Quantitation Report (Qedit)

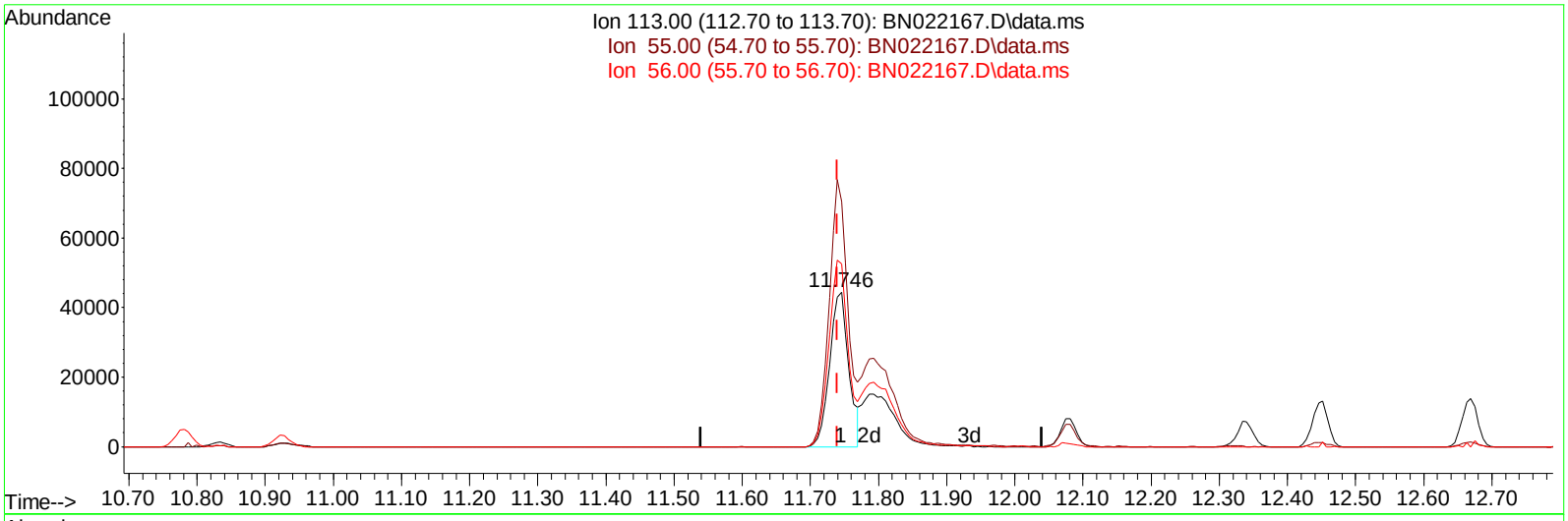
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022167.D
Acq On : 18 Oct 2022 02:03
Operator : CG/JU
Sample : PB148277BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

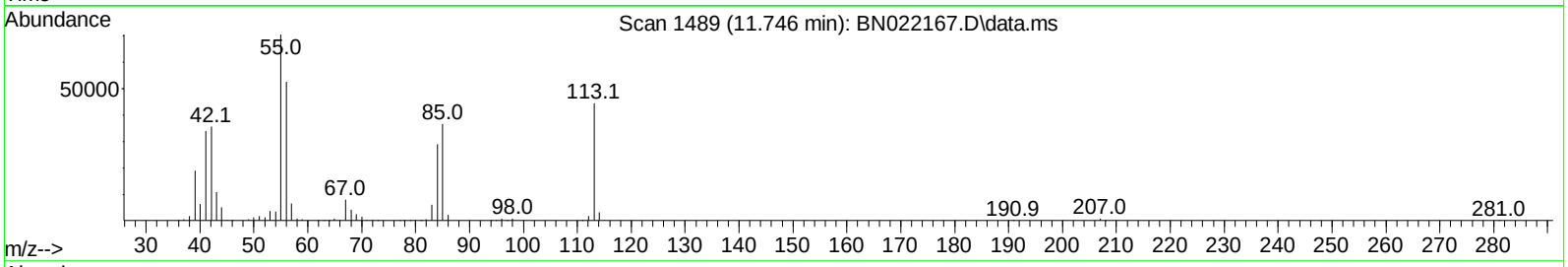
Quant Time: Oct 18 02:31:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

