

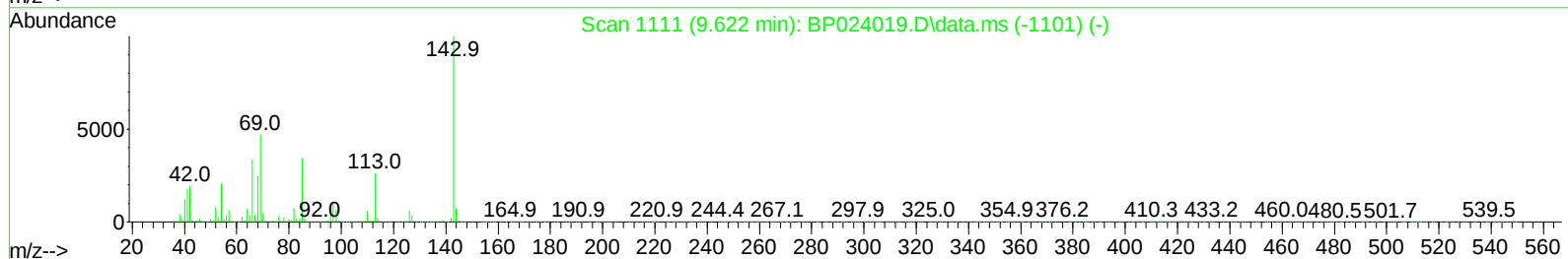
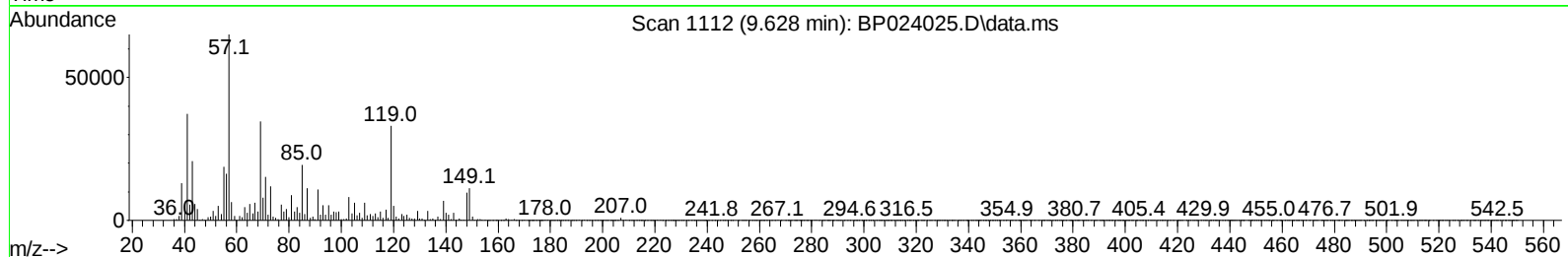
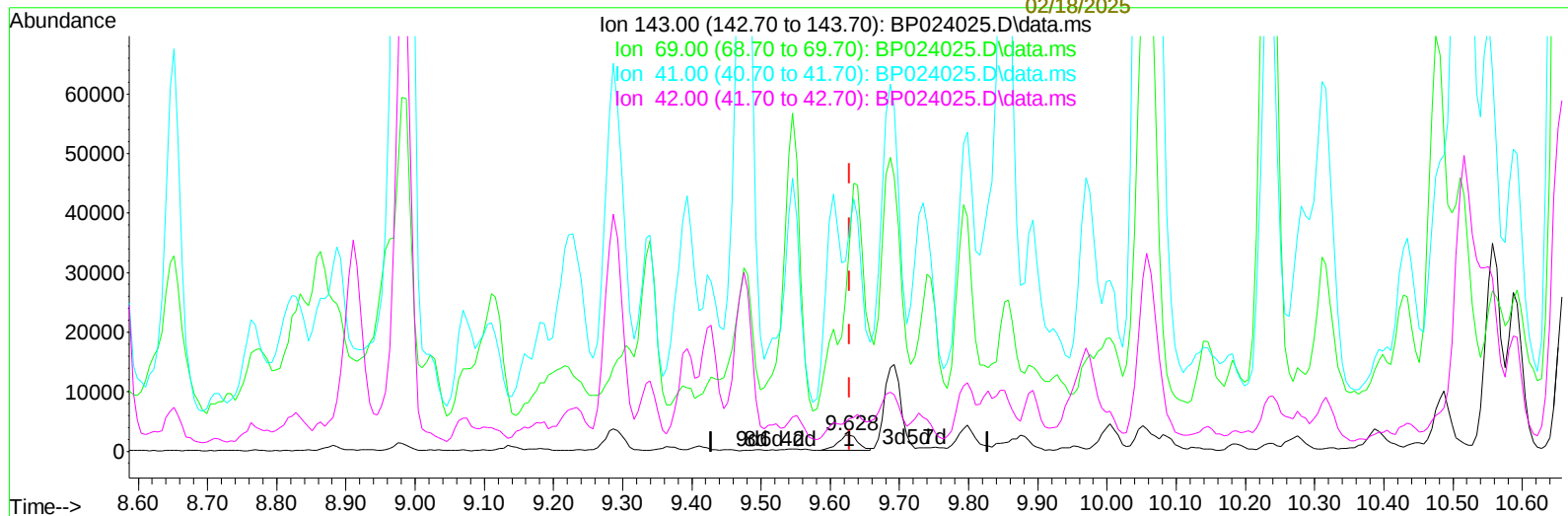
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024025.D
Acq On : 10 Feb 2025 23:56
Operator : RC/JU
Sample : Q1274-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCZT0MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 12 16:50:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Reviewed By :Jagrut
Upadhyay
02/12/2025
Supervised By :Sohil
Jodhani
02/18/2025



