Quantitation Report (Qedit)

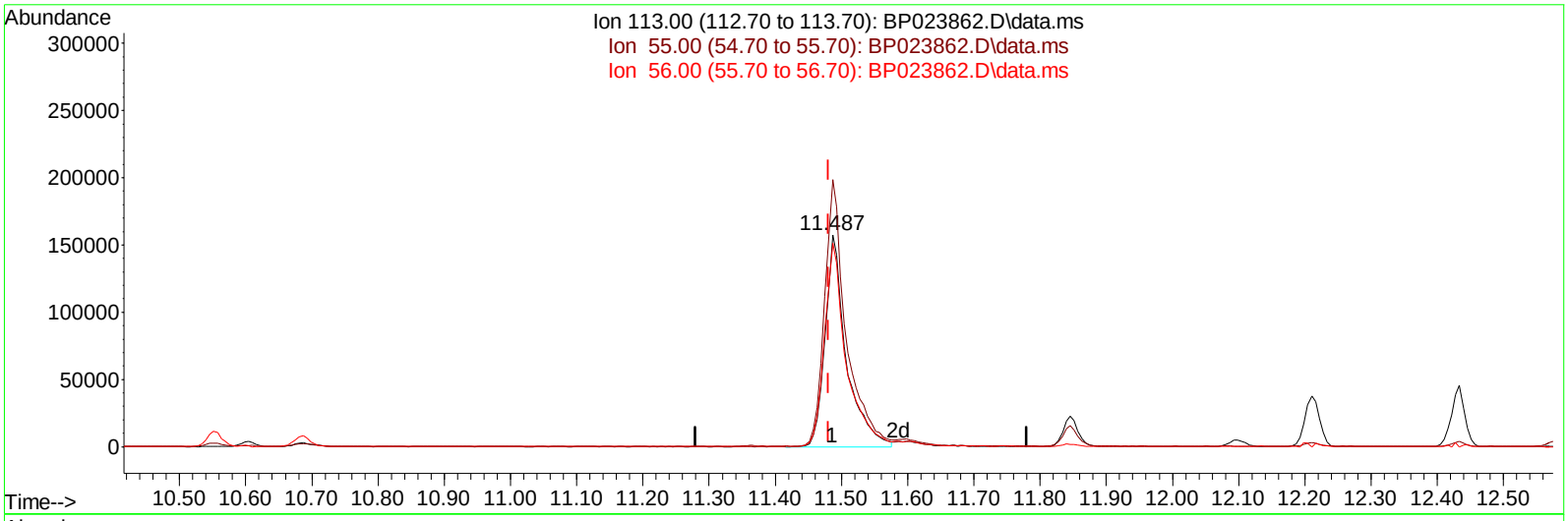
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023862.D
Acq On : 01 Feb 2025 17:31
Operator : RC/JU
Sample : PB166436BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

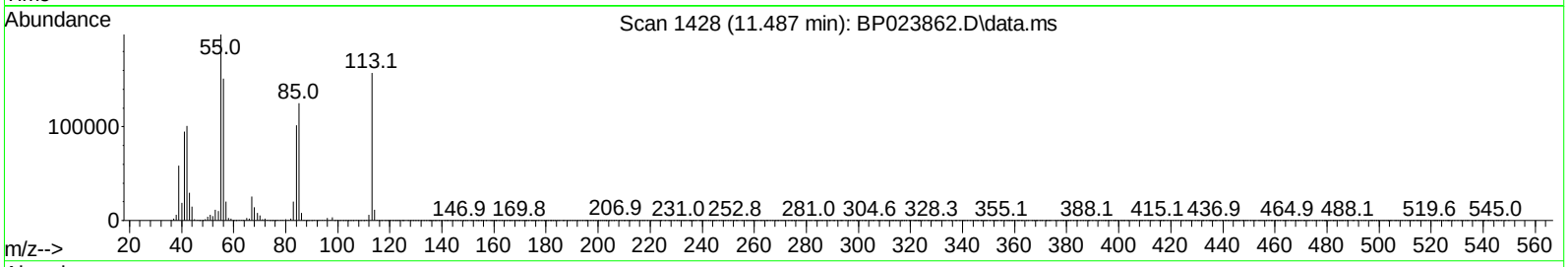
Quant Time: Feb 03 08:39:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

