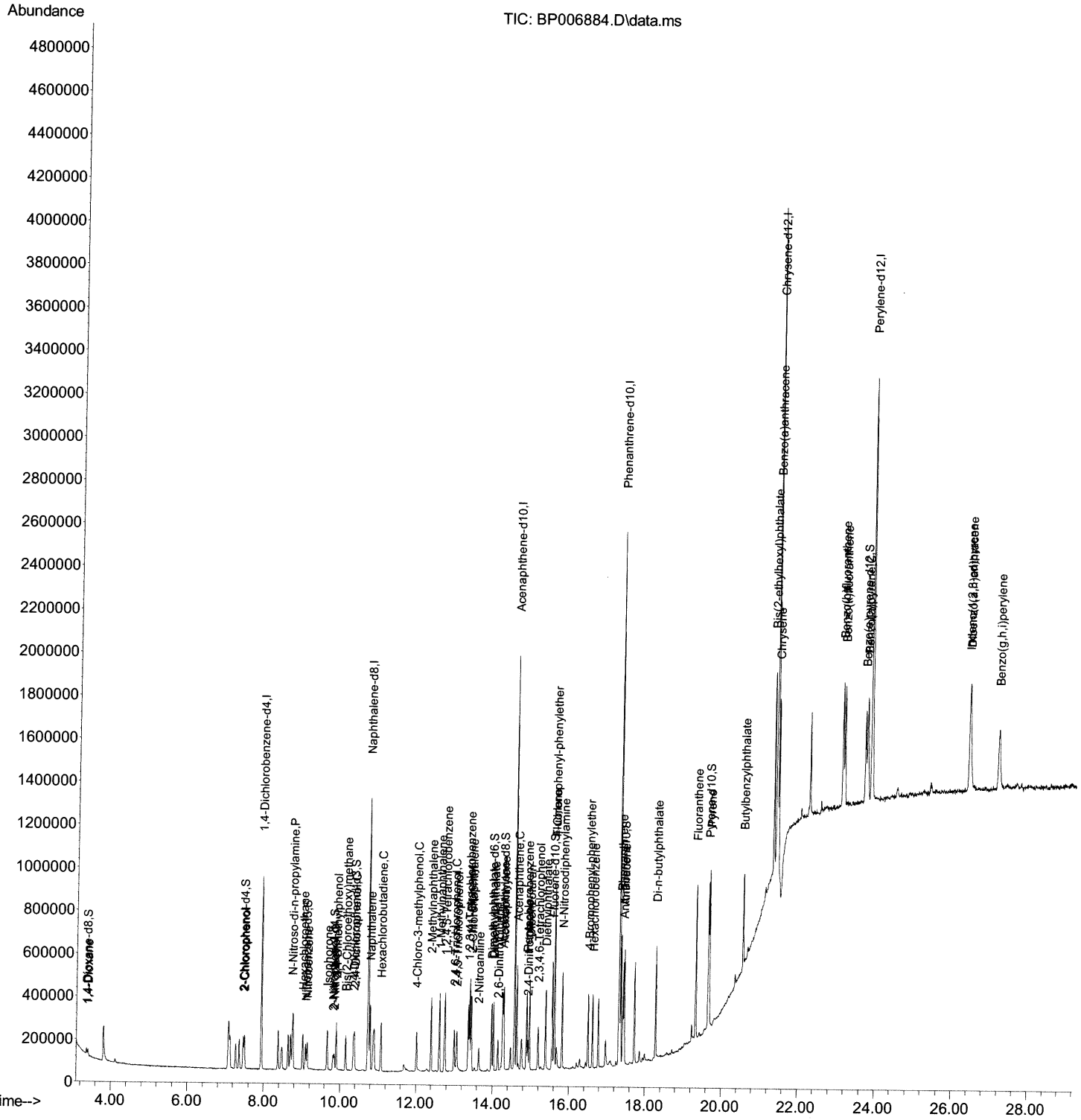
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090821\
Data File : BP006884.D
Acq On : 08 Sep 2021 15:50
Operator : CG/JU
Sample : SSTD00515
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 09 01:59:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 01:57:53 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD005615

Manual Integrations APPROVED
mohammad
9/9/2021 11:52:39 AM



Quantitation Report (Qedit)