TIC: BP024025.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.628min (-0.000) 0.33 ng/u1

response 5226

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	44.20	1253.71#
41.00	16.60	1345.78#
42.00	18.20	199.20#

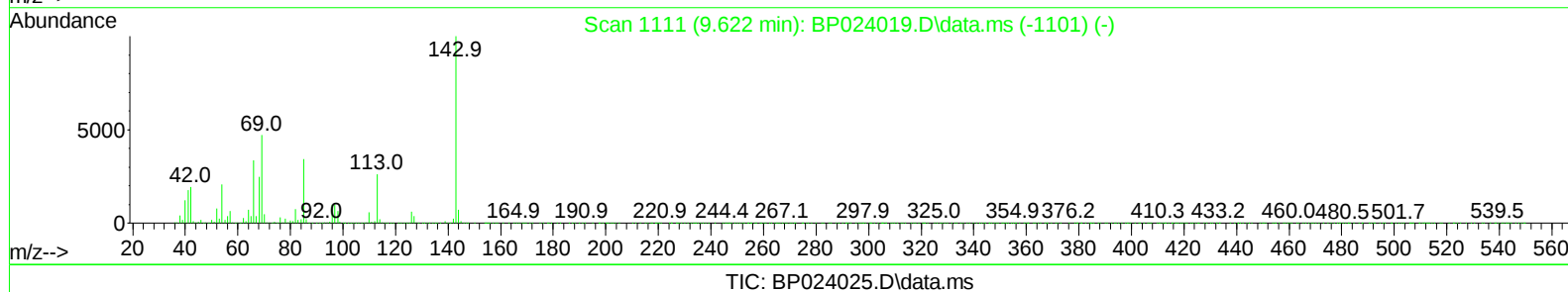
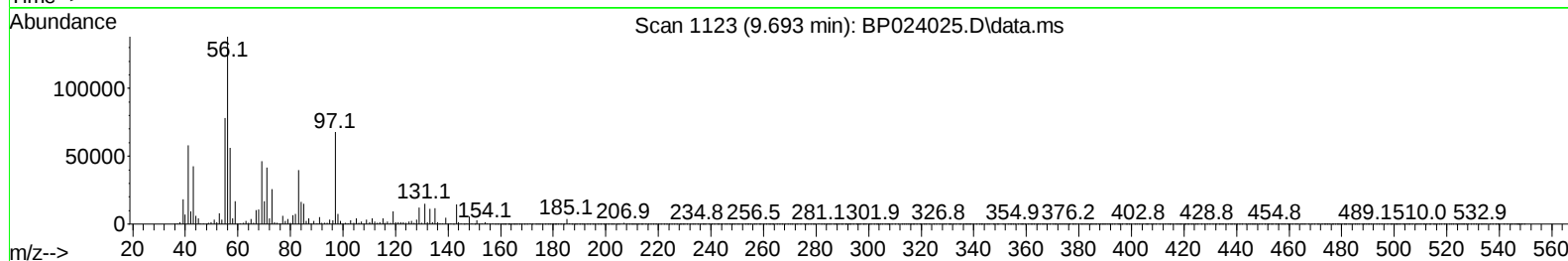
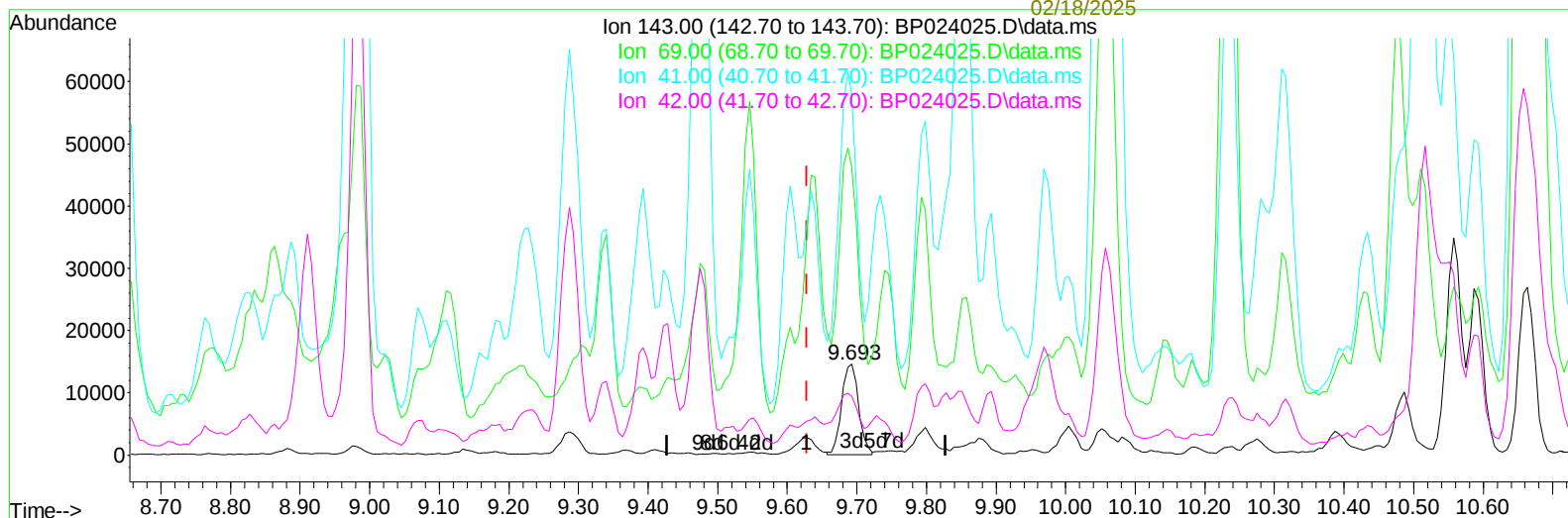
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024025.D
Acq On : 10 Feb 2025 23:56
Operator : RC/JU
Sample : Q1274-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Reviewed By :Jagrut
Upadhyay
02/12/2025
Supervised By :Sohil
Jodhani
02/18/2025