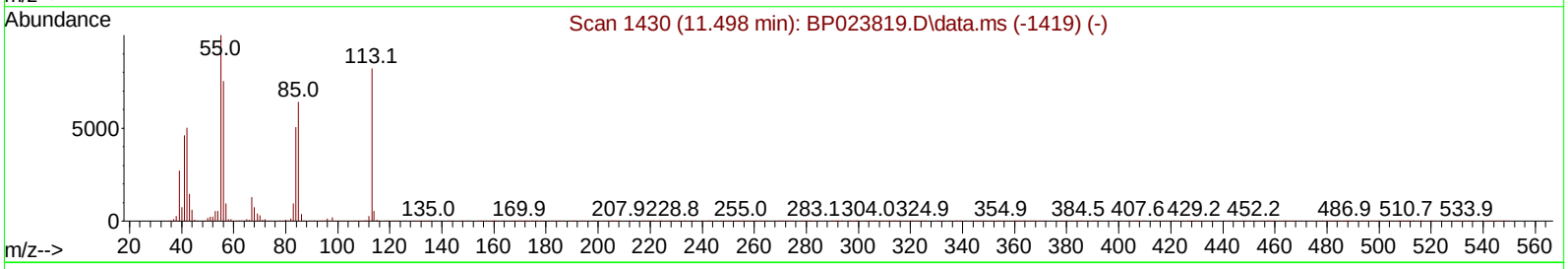
Instrument :
BNA_P
ClientSampleId :
SLCS436

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BP023862.D\data.ms

(34) Caprolactam

11.487min (+ 0.006) 28.96 ng/ul

response 351341

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	125.90
56.00	96.30	95.98
0.00	0.00	0.00

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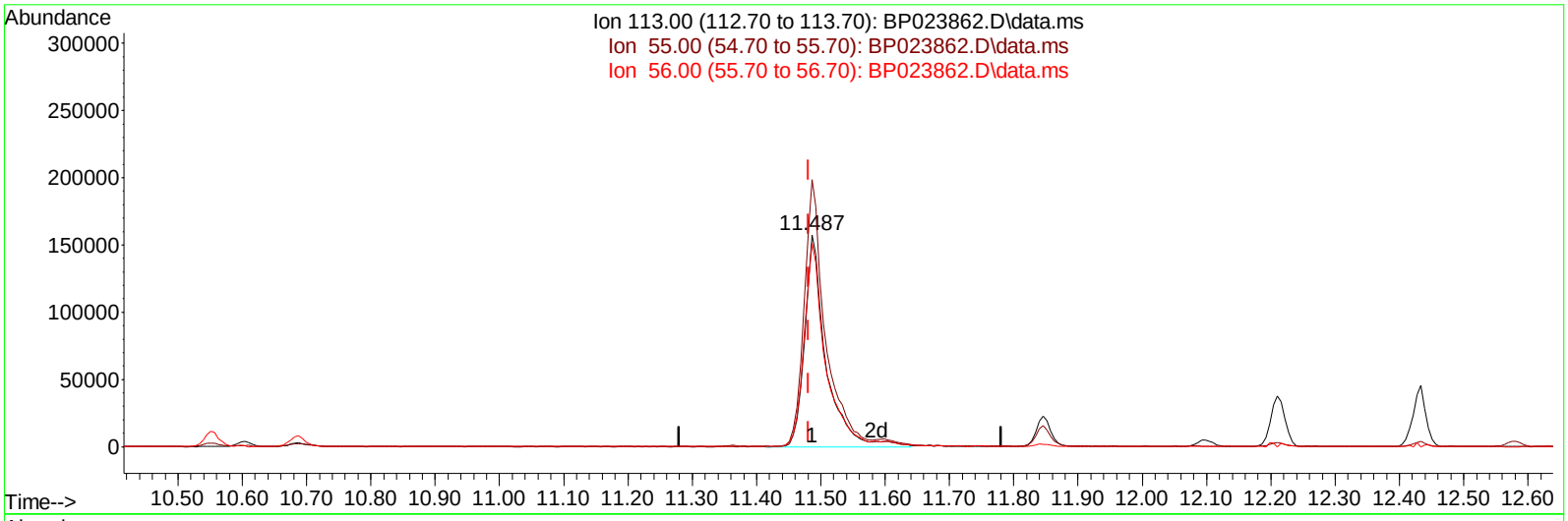

