

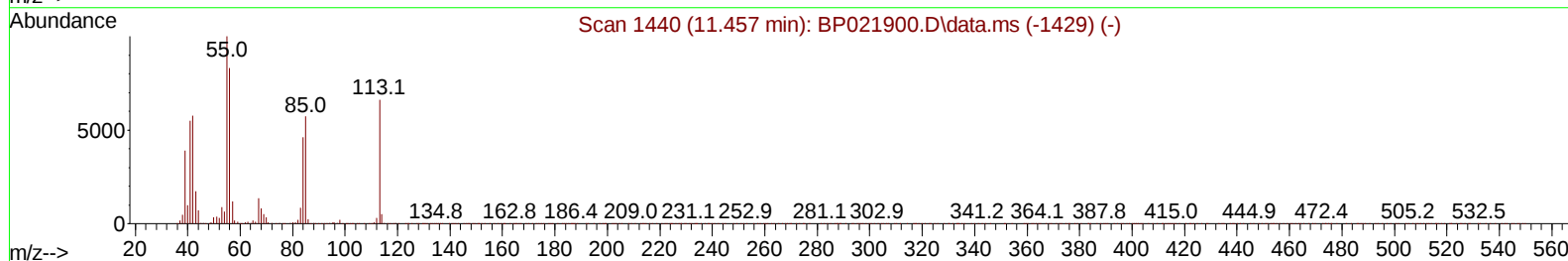
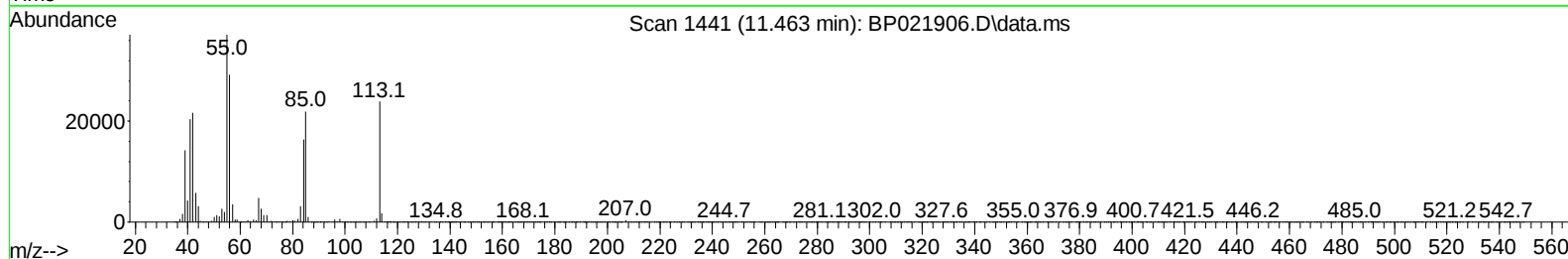
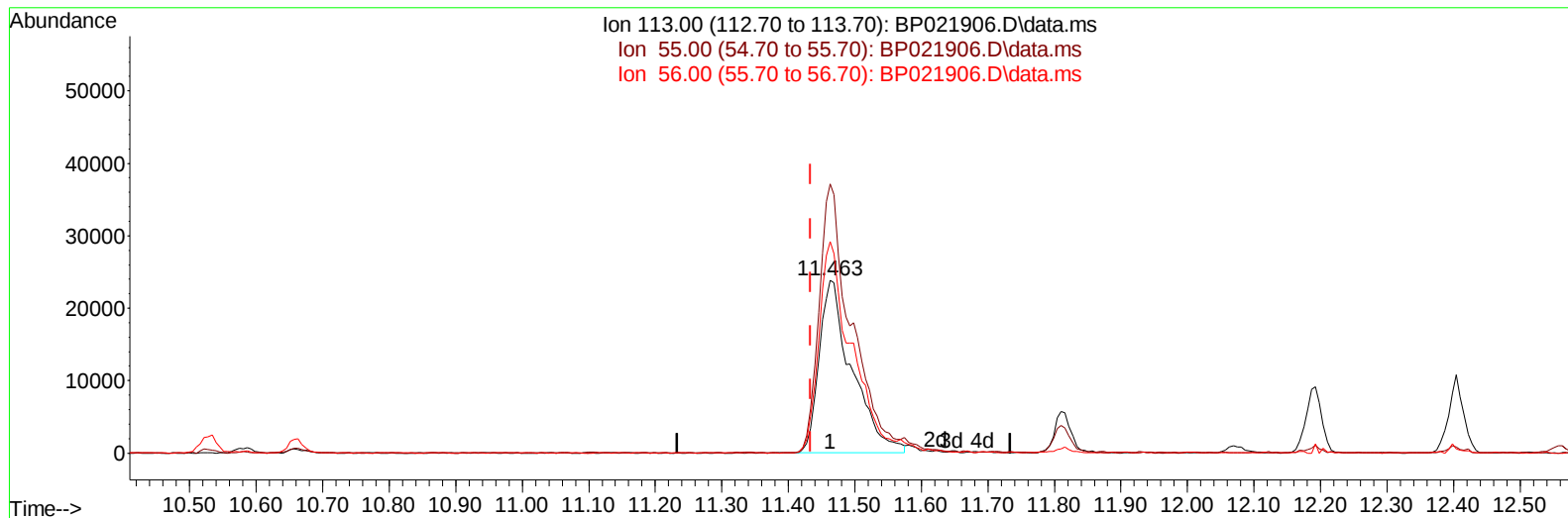
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021906.D
Acq On : 13 Sep 2024 13:06
Operator : RC/JU
Sample : PB163354BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS354