(24) 2-Nitrophenol-d4 (S)

9.693min (+ 0.065) 1.53 ng/u1 m

response 24406

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	44.20	316.50#
41.00	16.60	396.66#
42.00	18.20	64.69#

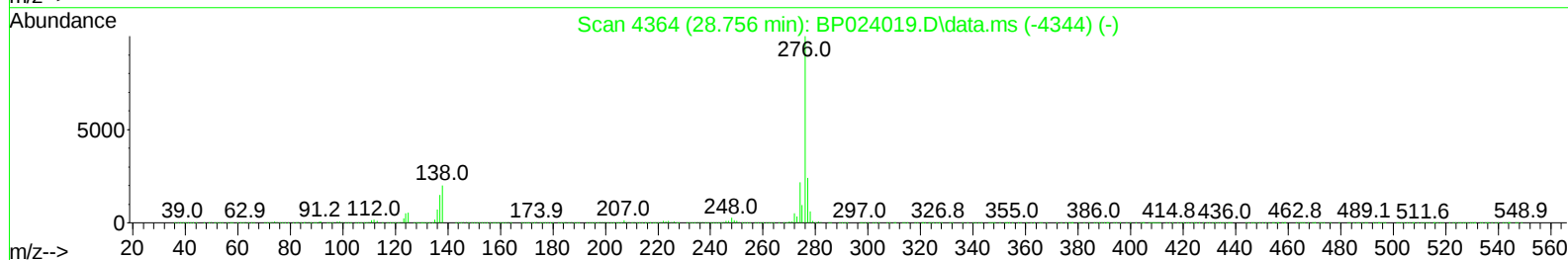
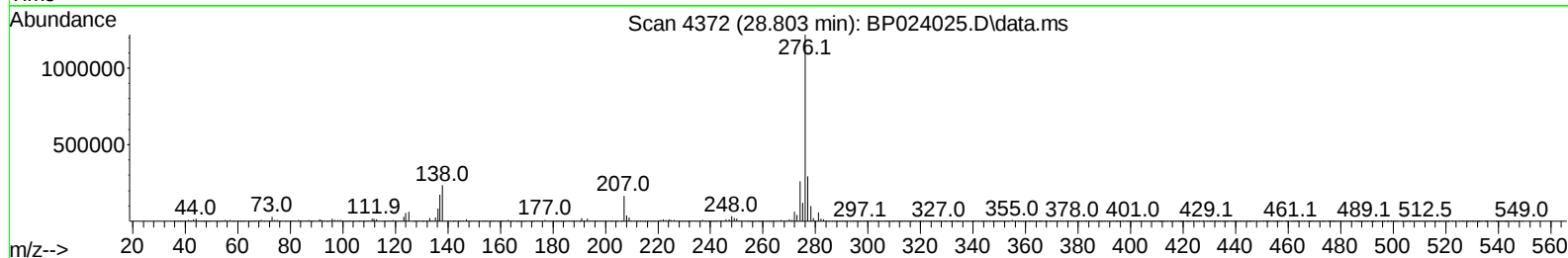
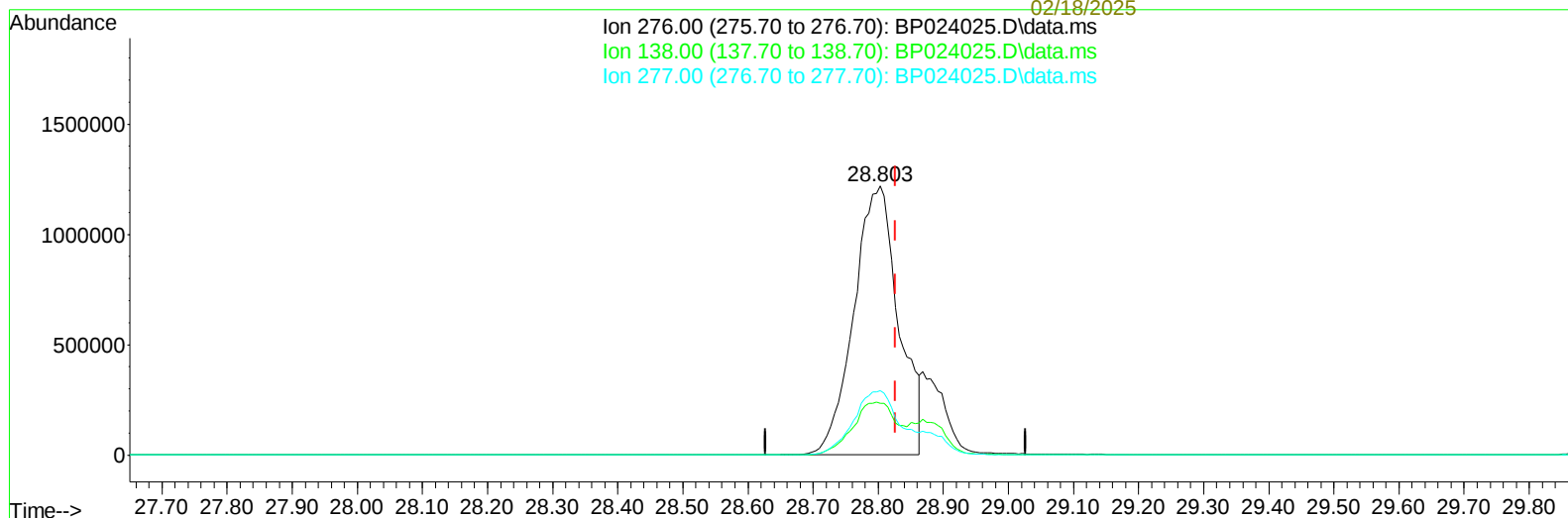
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024025.D
Acq On : 10 Feb 2025 23:56
Operator : RC/JU
Sample : Q1274-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCZT0MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 12 16:50:29 2025
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Upadhyay
02/12/2025
Supervised By :Sohil
Jodhani
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TIC: BP024025.D\data.ms