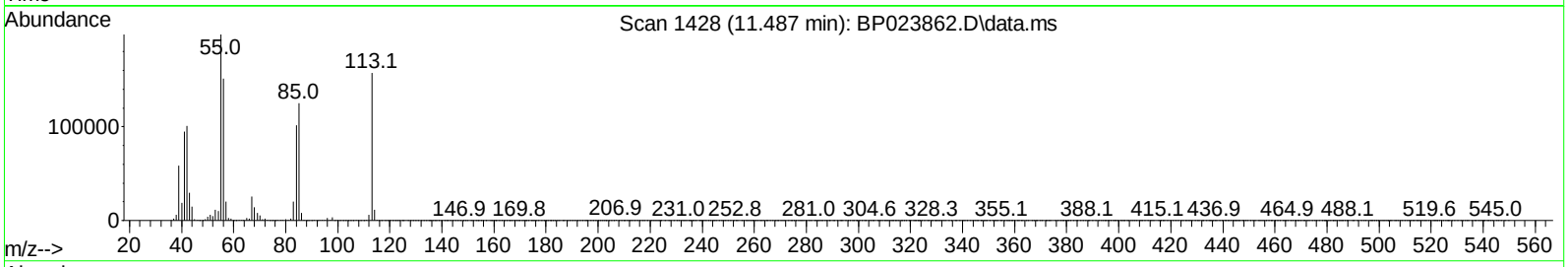

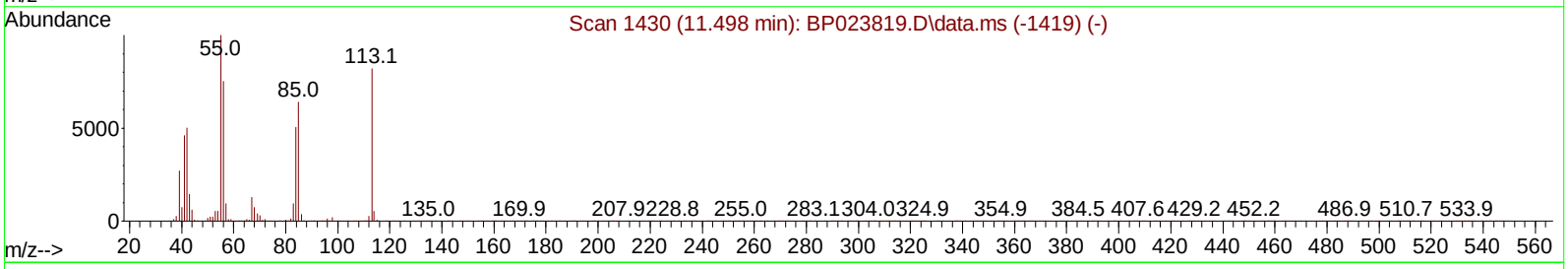

TIC: BP023862.D\data.ms

(34) Caprolactam

11.487min (+ 0.006) 29.89 ng/ul m

response 362612

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	125.90
56.00	96.30	95.98
0.00	0.00	0.00

