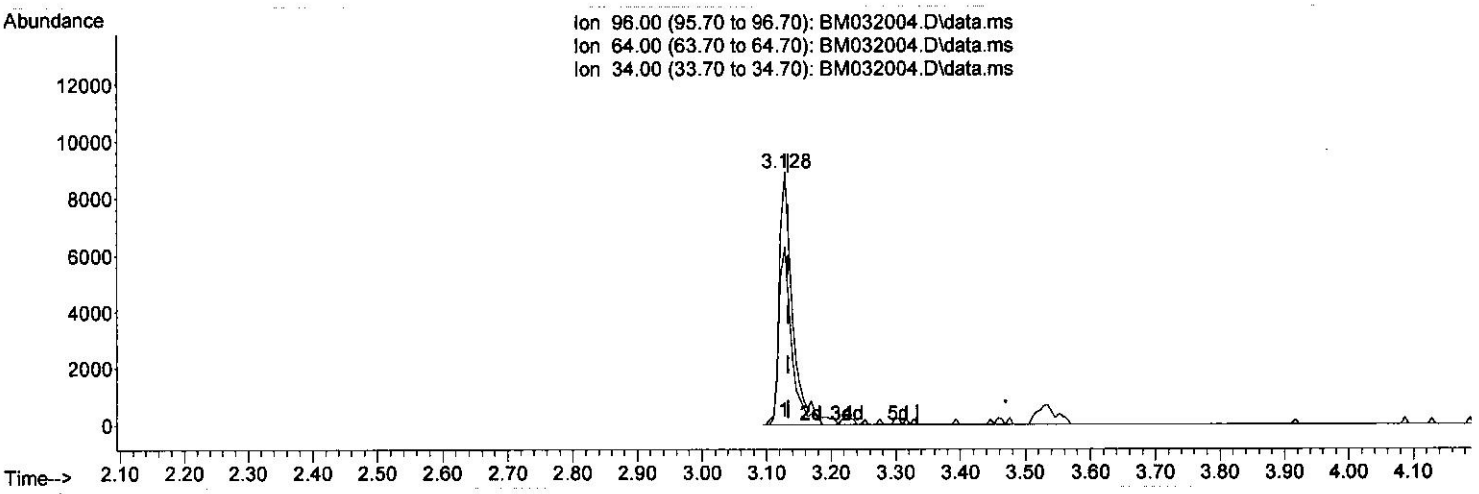

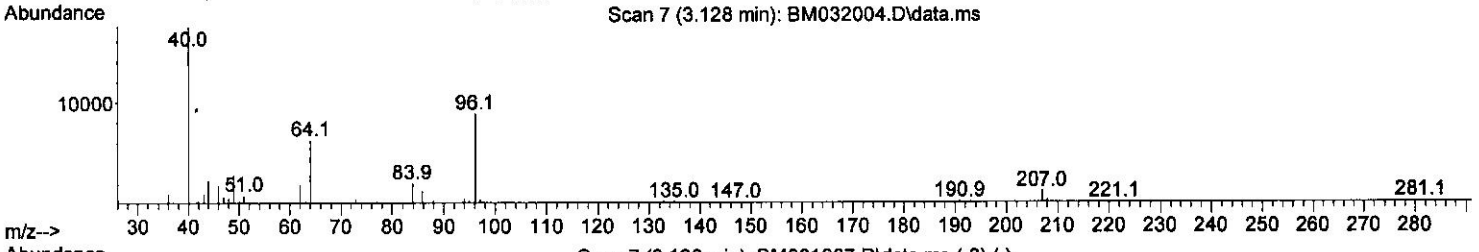

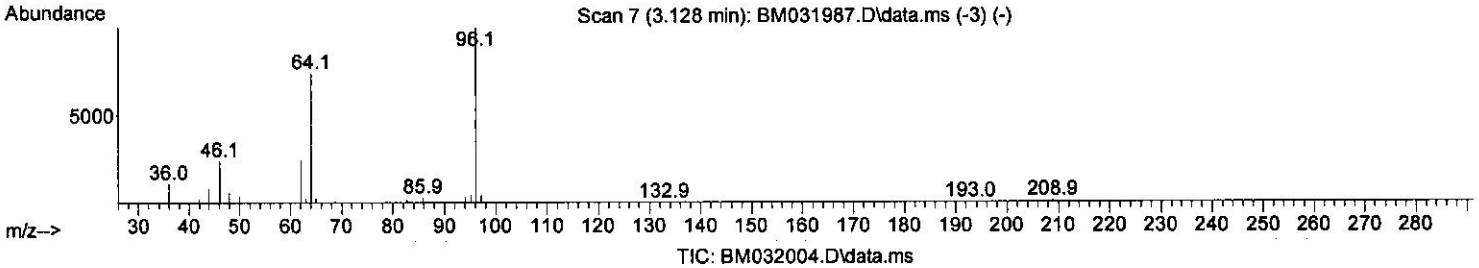

TIC: BM032004.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.128min (-0.006) 7.10 ng/uL m 3 ovality

response 12406

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.00	70.73