(94) Indeno(1,2,3-cd)pyrene**28.803min (-0.024) 32.59 ng/u1****response 5835771**

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.21
277.00	23.70	23.92
0.00	0.00	0.00

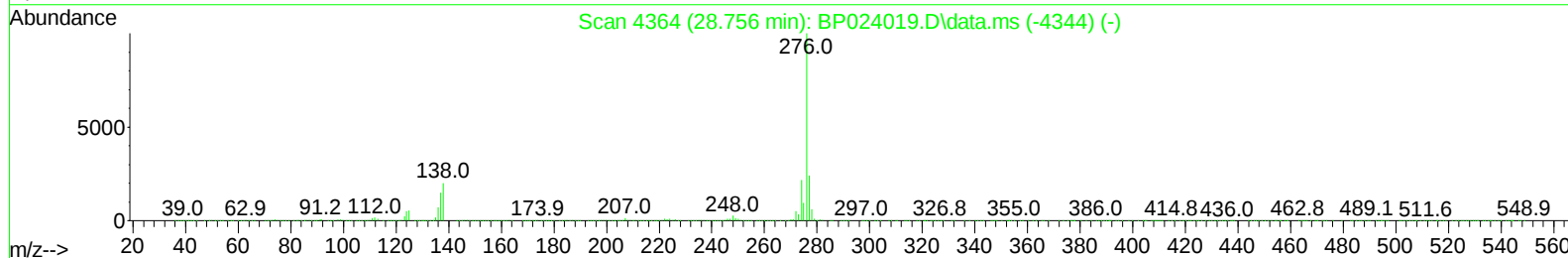
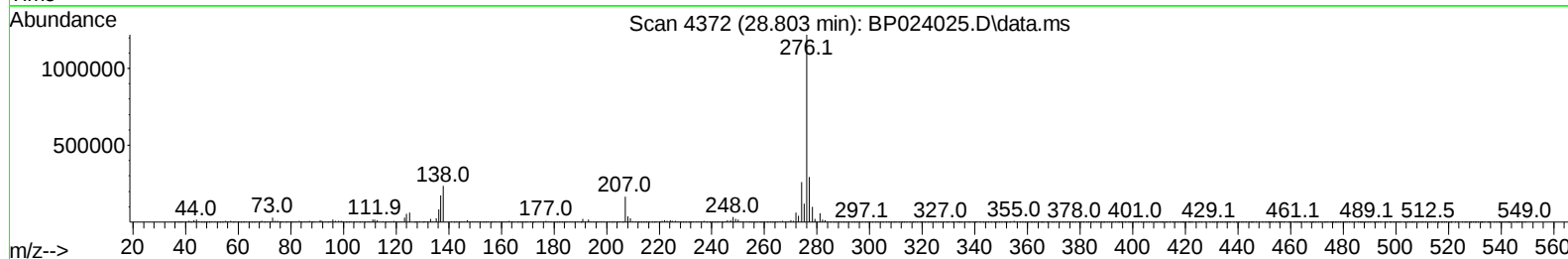
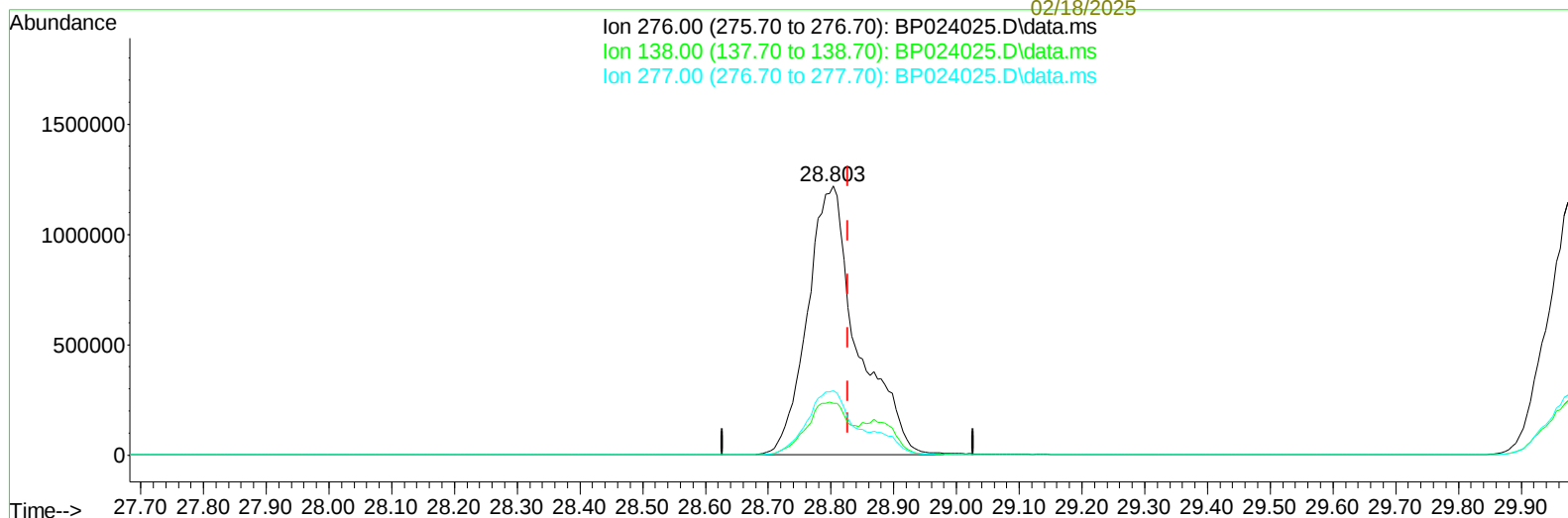
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024025.D
Acq On : 10 Feb 2025 23:56
Operator : RC/JU
Sample : Q1274-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCZT0MSD