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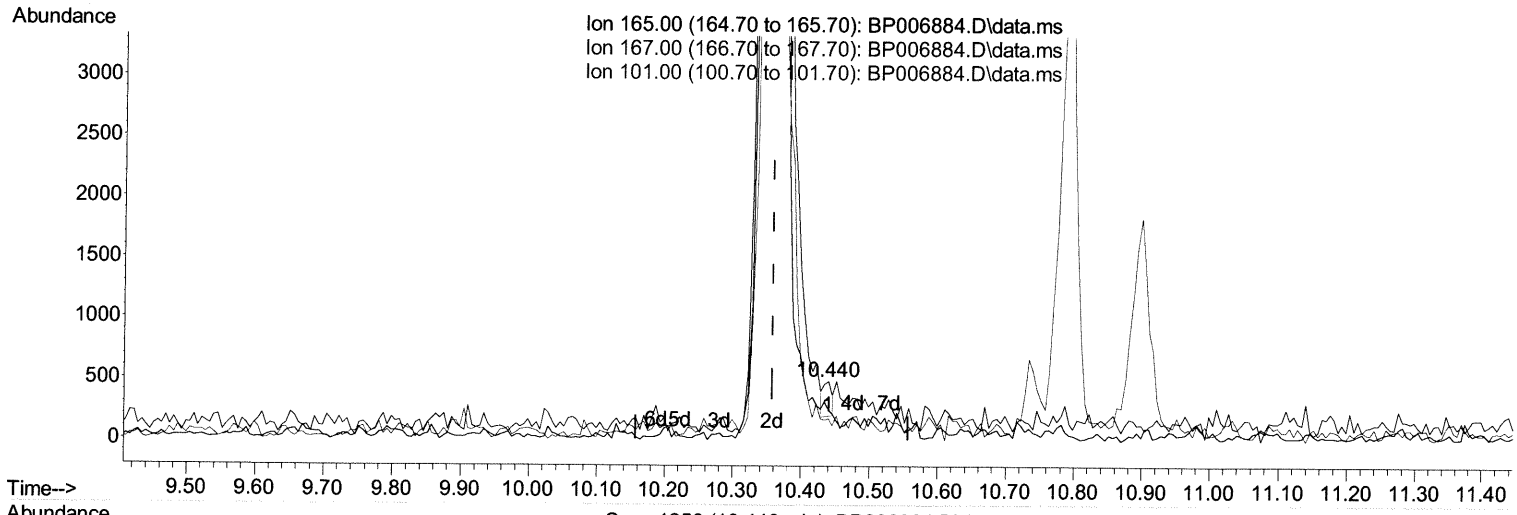

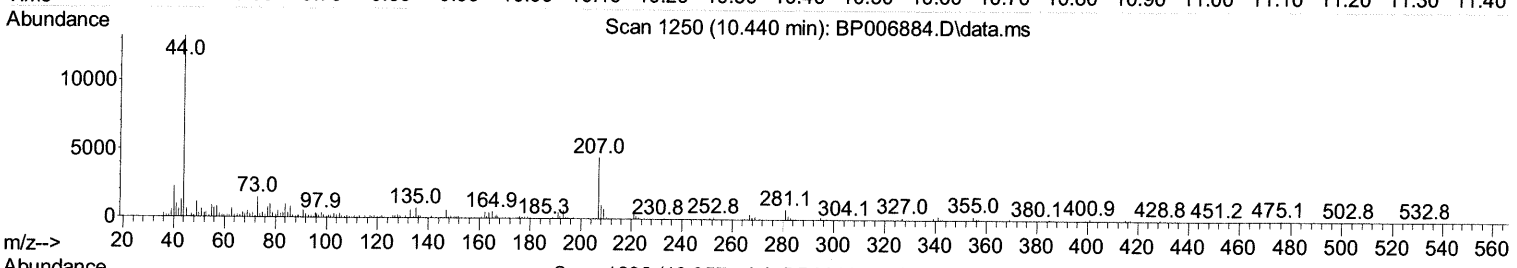

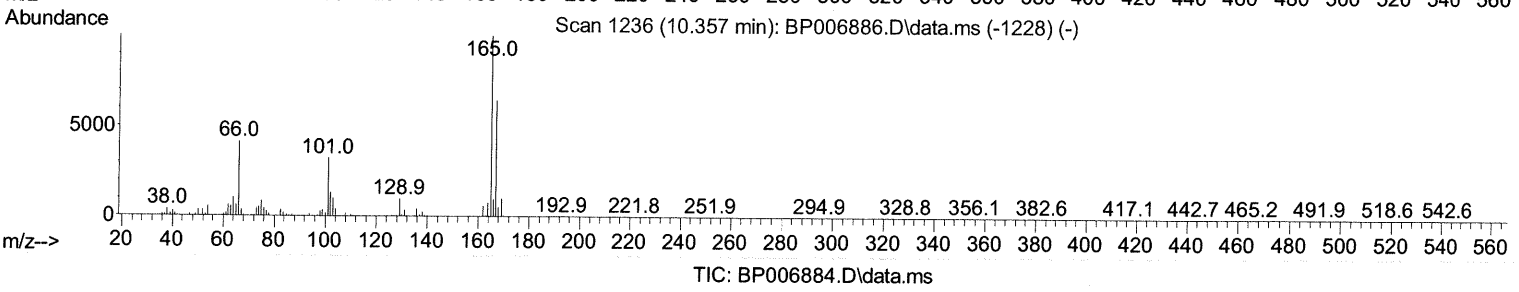

TIC: BP006884.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.440min (+ 0.082) 0.02 ng/ul

response 256

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.40	50.41
101.00	40.60	35.80
0.00	0.00	0.00