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : PB138672BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 01 05:40:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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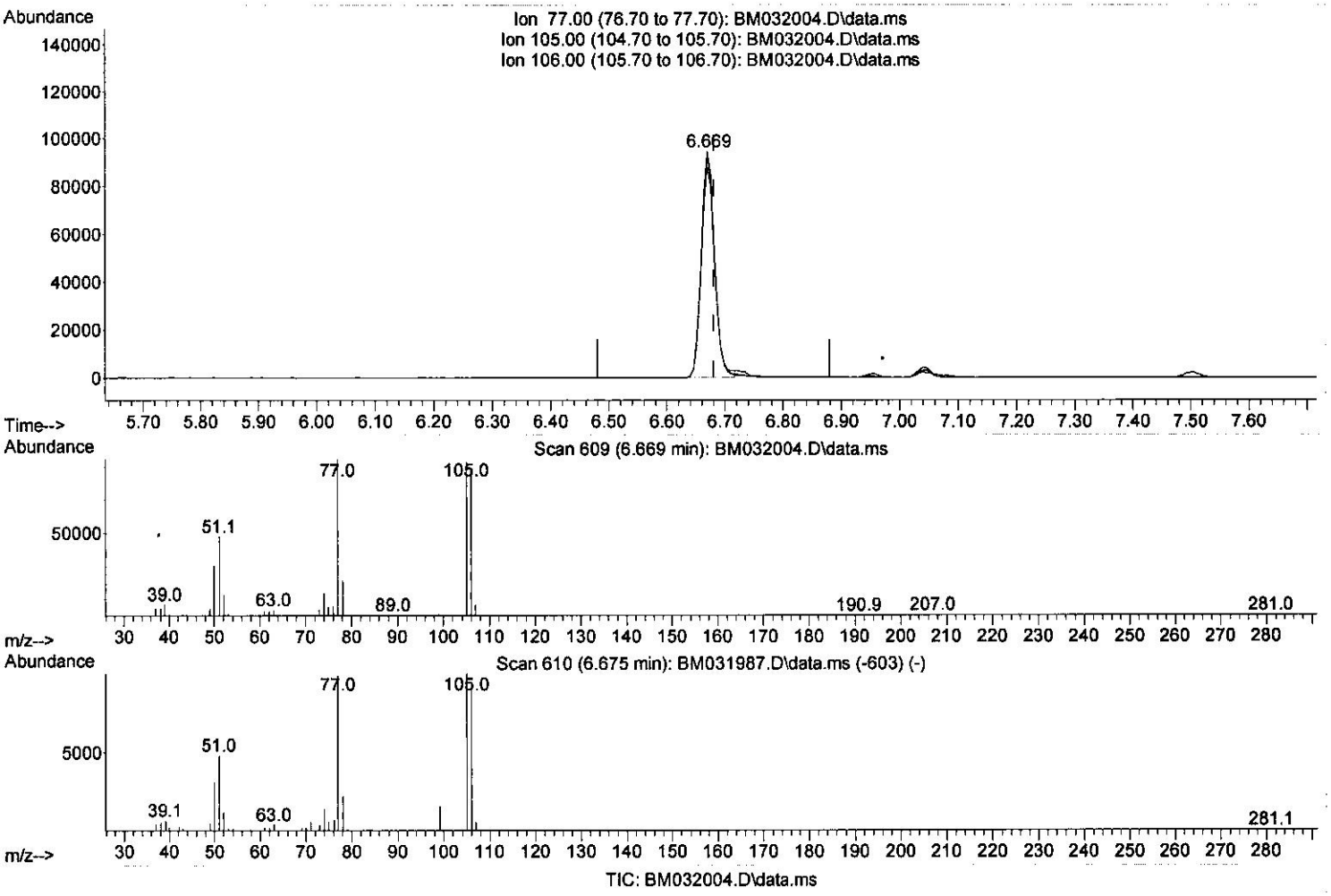