Manual IntegrationsAPPROVED

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Upadhyay
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TIC: BP024025.D\data.ms

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

28.803min (-0.024) 37.82 ng/ul m

response 6773660

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.21
277.00	23.70	23.92
0.00	0.00	0.00

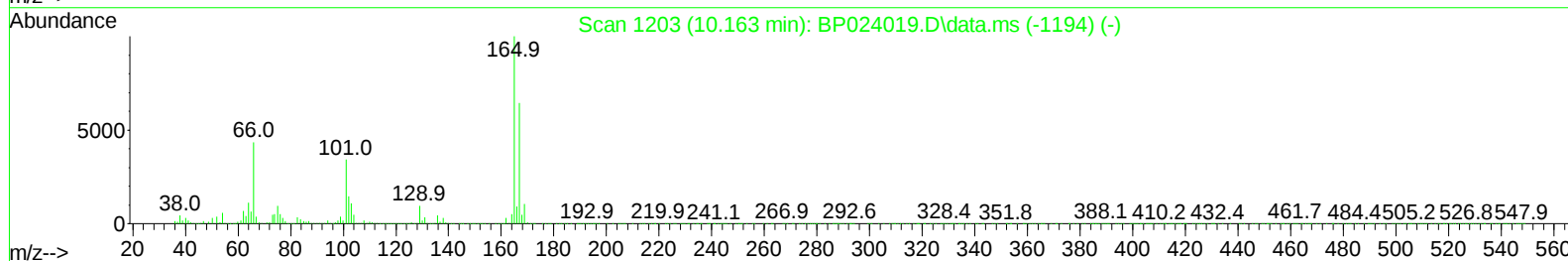
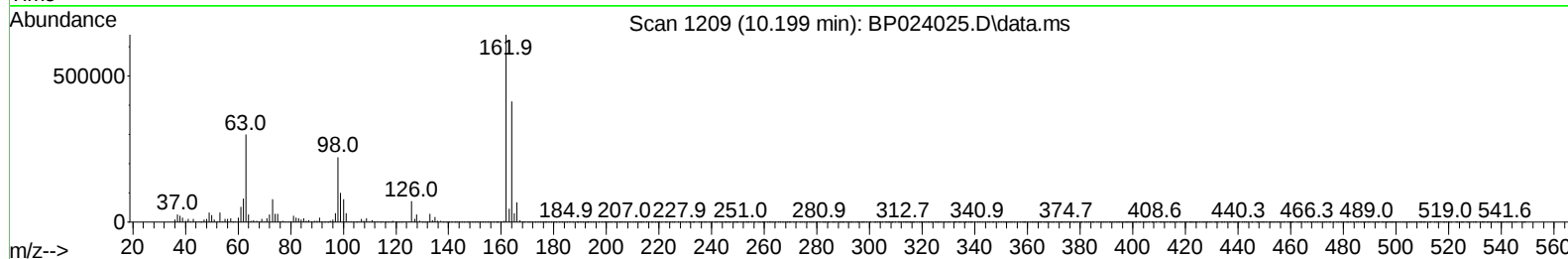
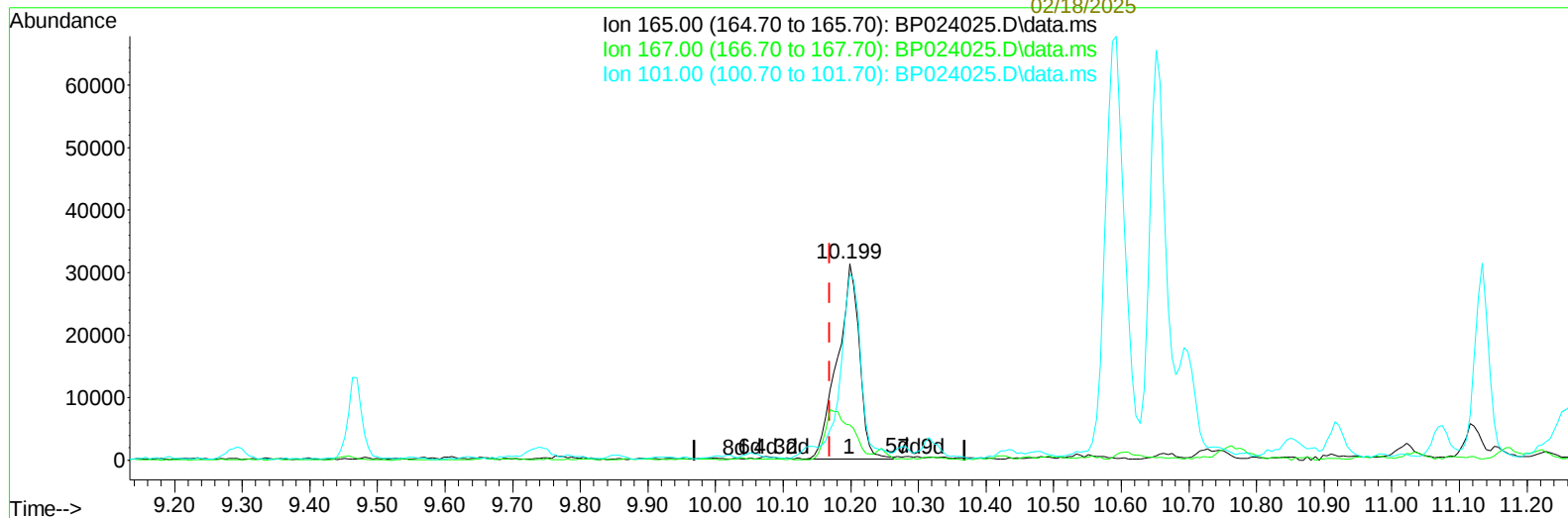
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024025.D
Acq On : 10 Feb 2025 23:56
Operator : RC/JU
Sample : Q1274-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCZT0MSD

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Reviewed By :Jagrut
Upadhyay
02/12/2025
Supervised By :Sohil
Jodhani
02/18/2025



TIC: BP024025.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)**10.199min (+ 0.029) 2.41 ng/u1****response 70375**

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	64.70	18.02#
101.00	32.10	94.96#
0.00	0.00	0.00