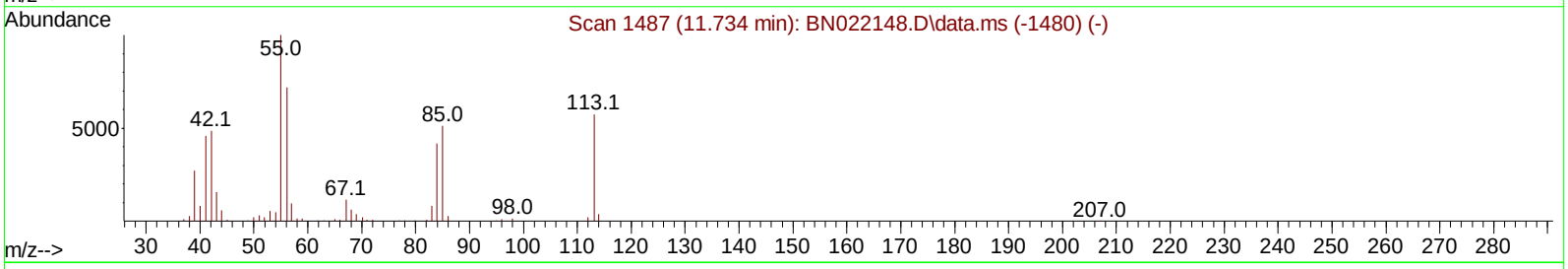
Instrument :
BNA_N
ClientSampleId :
SLCS277

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022







TIC: BN022167.D\data.ms

(34) Caprolactam

11.746min (+ 0.006) 20.79 ng/ul

response 86457

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	158.70
56.00	126.70	118.41
0.00	0.00	0.00

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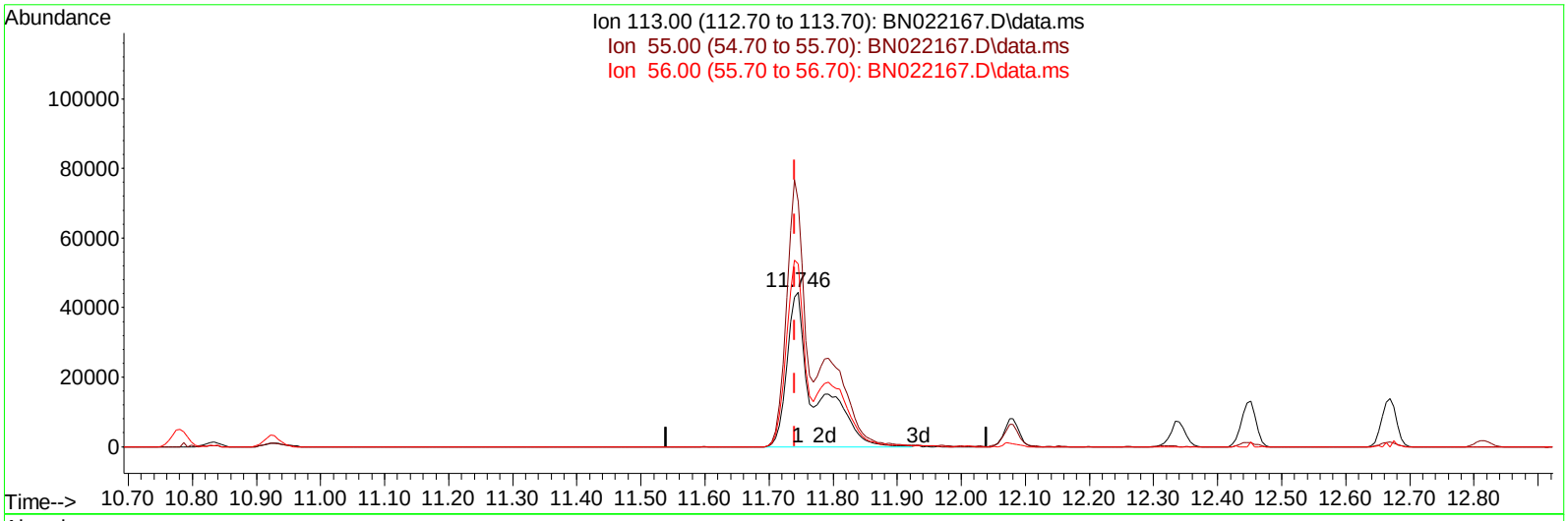