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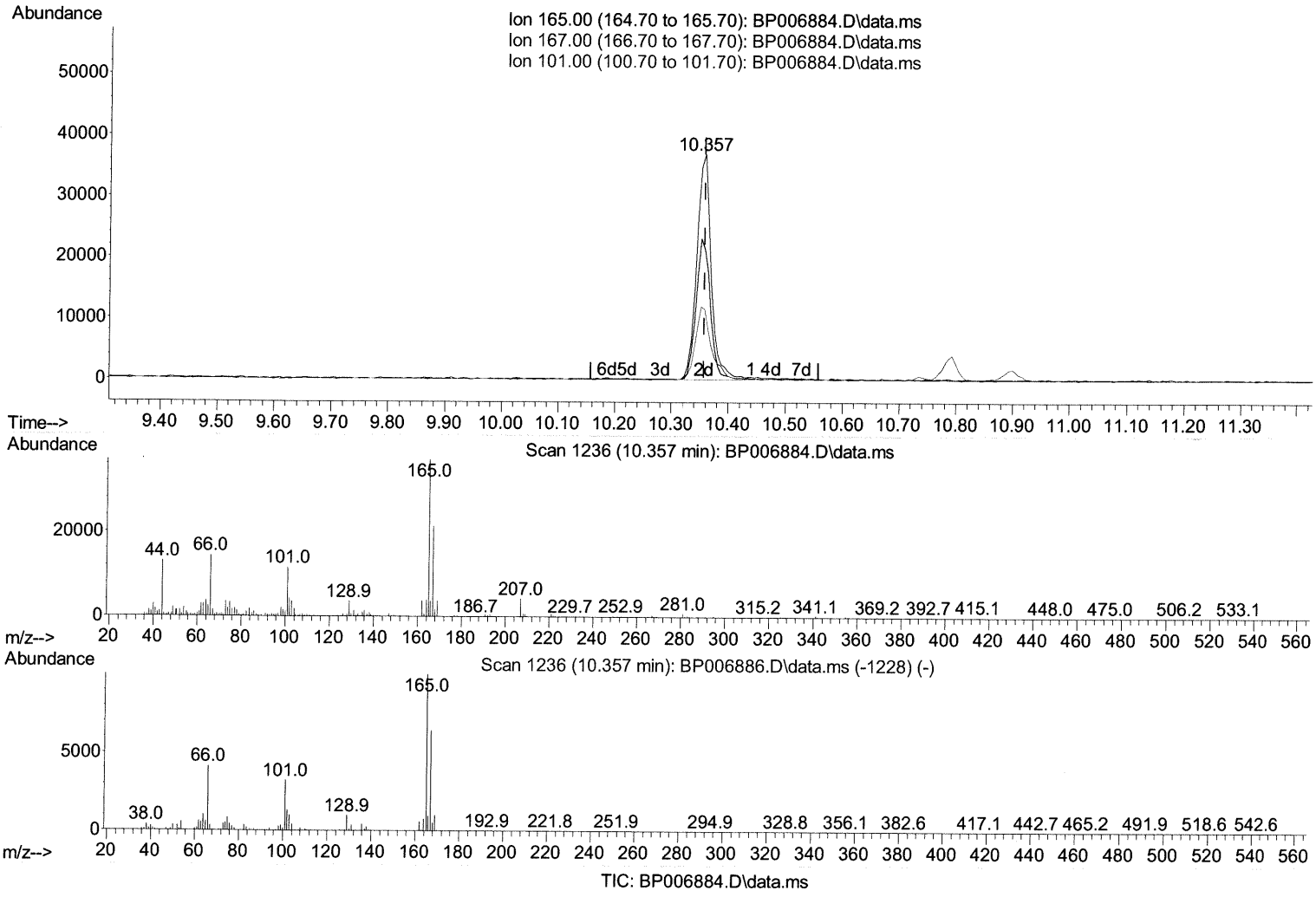

TIC: BP006884.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.357min (+ 0.000) 4.15 ng/ul m 09/13/21 JU

response 65561

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.40	57.69
101.00	40.60	31.32#
0.00	0.00	0.00

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BNA_P
ClientSampleId :
SSTD005615

Manual Integrations APPROVED
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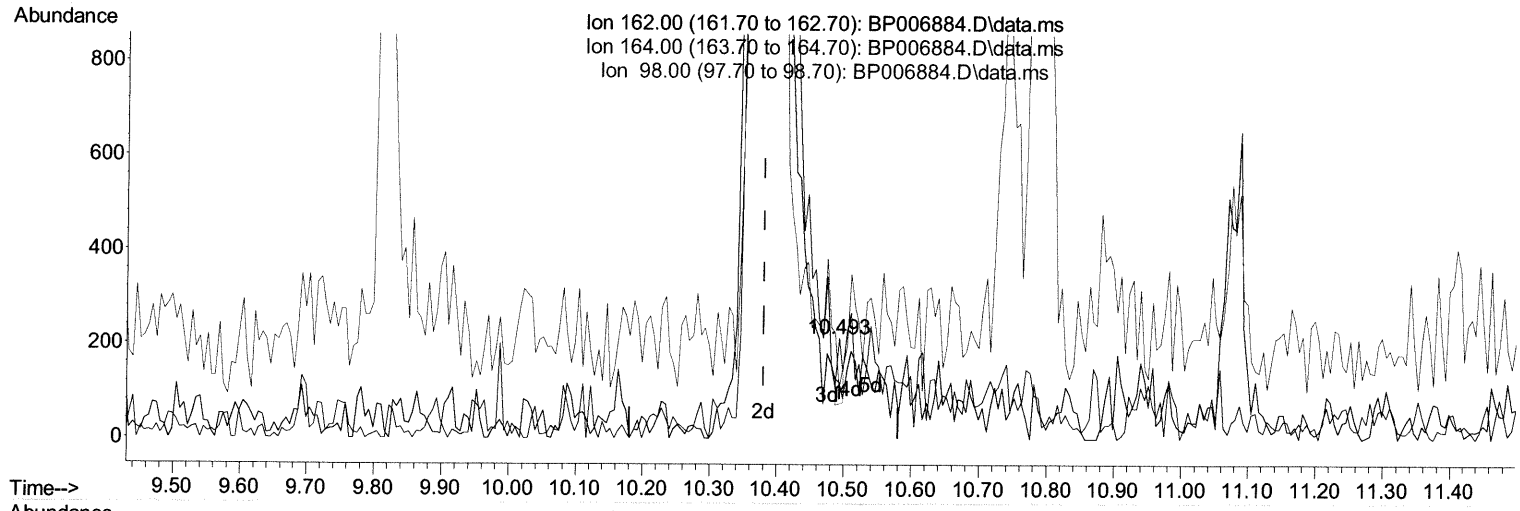