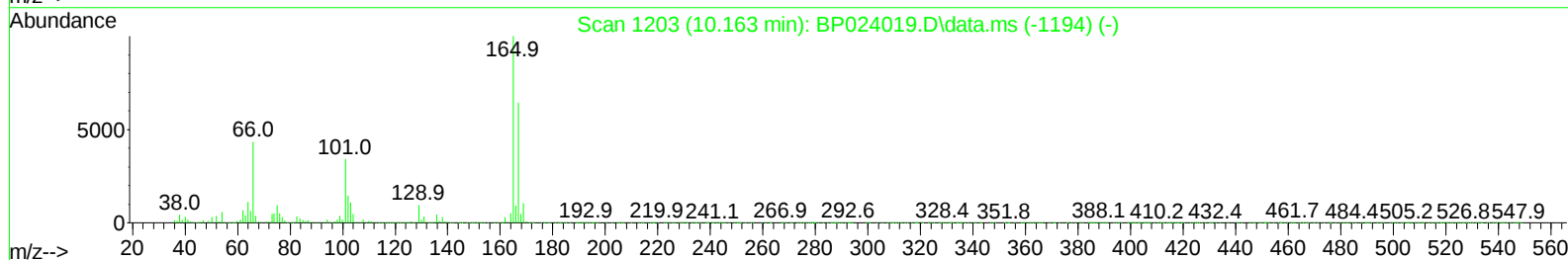
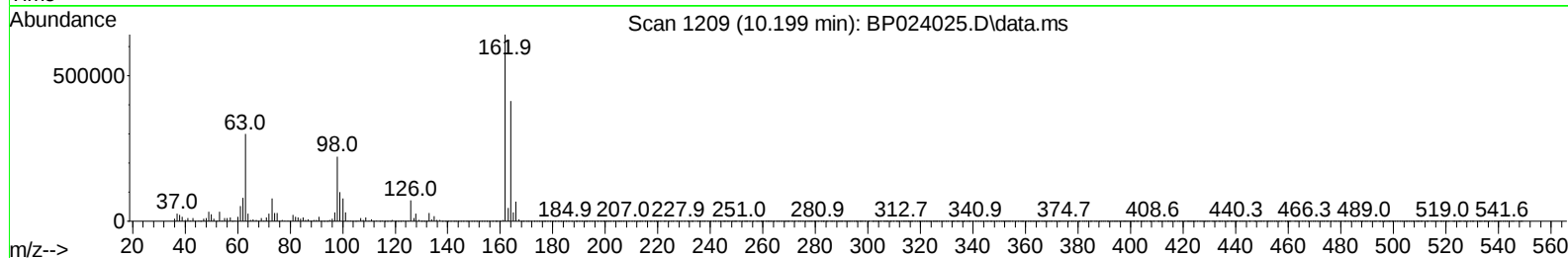
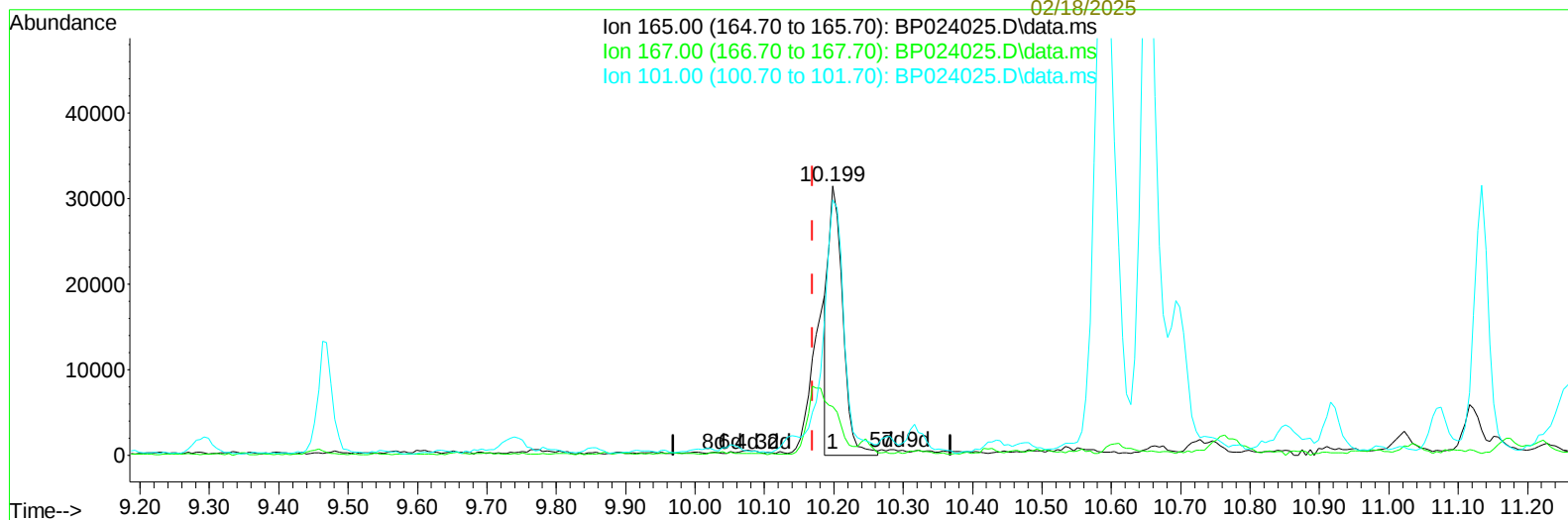
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024025.D
Acq On : 10 Feb 2025 23:56
Operator : RC/JU
Sample : Q1274-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCZT0MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 12 16:50:29 2025
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Reviewed By :Jagrut
Upadhyay
02/12/2025
Supervised By :Sohil
Jodhani
02/18/2025