TIC: BM032004.D\data.ms

(6) Benzaldehyde

6.669min (-0.012) 49.91 ng/ul

response 151135

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	97.94
106.00	93.70	93.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032004.D
Acq On : 01 Sep 2021 03:40
Operator : CG/JU
Sample : PB138672BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 01 05:40:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS672

Manual Integrations APPROVED
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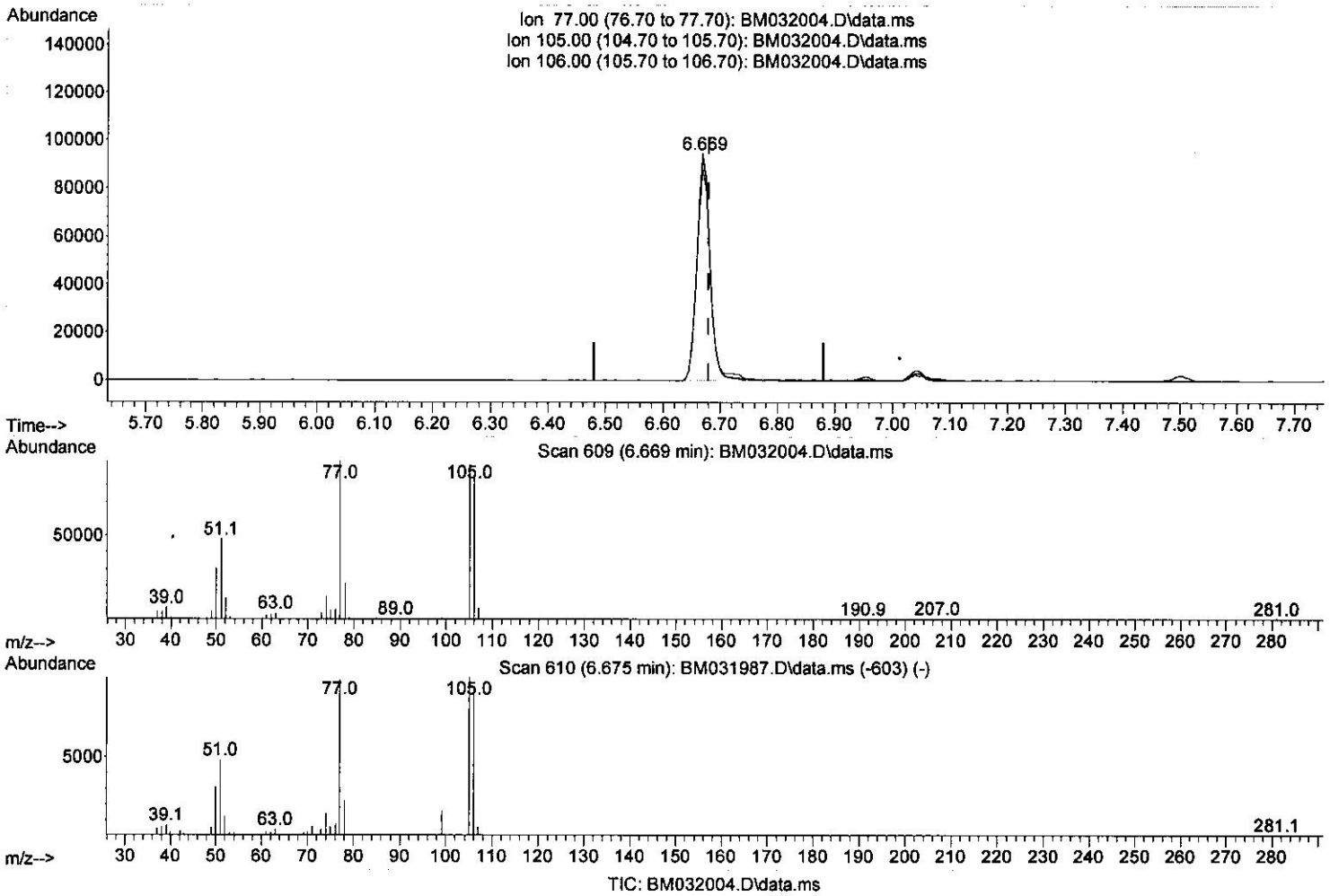