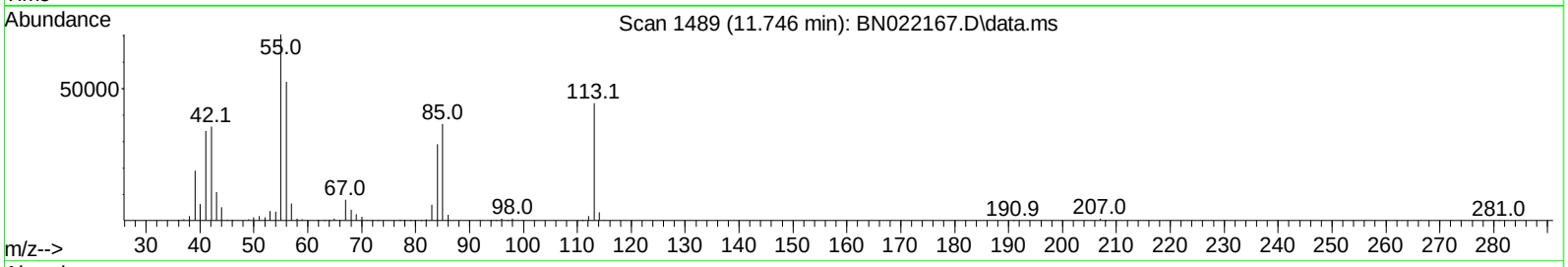

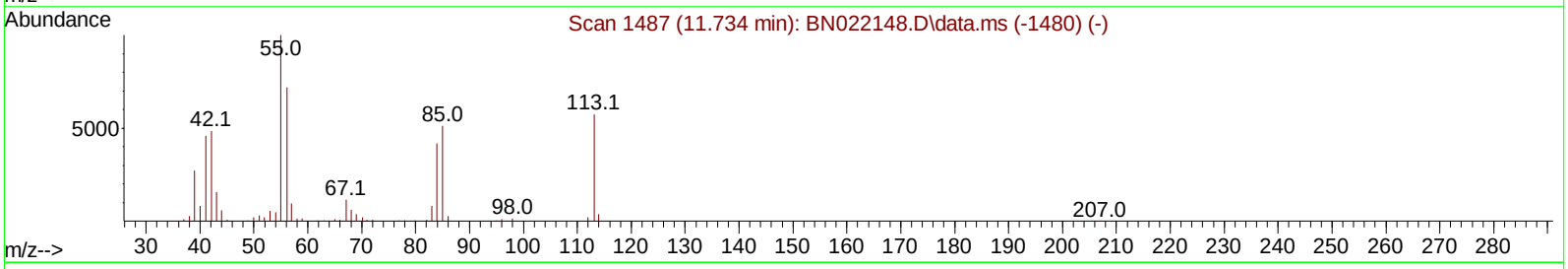

TIC: BN022167.D\data.ms

(34) Caprolactam

11.746min (+ 0.006) 33.04 ng/ul m

response 137411

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	158.70
56.00	126.70	118.41
0.00	0.00	0.00