Manual IntegrationsAPPROVED

Quant Time: Sep 13 13:39:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



TIC: BP021906.D\data.ms

(34) Caprolactam

11.463min (+ 0.029) 42.37 ng/ul

response 81946

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.10	155.63
56.00	108.00	122.50
0.00	0.00	0.00

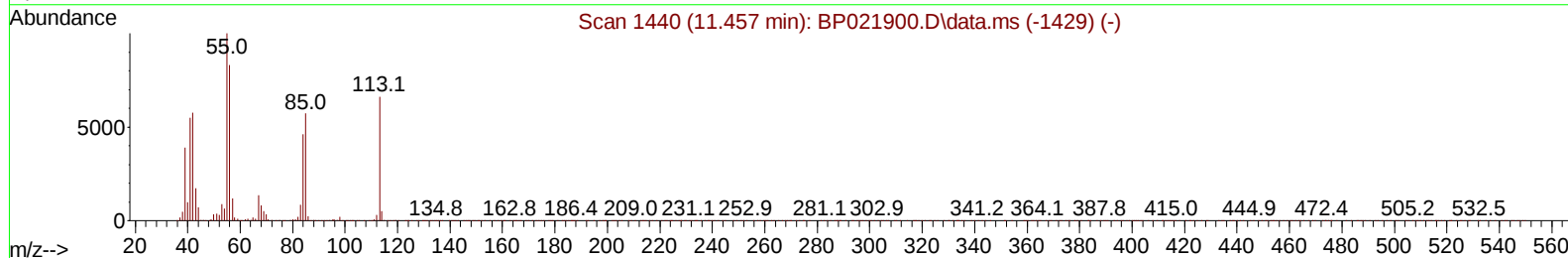
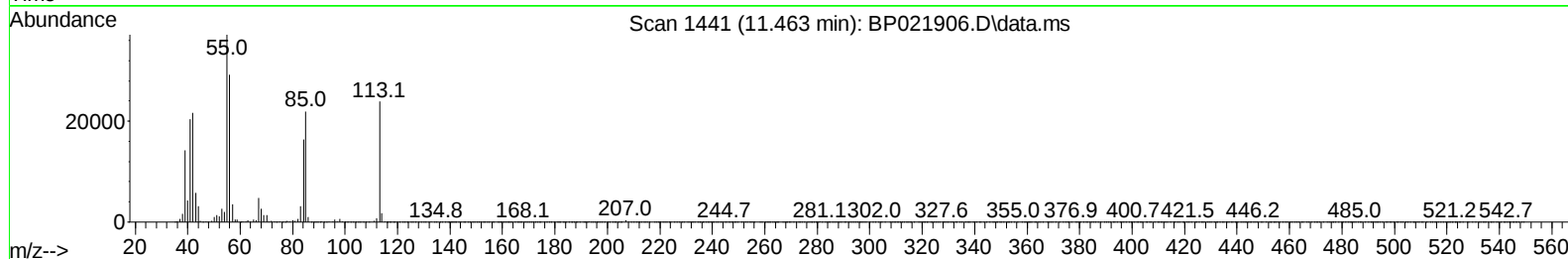
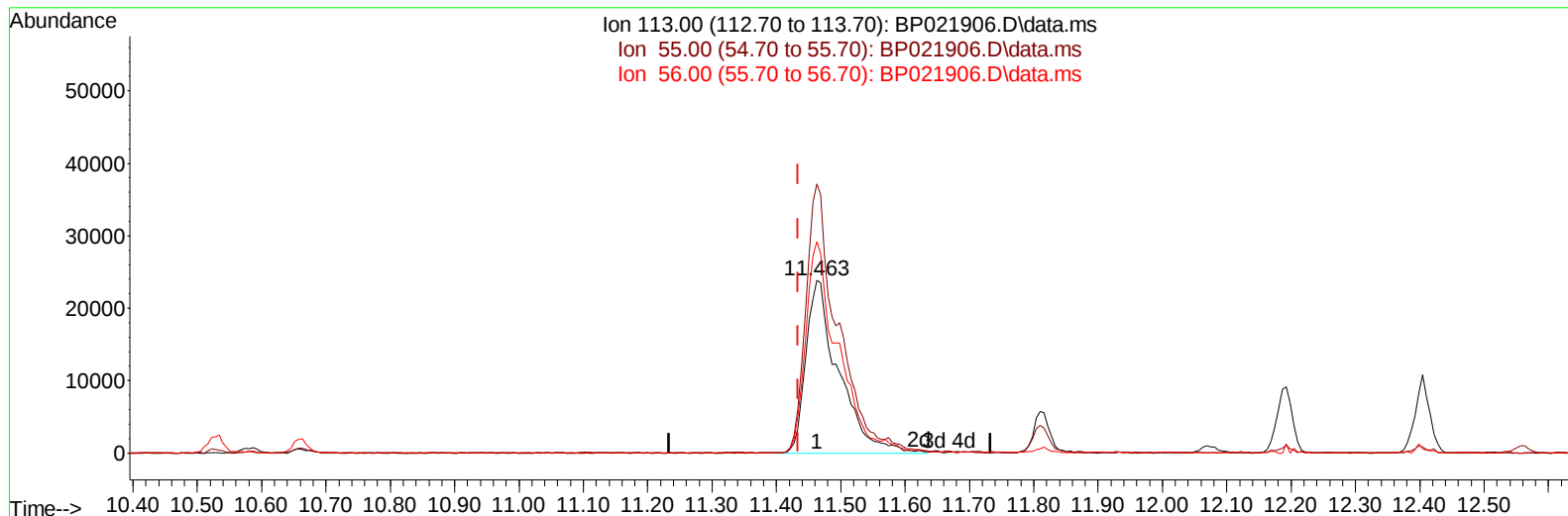
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021906.D
Acq On : 13 Sep 2024 13:06
Operator : RC/JU
Sample : PB163354BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Supervised By :mohammad ahmed 09/16/2024



TIC: BP021906.D\data.ms

(34) Caprolactam

11.463min (+ 0.029) 43.39 ng/ul m

response 83915

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.10	155.63
56.00	108.00	122.50
0.00	0.00	0.00