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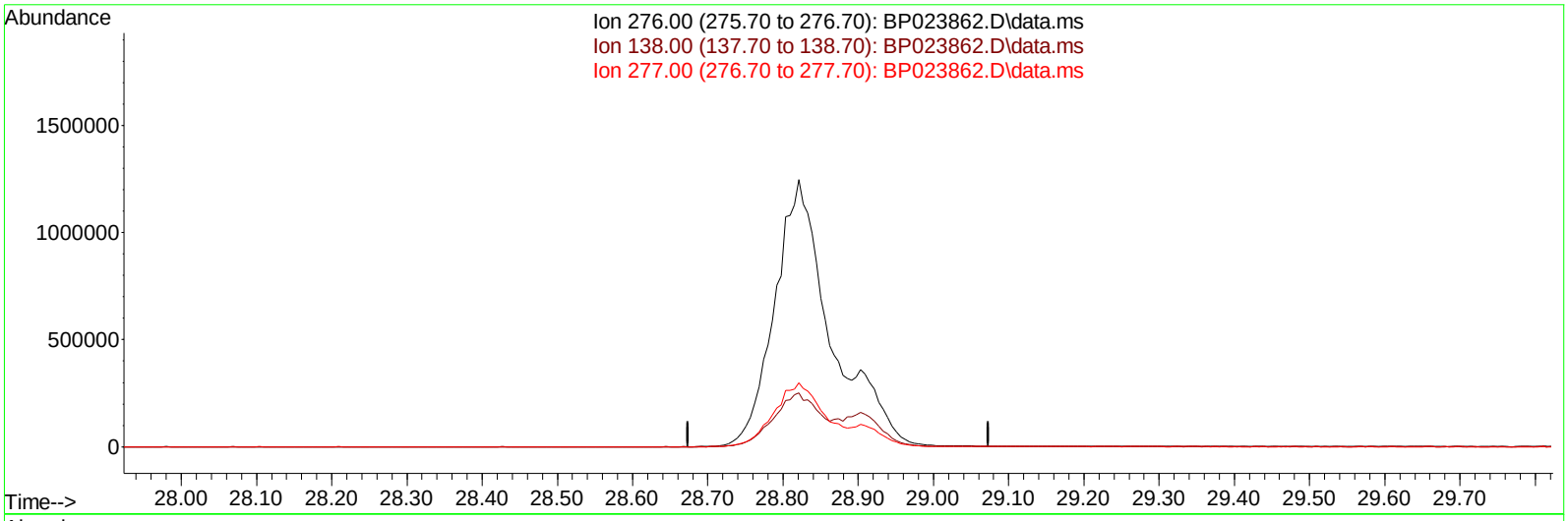

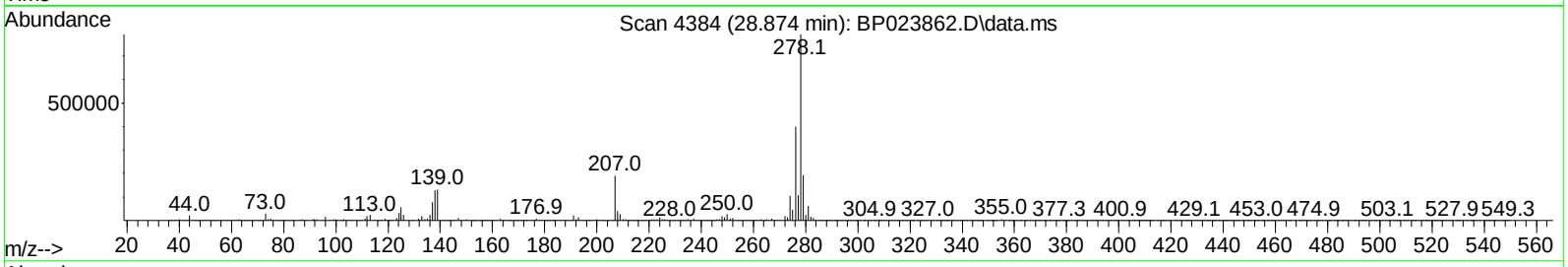

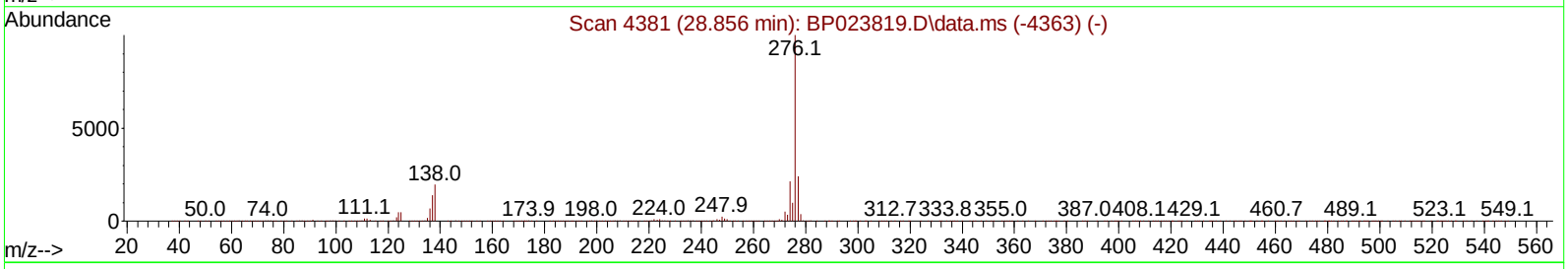

TIC: BP023862.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.874min (-28.874) 0.00 ng/ul