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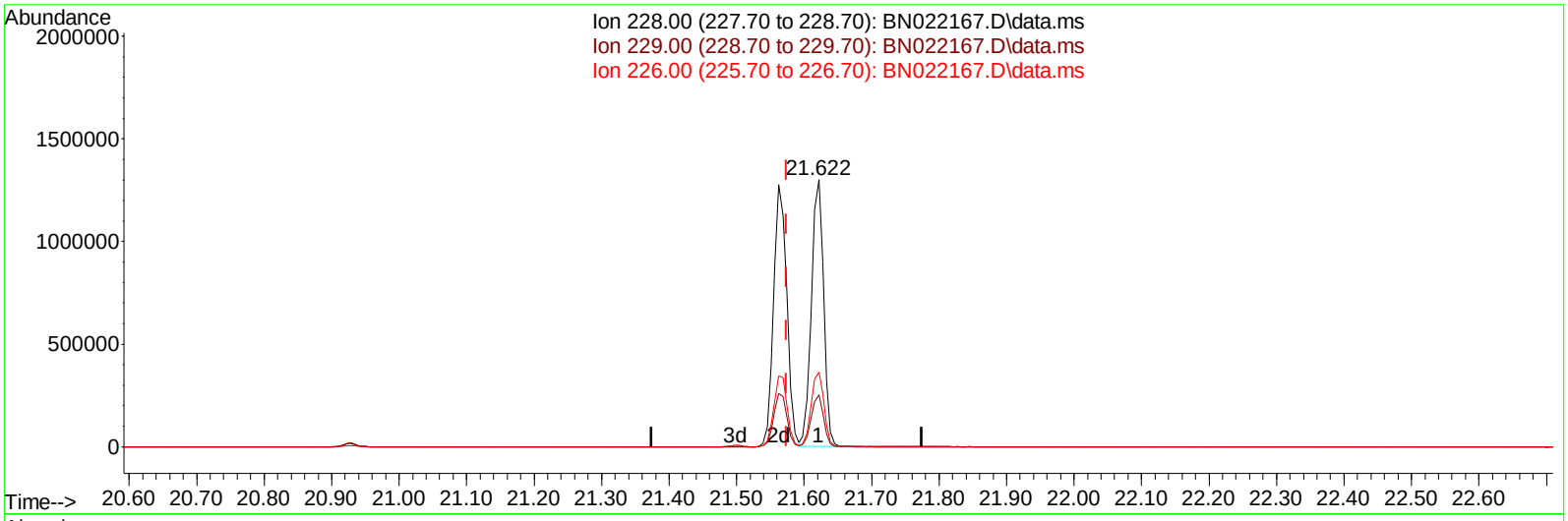