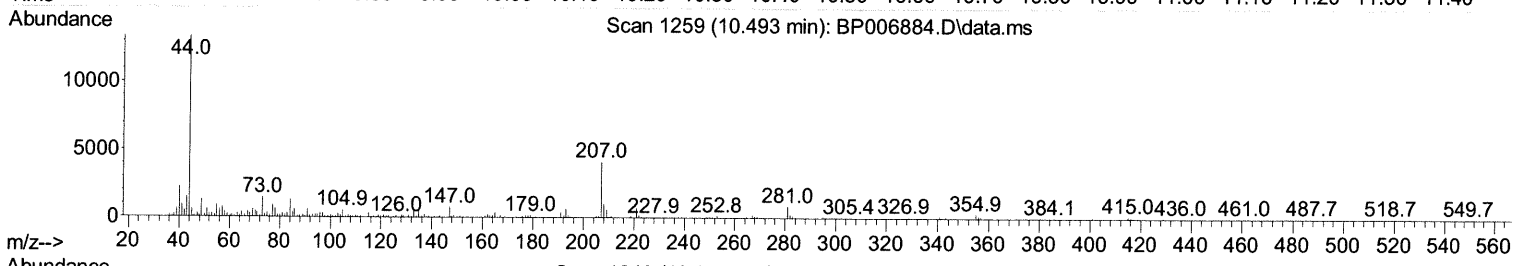

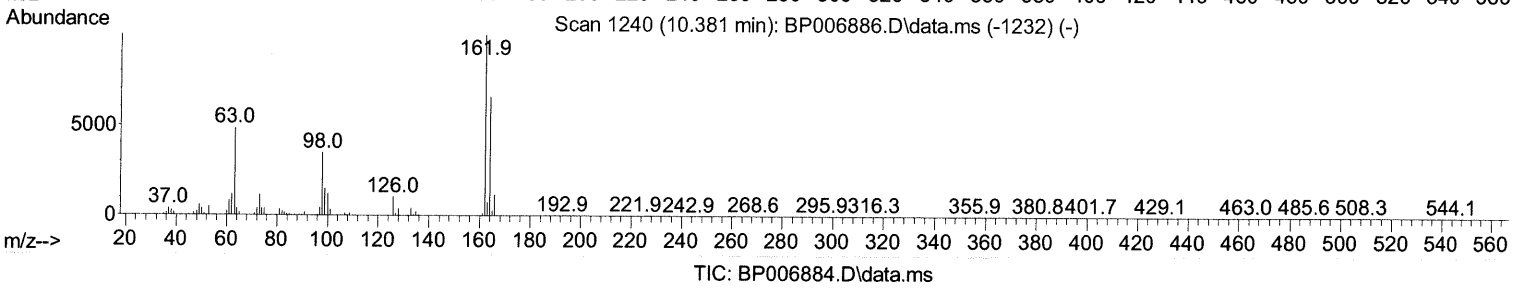

TIC: BP006884.D\data.ms

(29) 2,4-Dichlorophenol (C)

10.493min (+ 0.112) 0.00 ng/ul

response 73

Ion	Exp%	Act%
162.00	100.00	100.00
164.00	65.00	55.87
98.00	42.90	49.77
0.00	0.00	0.00

Quantitation Report (Qedit)

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QLast Update : Thu Sep 09 01:57:53 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD005615