TIC: BM032004.D\data.ms

(6) Benzaldehyde

6.669min (-0.012) 51.05 ng/ul m 9/1/21

response 154586

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	97.94
106.00	93.70	93.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032004.D
Acq On : 01 Sep 2021 03:40
Operator : CG/JU
Sample : PB138672BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 01 05:40:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS672

Manual Integrations APPROVED
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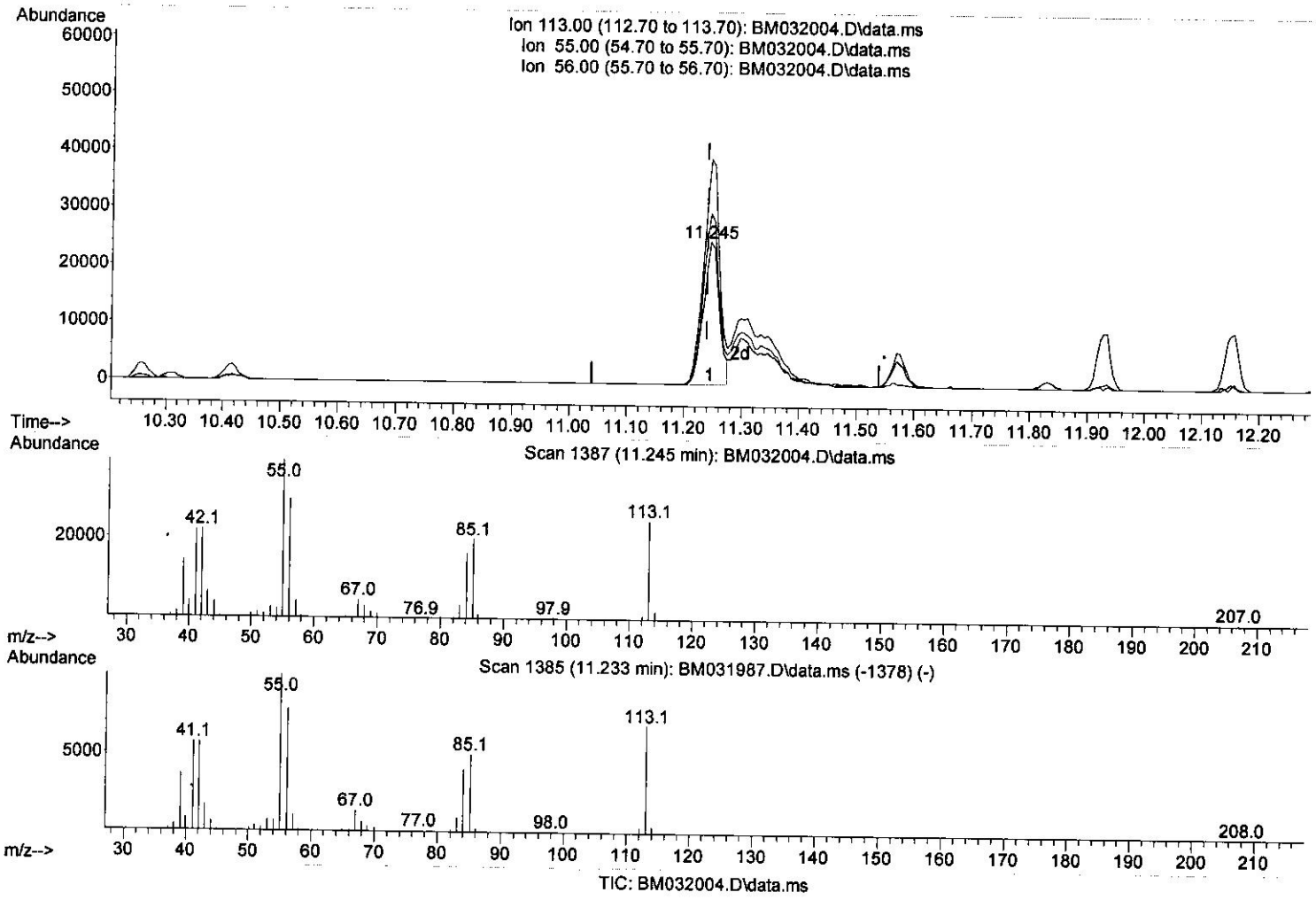