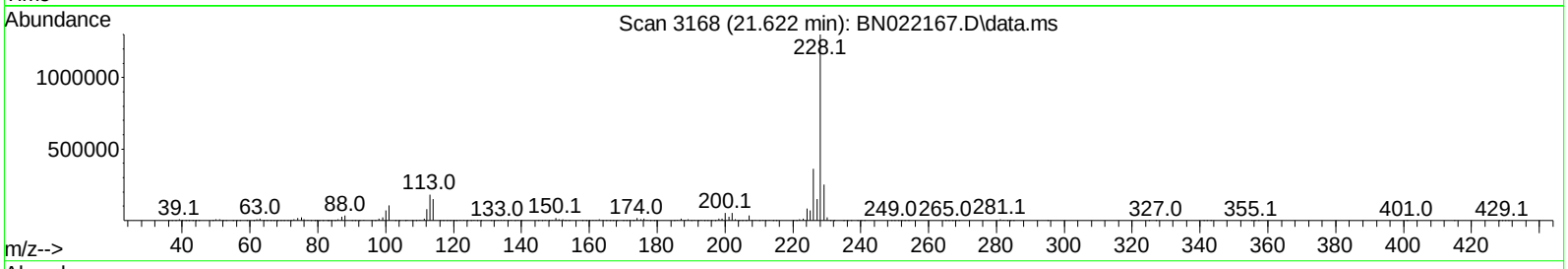

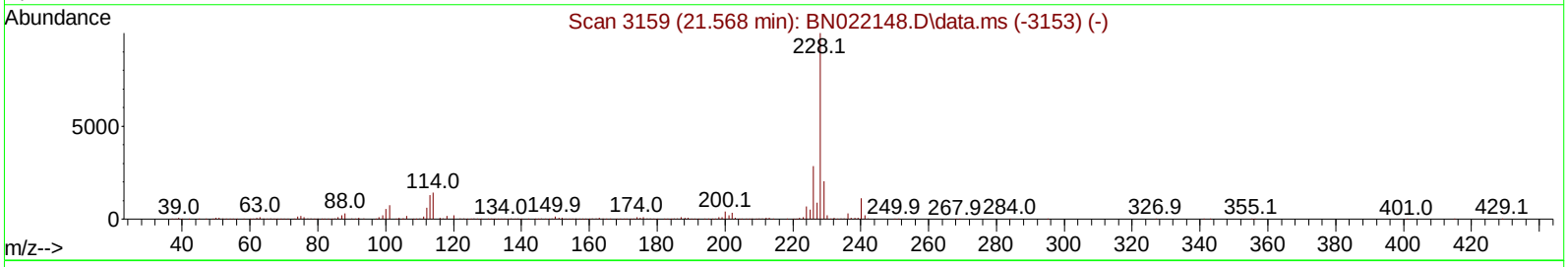

TIC: BN022167.D\data.ms

(85) Benzo(a)anthracene

21.622min (+ 0.047) 33.62 ng/ul

response 1648649

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	16.90	19.36
226.00	26.30	27.93
0.00	0.00	0.00

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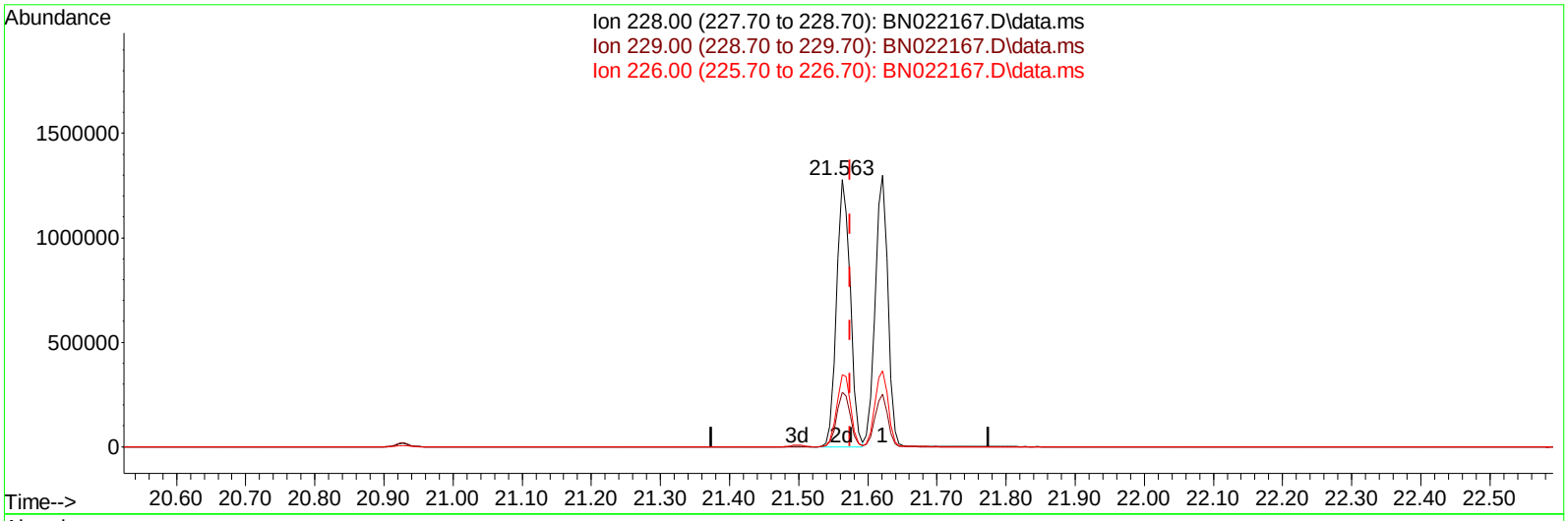