Manual Integrations APPROVED
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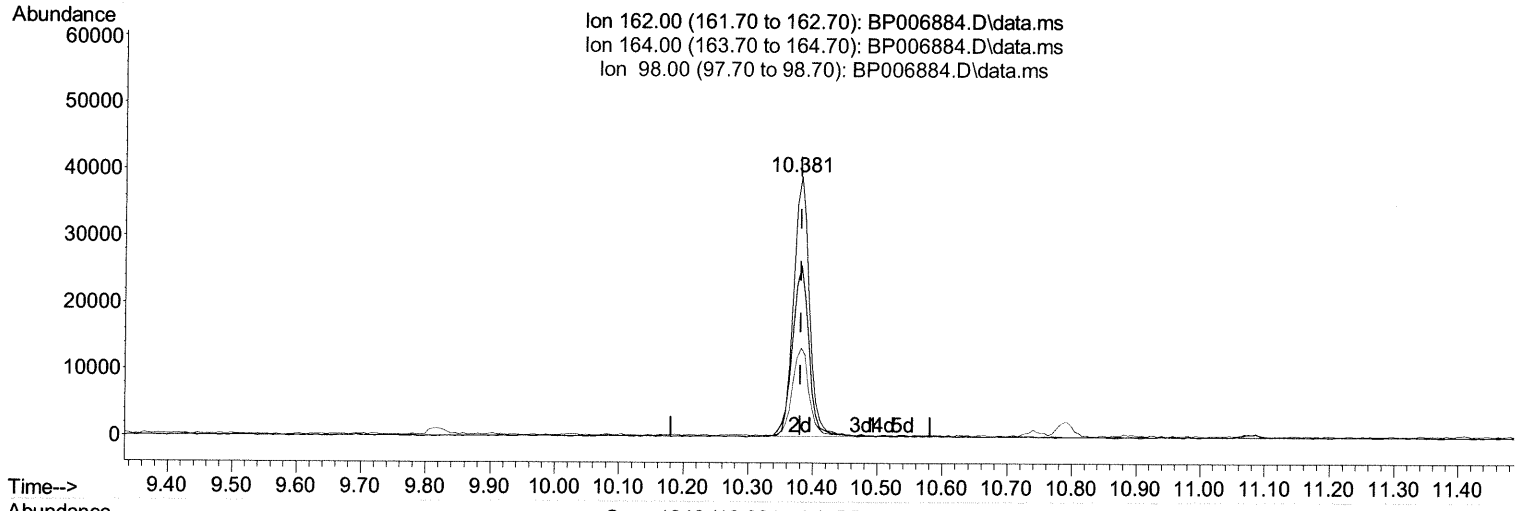
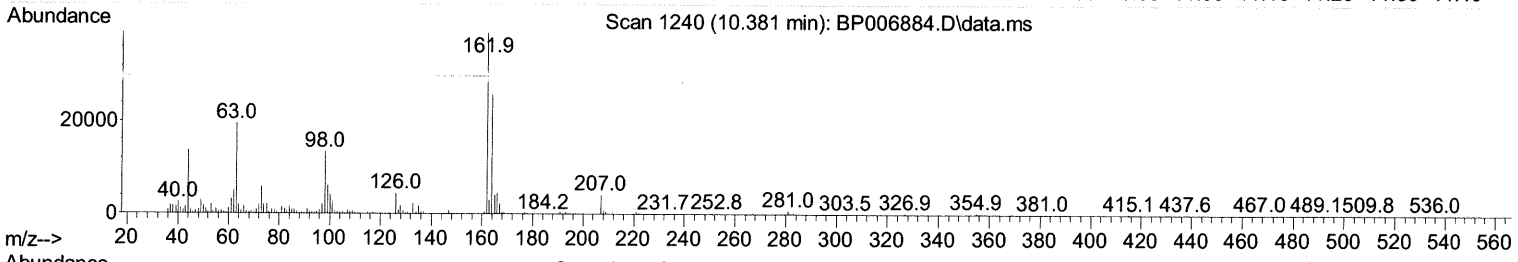
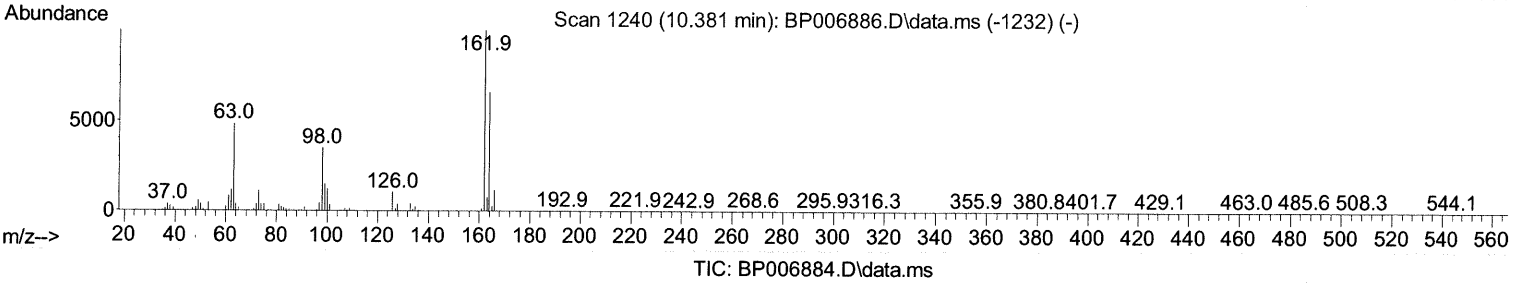
9/9/2021 11:52:39 AM







TIC: BP006884.D\data.ms

(29) 2,4-Dichlorophenol (C)