TIC: BP024025.D\data.ms

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

10.199min (+ 0.029) 1.56 ng/ul m

response 45627

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	64.70	18.02#
101.00	32.10	94.96#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Feb 12 16:55:30 2025
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
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Reviewed By :Jagrut
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 02/12/2025
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 Jodhani
 02/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	439969	20.000	ng/ul	0.00
20) Naphthalene-d8	10.540	136	1847366	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	1185499	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	2277285	20.000	ng/ul	0.00
79) Chrysene-d12	21.610	240	2241666	20.000	ng/ul	-0.03
88) Perylene-d12	24.968	264	2438226	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	53457	5.048	ng/uL	0.00
4) Pyridine-d5	3.699	84	797438	26.098	ng/ul	0.00
7) Phenol-d5	6.958	99	453204	11.640	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	594694	28.856	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	86221	2.820	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	580069	18.237	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	449625	30.421	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	24406m	1.530	ng/ul	0.06
28) 2,4-Dichlorophenol-d3	10.199	165	45627m	1.560	ng/ul	0.03
31) 4-Chloroaniline-d4	10.669	131	1229894	28.109	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	2473545	27.973	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	3046853	30.550	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	69868	3.979	ng/ul	0.00
60) Fluorene-d10	15.392	176	2233329	29.991	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	11365	0.809	ng/ul	0.02
73) Anthracene-d10	17.281	188	3598440	32.182	ng/ul	0.00
81) Pyrene-d10	19.645	212	3911779	32.568	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.733	264	4108386	32.295	ng/ul	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	152361	13.682	ng/uL	98
5) Pyridine	3.717	79	1072449	35.057	ng/ul	100
6) Benzaldehyde	6.916	77	210540	11.017	ng/ul	96
8) Phenol	6.987	94	1548559	38.733	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.193	93	1080129	35.491	ng/ul	100
12) 2-Chlorophenol	7.346	128	1215433	38.586	ng/ul	99
13) 2-Methylphenol	8.216	108	1110785	36.925	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.281	45	1119913	35.668	ng/ul	98
16) Acetophenone	8.581	105	1859369	38.241	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.563	70	798348	34.868	ng/ul	98
18) 4-Methylphenol	8.540	108	1224212	36.679	ng/ul	98
19) Hexachloroethane	8.834	117	490005	39.341	ng/ul	96
22) Nitrobenzene	8.952	77	1194098	37.228	ng/ul	100
23) Isophorone	9.475	82	2571499	39.706	ng/ul	99
25) 2-Nitrophenol	9.657	139	635952	36.559	ng/ul	99
26) 2,4-Dimethylphenol	9.728	107	1017275	31.596	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.951	93	1414456	35.063	ng/ul	99
29) 2,4-Dichlorophenol	10.199	162	1122411	37.831	ng/ul	99
30) Naphthalene	10.587	128	3716539	37.584	ng/ul	99
32) 4-Chloroaniline	10.698	127	812651	19.681	ng/ul	100
33) Hexachlorobutadiene	10.875	225	695757	38.736	ng/ul	99