(34) Caprolactam

11.245min (+ 0.006) 24.07 ng/ul

response 47549

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	158.12
56.00	127.40	119.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032004.D
Acq On : 01 Sep 2021 03:40
Operator : CG/JU
Sample : PB138672BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 01 05:40:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
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Instrument :
BNA_M
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Manual Integrations APPROVED
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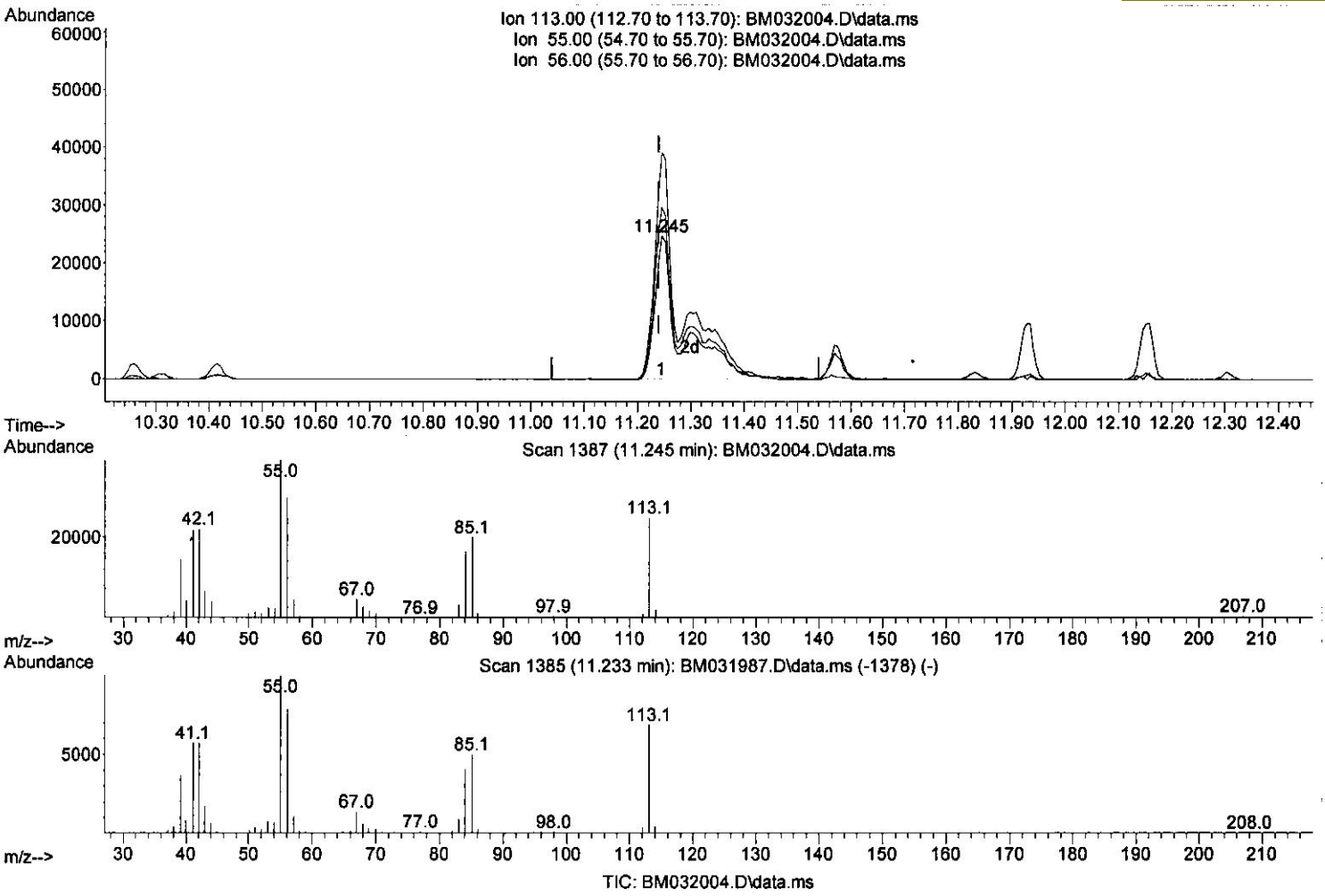