10.381min (+ 0.000) 4.35 ng/ul m 09/13/21 JU

response 66795

Ion	Exp%	Act%
162.00	100.00	100.00
164.00	65.00	65.62
98.00	42.90	34.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 08 Sep 2021 15:50
Operator : CG/JU
Sample : SSTD00515
Misc :
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BNA_P
ClientSampleId :
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Manual Integrations APPROVED
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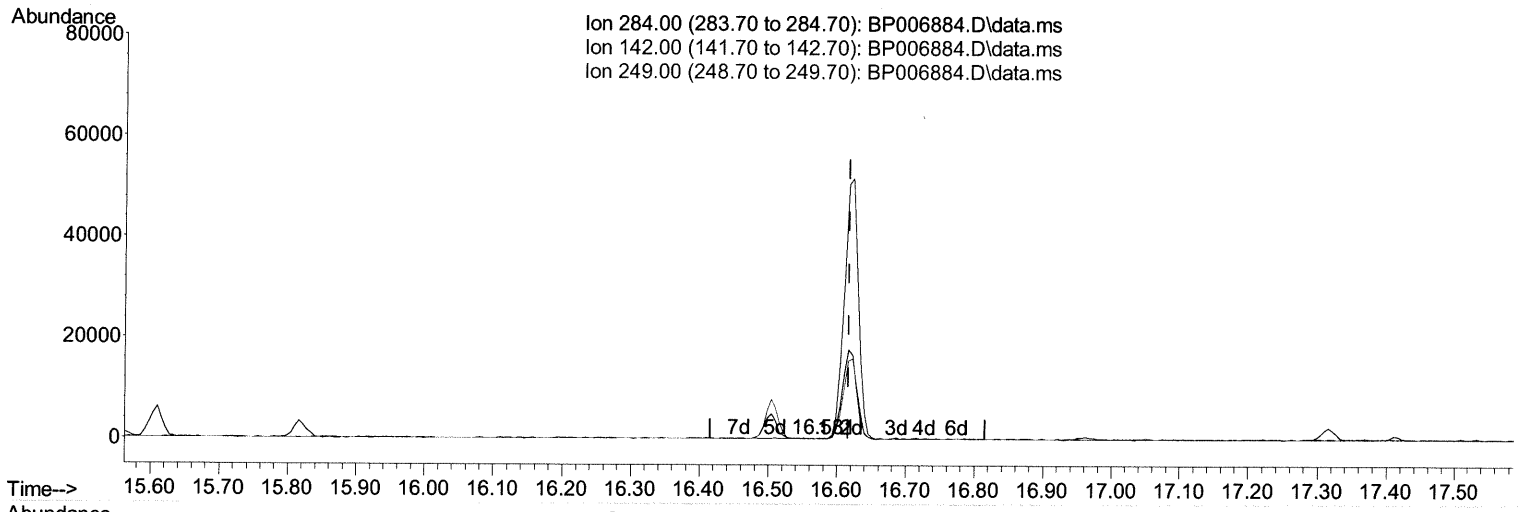