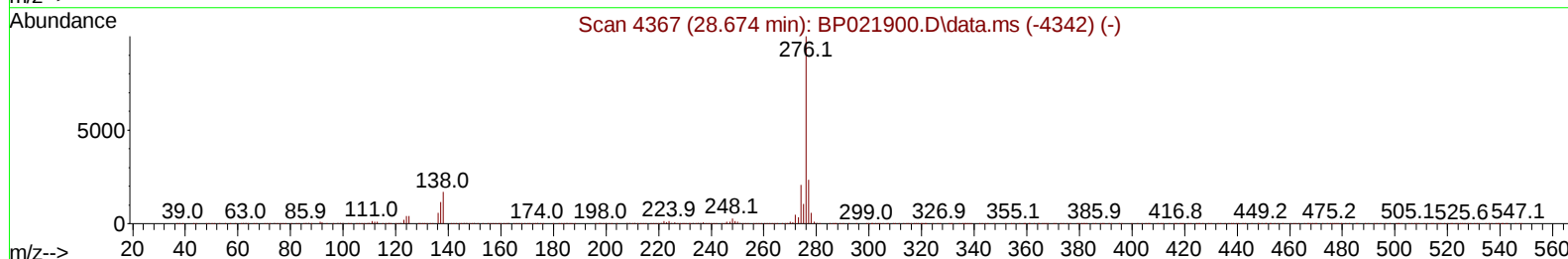
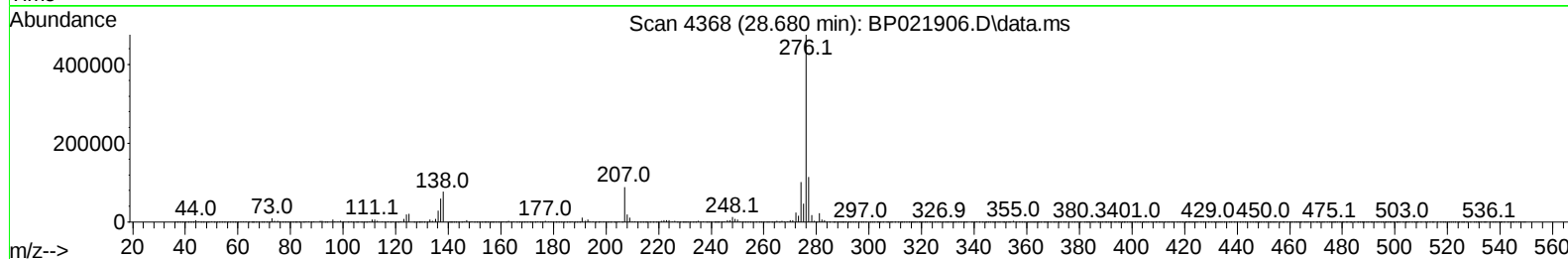
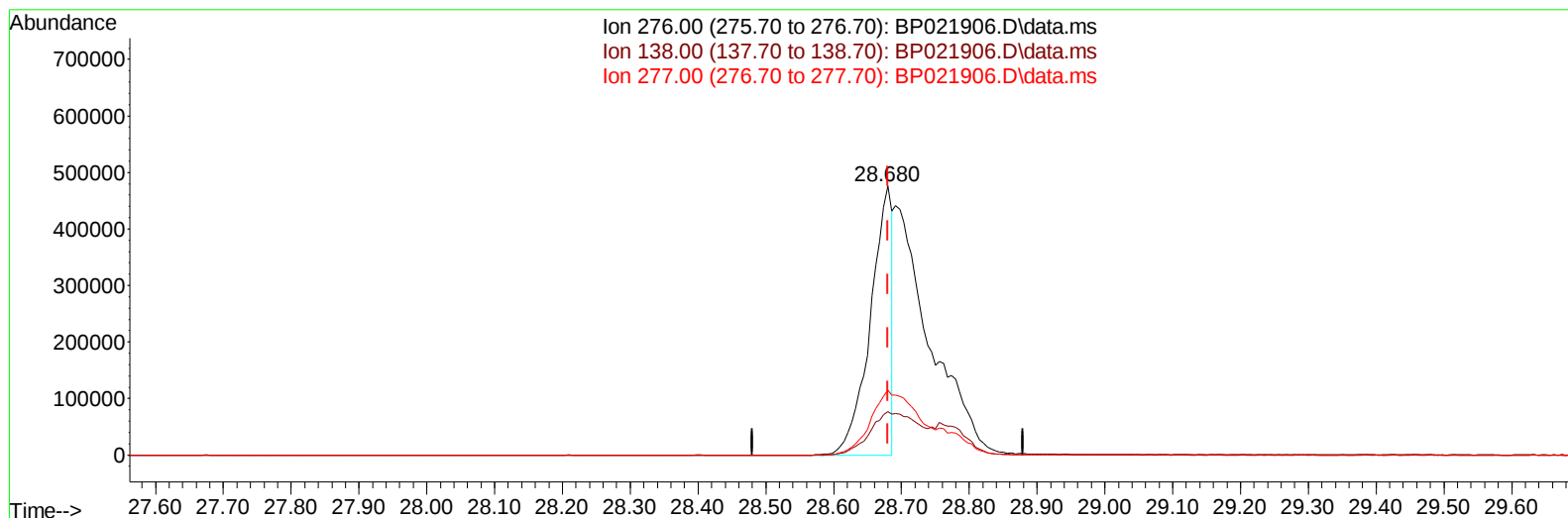
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021906.D
Acq On : 13 Sep 2024 13:06
Operator : RC/JU
Sample : PB163354BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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 :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