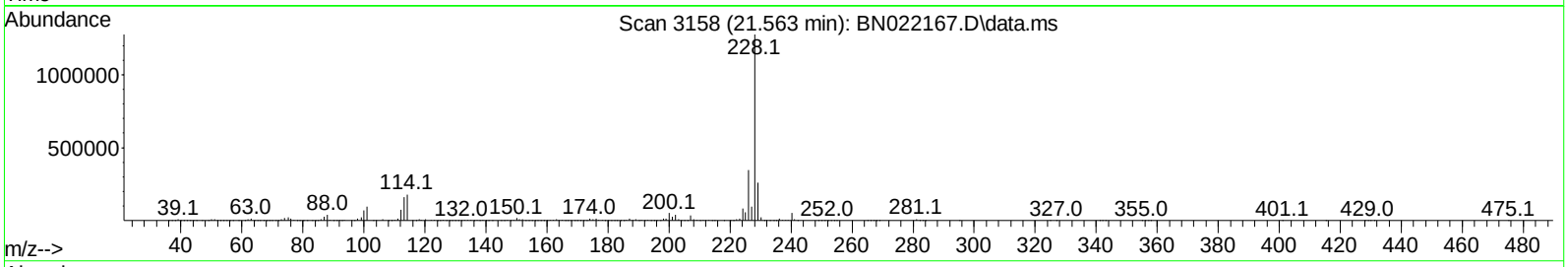

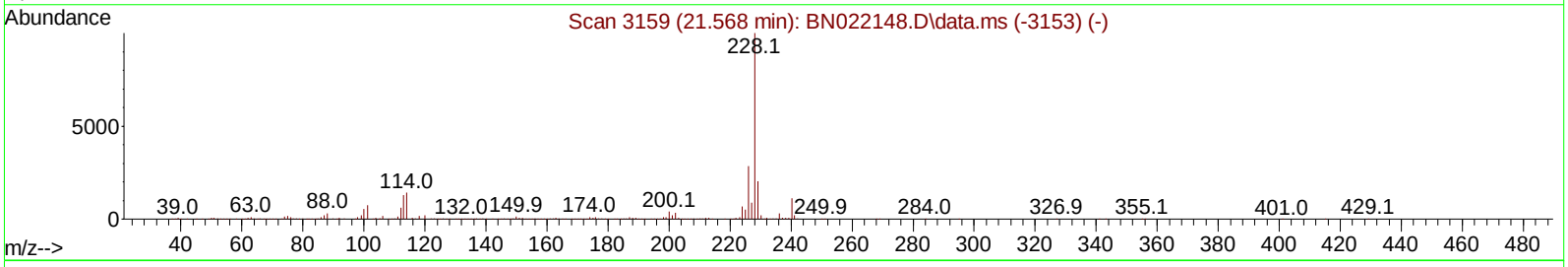

TIC: BN022167.D\data.ms

(85) Benzo(a)anthracene

21.563min (-0.012) 35.53 ng/ul m

response 1742442

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	16.90	20.33#
226.00	26.30	27.10
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	155994	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	727412	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	443171	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	893124	20.000	ng/ul	-0.01
79) Chrysene-d12	21.580	240	767434	20.000	ng/ul	-0.01
88) Perylene-d12	24.045	264	646591	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	24693	6.000	ng/uL	0.00
4) Pyridine-d5	3.687	84	376507	29.408	ng/ul	0.00
7) Phenol-d5	7.111	99	540742	35.458	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	321576	33.651	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.475	132	393143	37.181	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	418399	34.528	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	205723	38.569	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	226237	41.383	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.399	165	392361	38.235	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	535635	31.926	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	1109899	35.928	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1323068	38.352	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	243995	37.003	ng/ul	0.00
60) Fluorene-d10	15.622	176	960572	36.865	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	178171	34.969	ng/ul	0.00
73) Anthracene-d10	17.486	188	1447718	37.301	ng/ul	0.00
81) Pyrene-d10	19.780	212	1593867	41.715	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	1233458	38.898	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	52723	11.754	ng/uL	98
5) Pyridine	3.711	79	371836	29.277	ng/ul	95
6) Benzaldehyde	7.081	77	323572	42.966	ng/ul	98
8) Phenol	7.134	94	532168	32.877	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	411097	31.924	ng/ul	98
12) 2-Chlorophenol	7.505	128	396108	33.927	ng/ul	99
13) 2-Methylphenol	8.405	108	394497	32.597	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	567385	30.791	ng/ul	98
16) Acetophenone	8.793	105	617562	31.898	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.781	70	326183	31.632	ng/ul	97
18) 4-Methylphenol	8.740	108	436940	32.245	ng/ul	99
19) Hexachloroethane	9.040	117	157305	34.510	ng/ul	97
22) Nitrobenzene	9.175	77	490400	34.819	ng/ul	99
23) Isophorone	9.705	82	926860	33.332	ng/ul	99
25) 2-Nitrophenol	9.893	139	234745	36.384	ng/ul	97
26) 2,4-Dimethylphenol	9.952	107	447698	32.911	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.193	93	578232	33.255	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	379206	35.433	ng/ul	99
30) Naphthalene	10.834	128	1304378	33.474	ng/ul	99
32) 4-Chloroaniline	10.952	127	523603	30.105	ng/ul	100
33) Hexachlorobutadiene	11.110	225	205911	35.065	ng/ul	96
34) Caprolactam	11.746	113	137411m	33.044	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	439197	34.039	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	12.446	142	874794	32.508	ng/ul	99