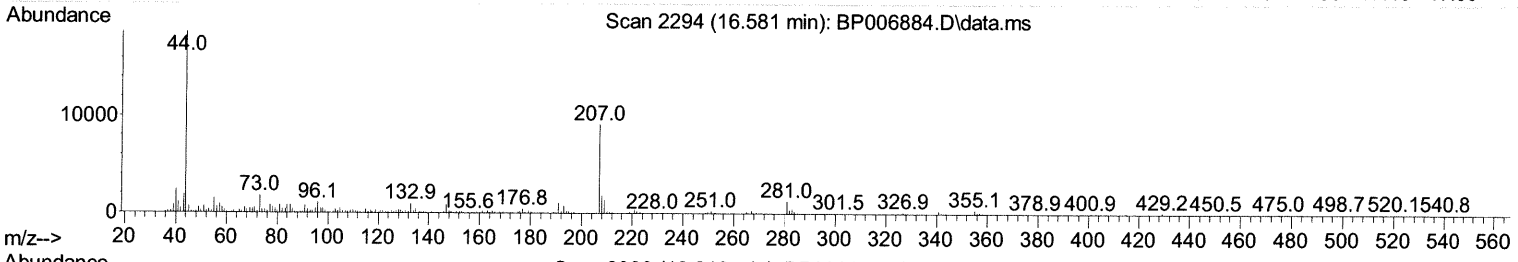

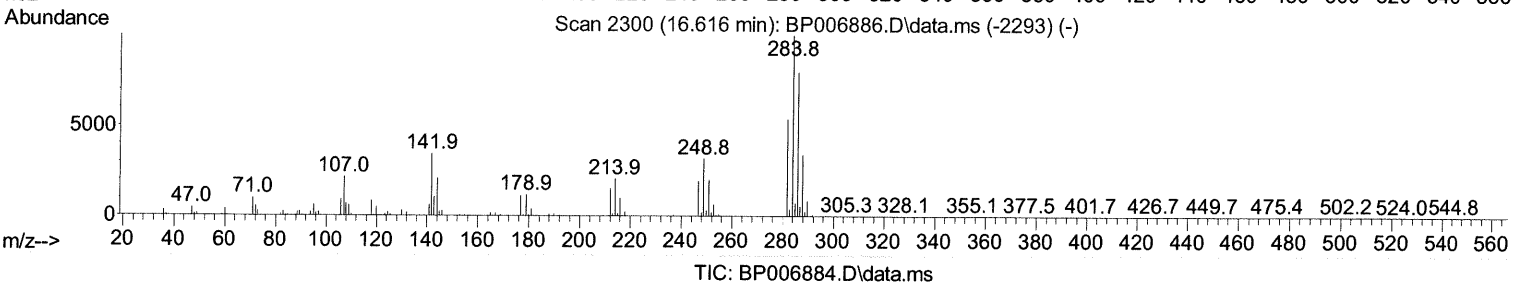

TIC: BP006884.D\data.ms

(69) Hexachlorobenzene

16.581min (-0.035) 0.01 ng/ul

response 114

Ion	Exp%	Act%
284.00	100.00	100.00
142.00	47.20	53.76
249.00	33.90	35.26
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_P
ClientSampleId :
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Manual Integrations APPROVED
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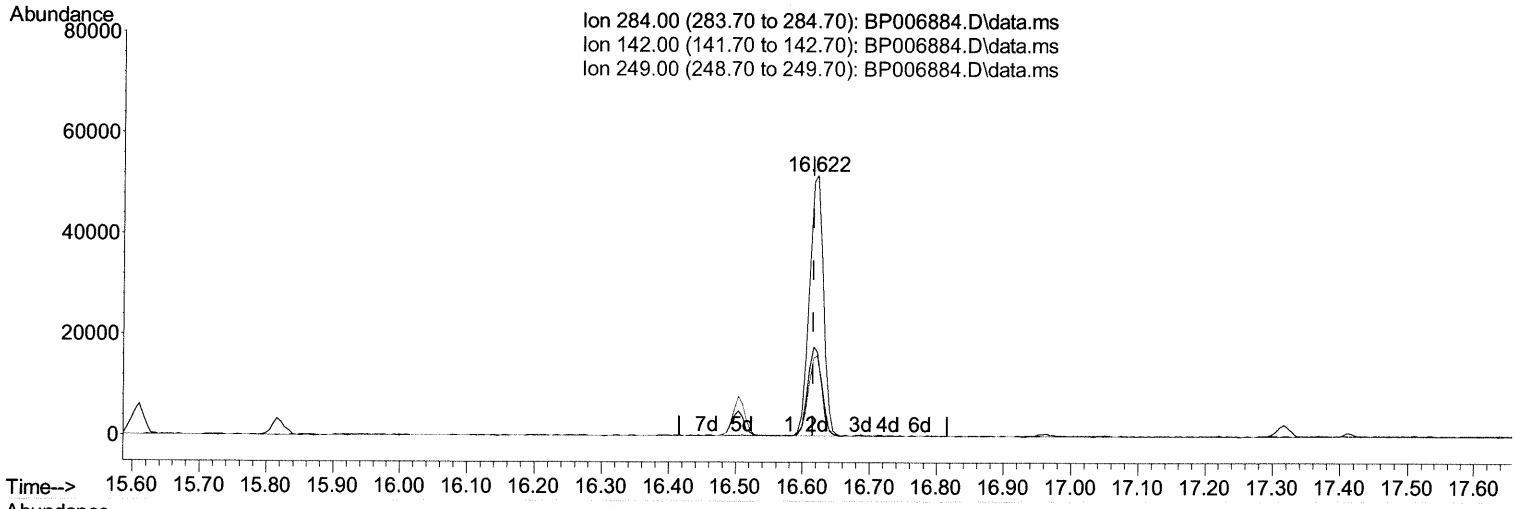

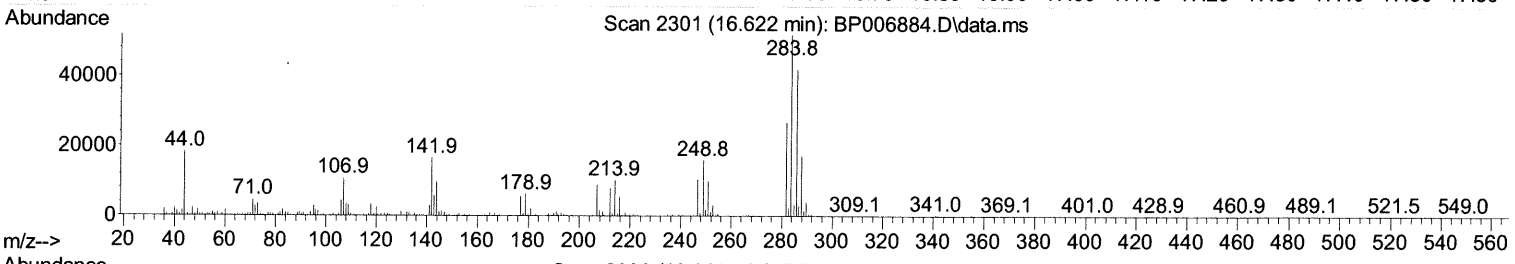

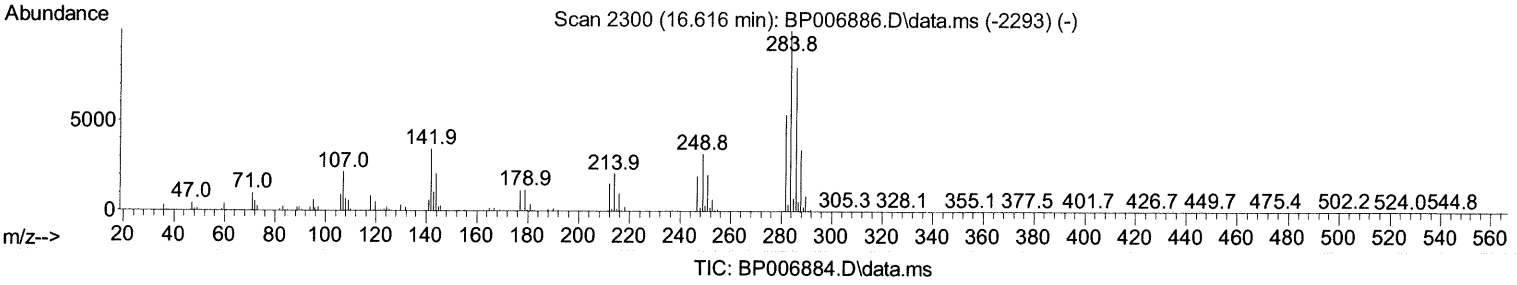

TIC: BP006884.D\data.ms

(69) Hexachlorobenzene

16.622min (+ 0.006) 4.76 ng/ul m 09/13/21 JU

response 74840

Ion	Exp%	Act%
284.00	100.00	100.00
142.00	47.20	32.18#
249.00	33.90	30.84
0.00	0.00	0.00