response 0

Ion	Exp%	Act%
276.00	100.00	0.00
138.00	19.90	0.00#
277.00	23.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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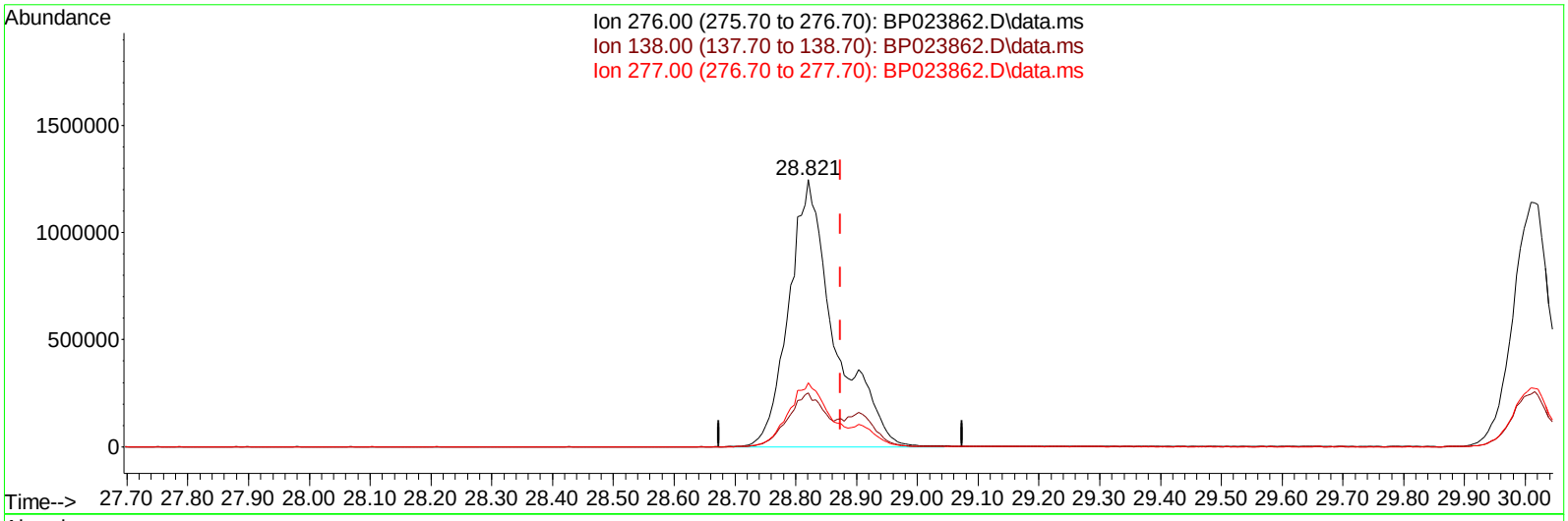