37) 1-Methylnaphthalene	12.669	142	872237	32.367	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.816	216	403794	35.124	ng/ul	99
40) Hexachlorocyclopentadiene	12.787	237	179134	27.872	ng/ul	93
41) 2,4,6-Trichlorophenol	13.057	196	288598	36.815	ng/ul	99
42) 2,4,5-Trichlorophenol	13.128	196	317381	36.355	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	1123272	34.720	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	881828	34.885	ng/ul	93
45) 2-Nitroaniline	13.716	65	295981	37.795	ng/ul	100
47) Dimethylphthalate	14.087	163	1102672	33.206	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	239437	38.494	ng/ul	96
50) Acenaphthylene	14.351	152	1385528	35.169	ng/ul	99
51) 3-Nitroaniline	14.540	138	258991	35.264	ng/ul	97
52) Acenaphthene	14.693	153	945437	33.841	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	109613	26.014	ng/ul	96
55) 4-Nitrophenol	14.851	109	181078	33.869	ng/ul	99
56) Dibenzofuran	15.028	168	1277329	33.505	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	339575	37.266	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.251	232	261374	35.976	ng/ul	98
59) Diethylphthalate	15.451	149	1134306	33.630	ng/ul	97
61) Fluorene	15.681	166	1047539	34.180	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.669	204	467582	32.561	ng/ul	93
63) 4-Nitroaniline	15.710	138	284362	41.496	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	173148	31.653	ng/ul#	95
67) N-Nitrosodiphenylamine	15.887	169	908617	35.179	ng/ul	95
68) 4-Bromophenyl-phenylether	16.569	248	302077	38.288	ng/ul	89
69) Hexachlorobenzene	16.681	284	341423	35.550	ng/ul	99
70) Atrazine	16.845	200	319382	36.719	ng/ul	98
71) Pentachlorophenol	17.028	266	200348	33.736	ng/ul	91
72) Phenanthrene	17.428	178	1647305	34.191	ng/ul	99
74) Anthracene	17.516	178	1699678	35.518	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.422	216	424811	37.816	ng/uL	95
76) Pentachlorobenzene	14.945	250	380646	31.569	ng/uL#	89
77) Carbazole	17.792	167	1615768	36.504	ng/ul	99
78) Di-n-butylphthalate	18.351	149	2025369	36.921	ng/ul	99
80) Fluoranthene	19.445	202	1926008	40.157	ng/ul	97
82) Pyrene	19.810	202	1926327	38.390	ng/ul	99
83) Butylbenzylphthalate	20.710	149	927691	42.613	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	579378	34.909	ng/ul	97
85) Benzo(a)anthracene	21.563	228	1742442m	35.533	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.486	149	1365056	43.353	ng/ul	99
87) Chrysene	21.622	228	1648649	34.985	ng/ul	97
89) Di-n-octyl phthalate	22.427	149	2382918	52.016	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1549271	37.990	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	1511322	37.511	ng/ul	100
93) Benzo(a)pyrene	23.939	252	1315869	36.102	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.645	276	1507535	33.092	ng/ul	98
95) Dibenzo(a,h)anthracene	26.662	278	1278829	31.376	ng/ul	96
96) Benzo(g,h,i)perylene	27.439	276	1241028	30.280	ng/ul	98

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

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