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ClientSampleId : SSTD005615

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	257603	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1053616	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	661480	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	1409355	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.398	240	1438342	20.000	ng/ul	0.00
88) Perylene-d12	23.839	264	1491830	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	13115	1.722	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.463	132	71835	3.725	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.099	128	27813	3.110	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	24908	2.662	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	65561m >	4.146	ng/ul >	0.00 09/13/21 JU
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.975	166	205808	4.057	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	254020	4.082	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.557	176	188160	4.561	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.416	188	282120	4.231	ng/ul	0.00
81) Pyrene-d10	19.645	212	328650	4.351	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	334904	4.163	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	15103	1.952	ng/uL#	76
12) 2-Chlorophenol	7.493	128	73972	3.804	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.746	70	49859	2.846	ng/ul	97
19) Hexachloroethane	9.022	117	32097	3.793	ng/ul	83
22) Nitrobenzene	9.134	77	70884	3.027	ng/ul	95
23) Isophorone	9.663	82	138552	3.173	ng/ul	95
25) 2-Nitrophenol	9.852	139	27097	2.745	ng/ul#	86
26) 2,4-Dimethylphenol	9.904	107	77884	3.673	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.152	93	96832	3.826	ng/ul	98
29) 2,4-Dichlorophenol	10.381	162	66795m >	4.354	ng/ul >	09/13/21 JU
30) Naphthalene	10.787	128	253762	4.438	ng/ul	99
33) Hexachlorobutadiene	11.081	225	49599	5.484	ng/ul	98
35) 4-Chloro-3-methylphenol	12.010	107	65355	3.331	ng/ul	91
36) 2-Methylnaphthalene	12.398	142	167004	4.250	ng/ul	97
37) 1-Methylnaphthalene	12.616	142	171742	4.392	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	93401	5.240	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.998	196	46843	3.826	ng/ul	97
42) 2,4,5-Trichlorophenol	13.063	196	53850	4.131	ng/ul	96
43) 1,1'-Biphenyl	13.404	154	229116	4.455	ng/ul#	97
44) 2-Chloronaphthalene	13.445	162	175570	4.500	ng/ul	92
45) 2-Nitroaniline	13.640	65	28339	2.014	ng/ul#	80
47) Dimethylphthalate	14.022	163	210902	4.203	ng/ul	98
48) 2,6-Dinitrotoluene	14.140	165	27620	2.852	ng/ul#	83

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Manual Integrations APPROVED
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9/9/2021 11:52:39 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.287	152	266837	4.387	ng/ul	100
52) Acenaphthene	14.628	153	187282	4.318	ng/ul	98
56) Dibenzofuran	14.963	168	268217	4.625	ng/ul#	85
57) 2,4-Dinitrotoluene	14.922	165	38325	2.690	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.187	232	43159	3.989	ng/ul#	78
59) Diethylphthalate	15.387	149	203051	3.807	ng/ul	95
61) Fluorene	15.610	166	216849	4.485	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.610	204	110371	5.042	ng/ul#	82
67) N-Nitrosodiphenylamine	15.822	169	179365	4.143	ng/ul	98
68) 4-Bromophenyl-phenylether	16.504	248	63335	4.557	ng/ul#	86
69) Hexachlorobenzene	16.622	284	74840m	4.764	ng/ul	09/13/21 JU
72) Phenanthrene	17.357	178	354325	4.450	ng/ul	99
74) Anthracene	17.445	178	342021	4.230	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	96240	5.022	ng/uL	99
76) Pentachlorobenzene	14.887	250	94894	5.026	ng/uL	98
78) Di-n-butylphthalate	18.275	149	329071	3.370	ng/ul	98
80) Fluoranthene	19.322	202	410745	4.327	ng/ul	94
82) Pyrene	19.675	202	432043	4.406	ng/ul	94
83) Butylbenzylphthalate	20.551	149	125348	2.586	ng/ul#	87
85) Benzo(a)anthracene	21.386	228	407204	4.346	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.316	149	195159	2.613	ng/ul#	96
87) Chrysene	21.439	228	418068	4.628	ng/ul	98
90) Benzo(b)fluoranthene	23.092	252	415390	4.286	ng/ul	97
91) Benzo(k)fluoranthene	23.139	252	398421	4.246	ng/ul	99
93) Benzo(a)pyrene	23.727	252	393544	4.483	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.392	276	445465	3.881	ng/ul	97
95) Dibenzo(a,h)anthracene	26.415	278	386747	4.011	ng/ul	97
96) Benzo(g,h,i)perylene	27.174	276	386211	4.052	ng/ul	97

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