34) Caprolactam	11.481	113	387965	33.753	ng/ul#	52
35) 4-Chloro-3-methylphenol	11.840	107	1152015	36.121	ng/ul	99

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Quant Time: Feb 12 16:55:30 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.193	142	2726228	39.211	ng/ul	99
37) 1-Methylnaphthalene	12.410	142	2686696	38.952	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	1308338	37.331	ng/ul	100
40) Hexachlorocyclopentadiene	12.545	237	530830	26.879	ng/ul	100
41) 2,4,6-Trichlorophenol	12.810	196	877004	37.463	ng/ul	99
42) 2,4,5-Trichlorophenol	12.898	196	956170	37.894	ng/ul	99
43) 1,1'-Biphenyl	13.210	154	3288210	37.366	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	2485866	36.254	ng/ul	98
45) 2-Nitroaniline	13.451	65	669828	37.535	ng/ul	97
47) Dimethylphthalate	13.839	163	2995830	34.050	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	637081	37.052	ng/ul	97
50) Acenaphthylene	14.104	152	3869679	36.434	ng/ul	99
51) 3-Nitroaniline	14.287	138	456875	24.178	ng/ul	99
52) Acenaphthene	14.451	153	2808685	37.299	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	278891	27.207	ng/ul	95
55) 4-Nitrophenol	14.645	109	483557	38.921	ng/ul	87
56) Dibenzofuran	14.792	168	3800997	36.427	ng/ul	98
57) 2,4-Dinitrotoluene	14.757	165	917000	35.856	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.028	232	853862	39.767	ng/ul#	93
59) Diethylphthalate	15.222	149	3041572	34.505	ng/ul	99
61) Fluorene	15.445	166	3136977	36.240	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	1521149	35.500	ng/ul	97
63) 4-Nitroaniline	15.475	138	774192	42.111	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.528	198	474560	30.724	ng/ul#	80
67) N-Nitrosodiphenylamine	15.663	169	2834988	40.790	ng/ul	97
68) 4-Bromophenyl-phenylether	16.351	248	986469	38.395	ng/ul	98
69) Hexachlorobenzene	16.475	284	1238424	39.782	ng/ul	98
70) Atrazine	16.639	200	962706	35.769	ng/ul	97
71) Pentachlorophenol	16.833	266	1448171	75.630	ng/ul	100
72) Phenanthrene	17.222	178	5284558	41.091	ng/ul	98
74) Anthracene	17.316	178	4925280	37.976	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.169	216	1277453	38.307	ng/uL	99
76) Pentachlorobenzene	14.716	250	1371086	38.153	ng/uL	98
77) Carbazole	17.592	167	4550549	40.050	ng/ul#	97
78) Di-n-butylphthalate	18.186	149	5488496	39.028	ng/ul	100
80) Fluoranthene	19.298	202	5575845	40.302	ng/ul	100
82) Pyrene	19.674	202	5971196	41.271	ng/ul	98
83) Butylbenzylphthalate	20.627	149	2521017	40.463	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.516	252	1739977	35.876	ng/ul	100
85) Benzo(a)anthracene	21.592	228	5618456	38.115	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.533	149	3758776	41.348	ng/ul	98
87) Chrysene	21.663	228	5321196	39.177	ng/ul	98
89) Di-n-octyl phthalate	22.816	149	6165860	42.186	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	5750131	38.866	ng/ul	98
91) Benzo(k)fluoranthene	23.980	252	5588652	37.681	ng/ul	99
93) Benzo(a)pyrene	24.815	252	5257841	38.056	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.803	276	6773660m	37.823	ng/ul	
95) Dibenzo(a,h)anthracene	28.880	278	5490116	37.791	ng/ul	100
96) Benzo(g,h,i)perylene	29.974	276	5211752	37.994	ng/ul	99

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