TIC: BP021906.D\data.ms

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

28.680min (-0.000) 12.82 ng/u1

response 1062941

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.40	16.24
277.00	23.70	24.11
0.00	0.00	0.00

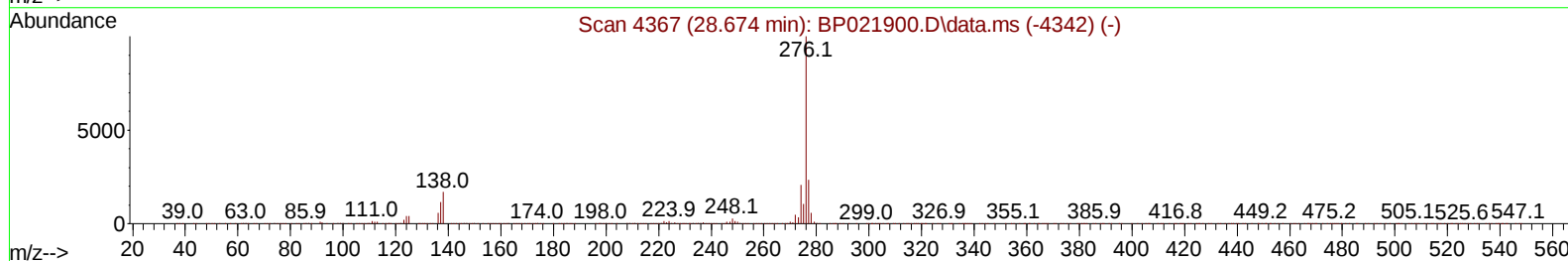
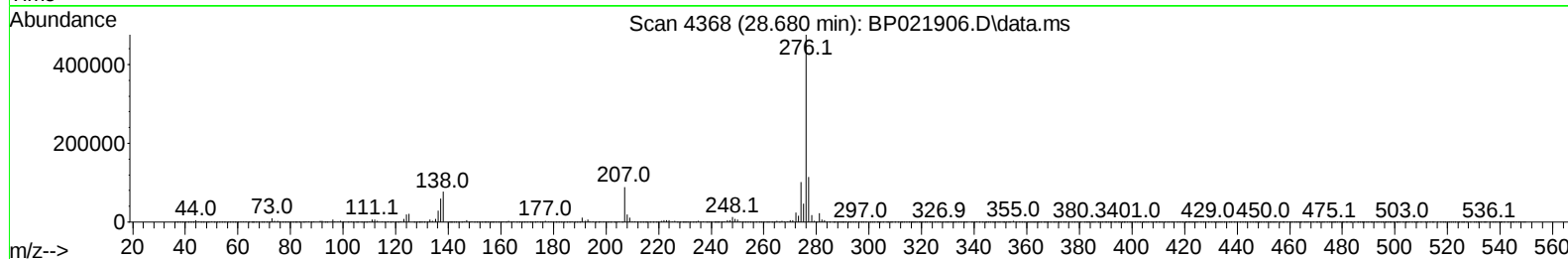
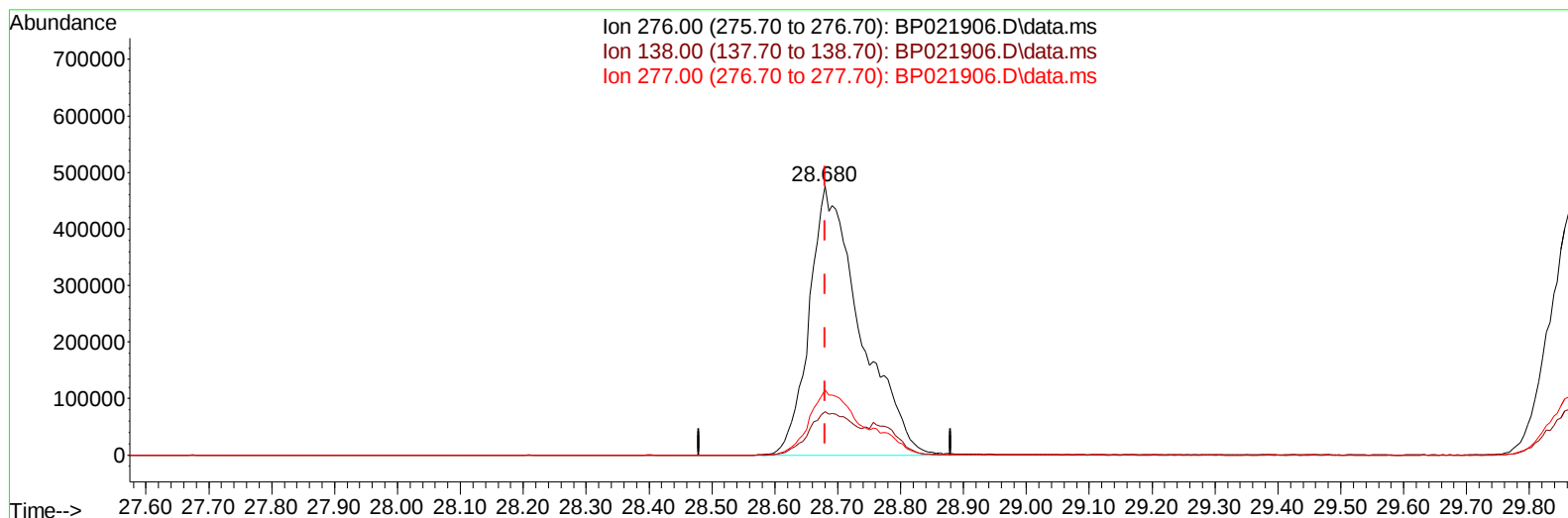
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021906.D
Acq On : 13 Sep 2024 13:06
Operator : RC/JU
Sample : PB163354BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS354

Manual IntegrationsAPPROVED

Quant Time: Sep 13 13:39:30 2024
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Supervised By :mohammad ahmed 09/16/2024



TIC: BP021906.D\data.ms

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

28.680min (-0.000) 32.28 ng/ul m

response 2677362

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.40	16.24
277.00	23.70	24.11
0.00	0.00	0.00