TIC: BM032004.D\data.ms

(34) Caprolactam

11.245min (+ 0.006) 42.49 ng/ul m 3 SV 9/7/21

response 83936

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	158.12
56.00	127.40	119.89
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
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Acq On : 01 Sep 2021 03:40
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Sample : PB138672BS
Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	80662	20.000	ng/ul	0.00
20) Naphthalene-d8	10.257	136	361308	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.145	164	274386	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	612997	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	663019	20.000	ng/ul	# 0.00
88) Perylene-d12	23.244	264	572762	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	12406m	7.096	ng/uL	0.00
4) Pyridine-d5	3.516	84	175349	35.321	ng/ul	0.00
7) Phenol-d5	6.698	99	252224	37.708	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	136001	35.142	ng/ul	0.00
11) 2-Chlorophenol-d4	7.040	132	205090	39.845	ng/ul	-0.01
15) 4-Methylphenol-d8	8.222	113	214500	37.378	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	102873	39.201	ng/ul	0.00
24) 2-Nitrophenol-d4	9.363	143	126896	40.859	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	254337	40.817	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.416	131	312393	35.541	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	819524	39.472	ng/ul	0.00
49) Acenaphthylene-d8	13.833	160	1010951	41.115	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	148832	39.603	ng/ul	0.00
60) Fluorene-d10	15.145	176	725553	39.754	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	159428	37.851	ng/ul	0.00
73) Anthracene-d10	17.004	188	1209114	41.556	ng/ul	0.00
81) Pyrene-d10	19.303	212	1417477	45.644	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	1264024	41.991	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	25979	12.326	ng/uL	91
5) Pyridine	3.534	79	188561	36.945	ng/ul	91
6) Benzaldehyde	6.669	77	154586m	51.051	ng/ul	
8) Phenol	6.728	94	274555	40.791	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.951	93	201646	39.335	ng/ul	93
12) 2-Chlorophenol	7.075	128	223992	43.580	ng/ul	94
13) 2-Methylphenol	7.951	108	210195	40.503	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.034	45	252479	37.898	ng/ul#	89
16) Acetophenone	8.328	105	350610	39.009	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.316	70	177744	40.536	ng/ul	95
18) 4-Methylphenol	8.281	108	233330	40.488	ng/ul	91
19) Hexachloroethane	8.551	117	92814	42.154	ng/ul	89
22) Nitrobenzene	8.698	77	270226	40.787	ng/ul	99
23) Isophorone	9.222	82	497856	40.829	ng/ul#	95
25) 2-Nitrophenol	9.398	139	141891	43.857	ng/ul	92
26) 2,4-Dimethylphenol	9.463	107	266906	40.528	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.704	93	294611	40.759	ng/ul	97
29) 2,4-Dichlorophenol	9.922	162	262787	44.338	ng/ul	98
30) Naphthalene	10.310	128	744921	41.184	ng/ul	99
32) 4-Chloroaniline	10.439	127	333061	37.986	ng/ul	100
33) Hexachlorobutadiene	10.580	225	163693	41.631	ng/ul	98
34) Caprolactam	11.245	113	83936m	42.486	ng/ul	
35) 4-Chloro-3-methylphenol	11.575	107	273904	44.068	ng/ul	97