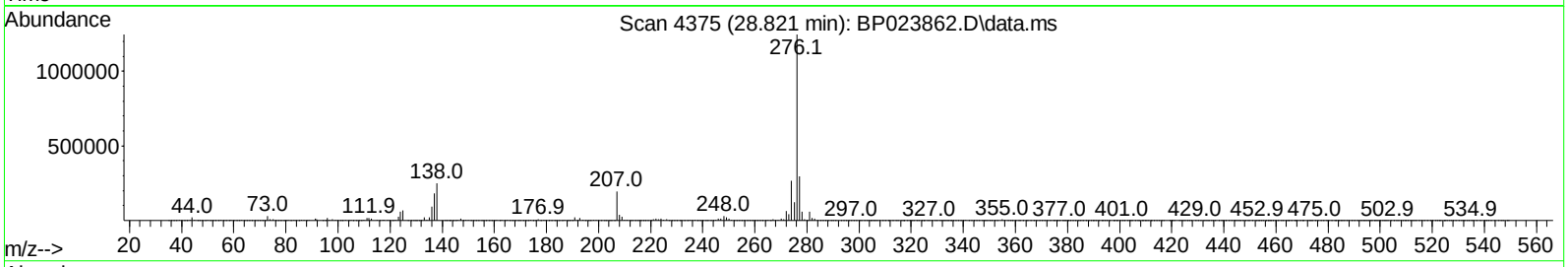

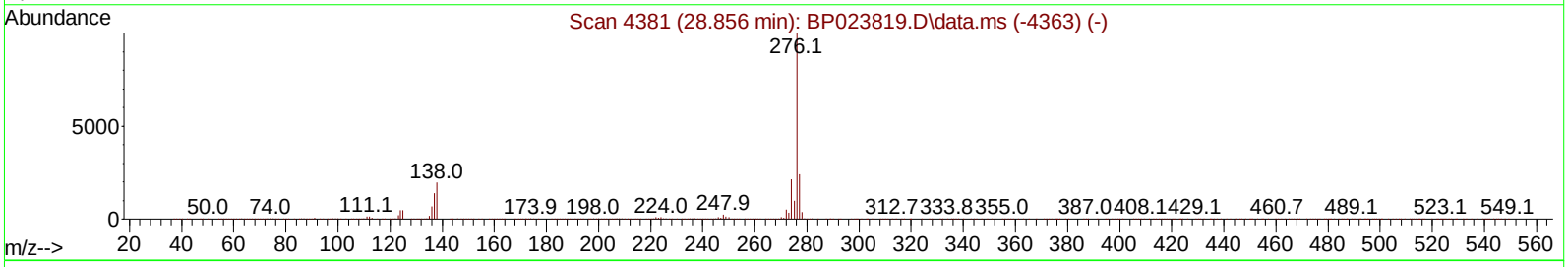

TIC: BP023862.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.821min (-0.053) 37.54 ng/ul m