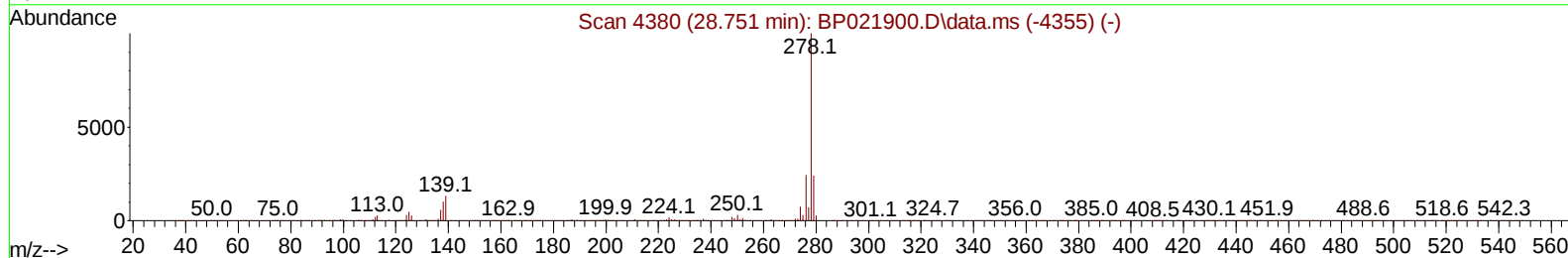
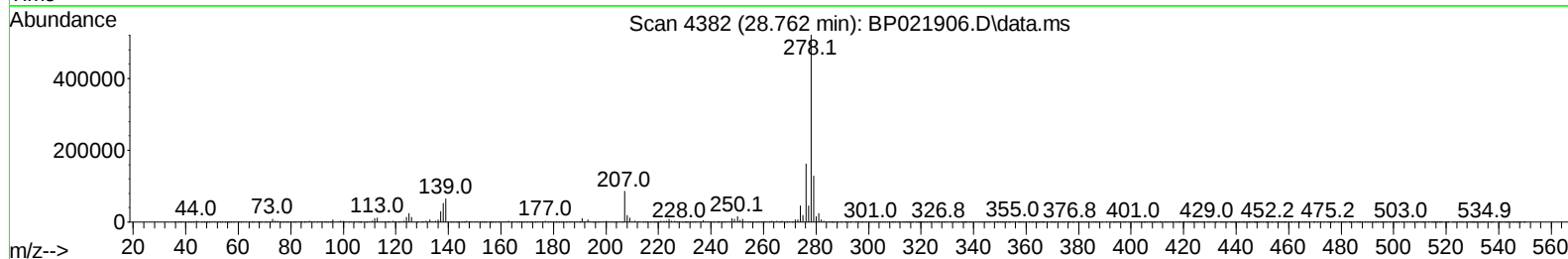
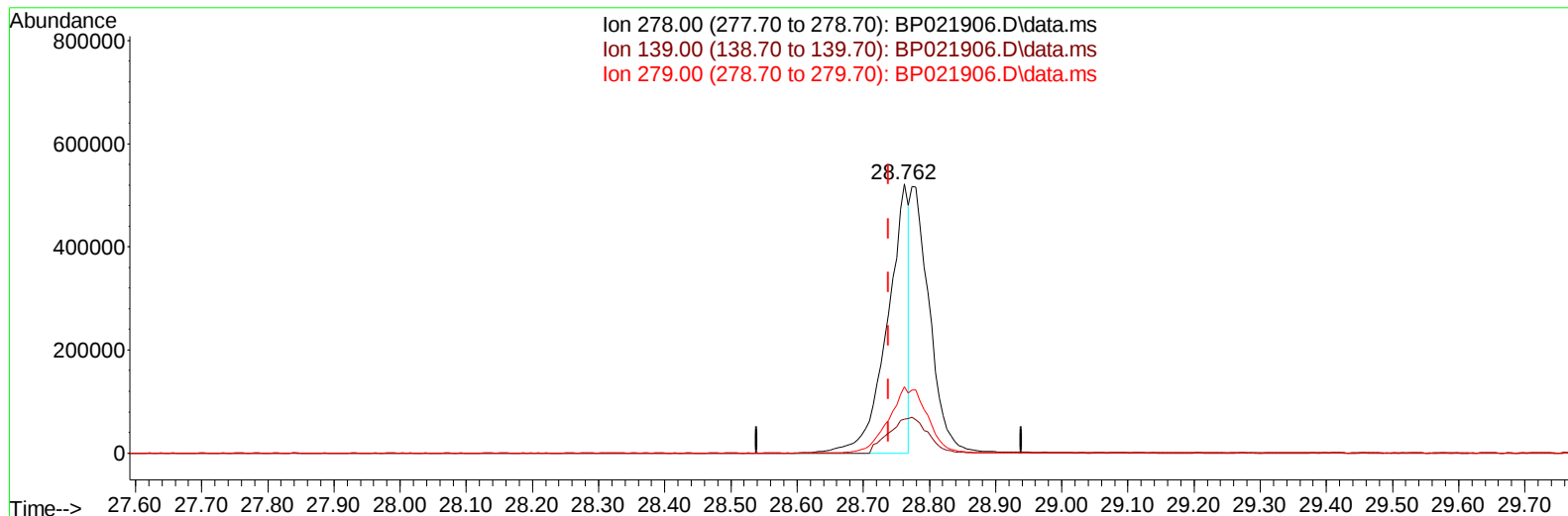
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021906.D
Acq On : 13 Sep 2024 13:06
Operator : RC/JU
Sample : PB163354BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS354