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.927	142	597639	41.906	ng/ul	100
37) 1-Methylnaphthalene	12.151	142	578442	39.822	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.304	216	342830	43.527	ng/ul	99
40) Hexachlorocyclopentadiene	12.275	237	146439	34.542	ng/ul	96
41) 2,4,6-Trichlorophenol	12.563	196	241671	45.801	ng/ul	98
42) 2,4,5-Trichlorophenol	12.639	196	259375	45.265	ng/ul	99
43) 1,1'-Biphenyl	12.969	154	816202	42.289	ng/ul#	98
44) 2-Chloronaphthalene	13.004	162	651411	42.602	ng/ul	100
45) 2-Nitroaniline	13.233	65	194776	46.236	ng/ul	100
47) Dimethylphthalate	13.621	163	882504	43.289	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	188305	46.820	ng/ul	98
50) Acenaphthylene	13.863	152	975339	43.109	ng/ul	99
51) 3-Nitroaniline	14.080	138	180462	47.947	ng/ul	92
52) Acenaphthene	14.210	153	708673	43.128	ng/ul	98
53) 2,4-Dinitrophenol	14.292	184	112727	40.087	ng/ul	93
55) 4-Nitrophenol	14.404	109	150126	43.271	ng/ul	83
56) Dibenzofuran	14.551	168	1049946	43.328	ng/ul	100
57) 2,4-Dinitrotoluene	14.545	165	286061	47.423	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	14.780	232	242453	47.133	ng/ul#	97
59) Diethylphthalate	14.998	149	937634	45.000	ng/ul	99
61) Fluorene	15.204	166	904742	44.125	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.204	204	459968	43.802	ng/ul	99
63) 4-Nitroaniline	15.257	138	187641	55.656	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.310	198	167560	40.912	ng/ul	98
67) N-Nitrosodiphenylamine	15.427	169	795538	45.191	ng/ul	98
68) 4-Bromophenyl-phenylether	16.098	248	288034	45.852	ng/ul	96
69) Hexachlorobenzene	16.204	284	330101	45.260	ng/ul	99
70) Atrazine	16.398	200	311304	46.935	ng/ul	98
71) Pentachlorophenol	16.557	266	211046	44.250	ng/ul	98
72) Phenanthrene	16.945	178	1483370	44.306	ng/ul	100
74) Anthracene	17.039	178	1528541	44.610	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.927	216	349598	43.826	ng/uL	99
76) Pentachlorobenzene	14.463	250	362921	43.367	ng/uL	98
77) Carbazole	17.315	167	1367684	43.613	ng/ul	99
78) Di-n-butylphthalate	17.886	149	1703646	47.409	ng/ul	99
80) Fluoranthene	18.968	202	1833118	48.578	ng/ul	95
82) Pyrene	19.339	202	1909422	47.792	ng/ul#	93
83) Butylbenzylphthalate	20.262	149	819120	52.214	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.039	252	618083	41.409	ng/ul	96
85) Benzo(a)anthracene	21.092	228	1892875	45.897	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.039	149	1303645	51.527	ng/ul#	97
87) Chrysene	21.145	228	1817408	45.814	ng/ul	100
89) Di-n-octyl phthalate	21.897	149	2232086	57.122	ng/ul	100
90) Benzo(b)fluoranthene	22.615	252	1785122	48.918	ng/ul	98
91) Benzo(k)fluoranthene	22.656	252	1766819	50.012	ng/ul#	97
93) Benzo(a)pyrene	23.156	252	1515171	45.980	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	25.356	276	1705938	40.449	ng/ul	96
95) Dibenzo(a,h)anthracene	25.362	278	1465584	41.319	ng/ul#	96
96) Benzo(g,h,i)perylene	25.991	276	1356193	38.833	ng/ul	96

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