response 6539886

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.15
277.00	23.70	23.84
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
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Acq On : 01 Feb 2025 17:31
Operator : RC/JU
Sample : PB166436BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Feb 03 08:40:22 2025
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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	467172	20.000	ng/ul	0.02
20) Naphthalene-d8	10.551	136	1949786	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	1204708	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	2280094	20.000	ng/ul	-0.03
79) Chrysene-d12	21.627	240	2325734	20.000	ng/ul	-0.02
88) Perylene-d12	24.986	264	2372065	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	81122	7.215	ng/uL	0.01
4) Pyridine-d5	3.705	84	1074682	33.123	ng/ul	0.01
7) Phenol-d5	6.963	99	1507408	36.461	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	788840	36.047	ng/ul	0.02
11) 2-Chlorophenol-d4	7.322	132	1199612	36.950	ng/ul	0.01
15) 4-Methylphenol-d8	8.487	113	1168791	34.607	ng/ul	0.02
21) Nitrobenzene-d5	8.922	128	572548	36.703	ng/ul	0.01
24) 2-Nitrophenol-d4	9.640	143	609125	36.188	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	1130441	36.609	ng/ul	0.00
31) 4-Chloroaniline-d4	10.687	131	1478850	32.024	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	3133556	34.872	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160	3738749	36.890	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	637730	35.736	ng/ul	0.00
60) Fluorene-d10	15.398	176	2721040	35.958	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	481349	34.220	ng/ul	-0.02
73) Anthracene-d10	17.292	188	4139858	36.979	ng/ul	-0.02
81) Pyrene-d10	19.657	212	4800319	38.521	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.762	264	4744316	38.334	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	157838	13.348	ng/uL	98
5) Pyridine	3.728	79	1051473	32.370	ng/ul	98
6) Benzaldehyde	6.928	77	546393	26.927	ng/ul	99
8) Phenol	6.993	94	1527880	35.991	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.205	93	1140198	35.283	ng/ul	100
12) 2-Chlorophenol	7.357	128	1213379	36.277	ng/ul	99
13) 2-Methylphenol	8.222	108	1103180	34.537	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.293	45	1169755	35.086	ng/ul	99
16) Acetophenone	8.593	105	1809451	35.047	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	831057	34.183	ng/ul	99
18) 4-Methylphenol	8.552	108	1232688	34.782	ng/ul	99
19) Hexachloroethane	8.851	117	464313	35.107	ng/ul	99
22) Nitrobenzene	8.963	77	1254231	37.049	ng/ul	97
23) Isophorone	9.493	82	2343884	34.291	ng/ul	100
25) 2-Nitrophenol	9.675	139	666359	36.295	ng/ul	99
26) 2,4-Dimethylphenol	9.740	107	1011281	29.760	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.963	93	1478395	34.722	ng/ul	99
29) 2,4-Dichlorophenol	10.210	162	1105752	35.312	ng/ul	98
30) Naphthalene	10.604	128	3720715	35.650	ng/ul	100
32) 4-Chloroaniline	10.710	127	1189626	27.297	ng/ul	99
33) Hexachlorobutadiene	10.893	225	665089	35.084	ng/ul	99
34) Caprolactam	11.487	113	362612m	29.890	ng/ul	
35) 4-Chloro-3-methylphenol	11.845	107	1166658	34.659	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.210	142	2552977	34.790	ng/ul	99
37) 1-Methylnaphthalene	12.434	142	2562104	35.195	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.581	216	1302897	36.583	ng/ul	99
40) Hexachlorocyclopentadiene	12.563	237	496062	24.718	ng/ul	99
41) 2,4,6-Trichlorophenol	12.822	196	774263	32.546	ng/ul	99
42) 2,4,5-Trichlorophenol	12.904	196	874494	34.104	ng/ul	100
43) 1,1'-Biphenyl	13.222	154	3239192	36.223	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	2549418	36.588	ng/ul	100
45) 2-Nitroaniline	13.463	65	670494	36.973	ng/ul	96
47) Dimethylphthalate	13.851	163	3094043	34.606	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	622226	35.611	ng/ul	98
50) Acenaphthylene	14.116	152	4017057	37.219	ng/ul	99
51) 3-Nitroaniline	14.298	138	704952	36.712	ng/ul	99
52) Acenaphthene	14.463	153	2697358	35.249	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	277859	26.674	ng/ul	98
55) 4-Nitrophenol	14.628	109	461417	36.547	ng/ul	97
56) Dibenzofuran	14.804	168	3775237	35.604	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	937310	36.065	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.034	232	648228	29.708	ng/ul	95
59) Diethylphthalate	15.228	149	3049650	34.045	ng/ul	99
61) Fluorene	15.457	166	3233600	36.761	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	1566851	35.983	ng/ul	97
63) 4-Nitroaniline	15.475	138	785115	42.024	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.528	198	517089	33.436	ng/ul	98
67) N-Nitrosodiphenylamine	15.669	169	2600010	37.363	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	930804	36.184	ng/ul	98
69) Hexachlorobenzene	16.480	284	1122680	36.019	ng/ul	97
70) Atrazine	16.639	200	308785	11.459	ng/ul	100
71) Pentachlorophenol	16.828	266	534177	27.863	ng/ul	100
72) Phenanthrene	17.228	178	4806391	37.327	ng/ul	99
74) Anthracene	17.328	178	4806038	37.011	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.187	216	1279849	38.332	ng/uL	99
76) Pentachlorobenzene	14.722	250	1254648	34.870	ng/uL	99
77) Carbazole	17.604	167	4438270	39.014	ng/ul	99
78) Di-n-butylphthalate	18.198	149	5134901	36.469	ng/ul	100
80) Fluoranthene	19.316	202	5509507	38.383	ng/ul	99
82) Pyrene	19.686	202	5831875	38.851	ng/ul	97
83) Butylbenzylphthalate	20.633	149	2311784	35.763	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.527	252	1759174	34.961	ng/ul	99
85) Benzo(a)anthracene	21.610	228	5569899	36.420	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.551	149	3267960	34.649	ng/ul	99
87) Chrysene	21.674	228	5365321	38.074	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	5228159	36.768	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	5480733	38.079	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	5586057	38.714	ng/ul	99
93) Benzo(a)pyrene	24.839	252	5033775	37.450	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.821	276	6539886m	37.537	ng/ul	
95) Dibenzo(a,h)anthracene	28.903	278	5399042	38.201	ng/ul	100
96) Benzo(g,h,i)perylene	30.009	276	5089573	38.138	ng/ul	99

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

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