Manual IntegrationsAPPROVED

Quant Time: Sep 13 13:39:30 2024
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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



TIC: BP021906.D\data.ms

(95) Dibenzo(a,h)anthracene

28.762min (+ 0.023) 17.72 ng/u1

response 1183928

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	12.61
279.00	23.70	24.73
0.00	0.00	0.00

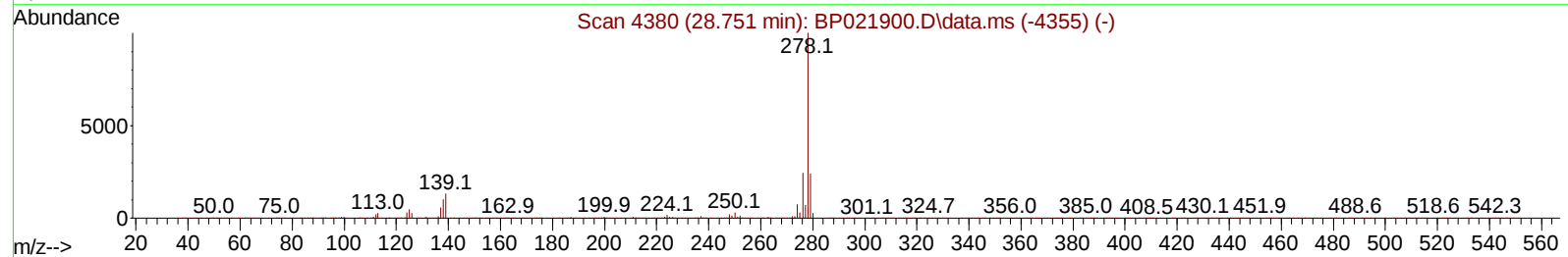
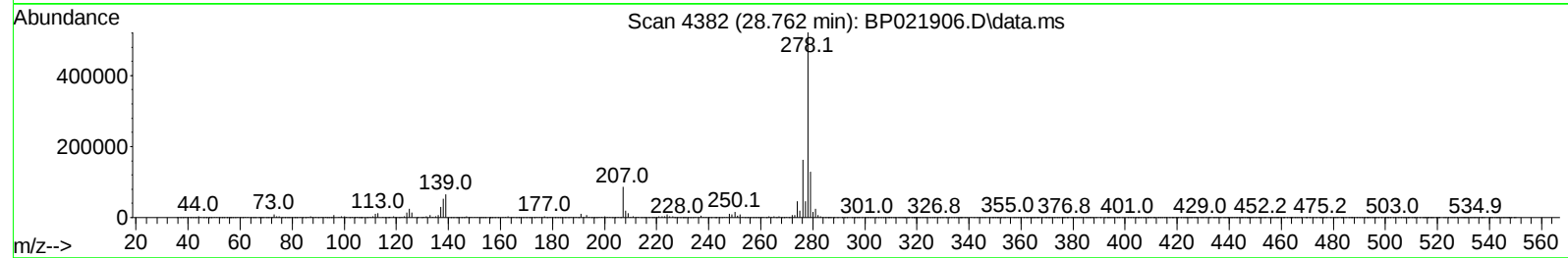
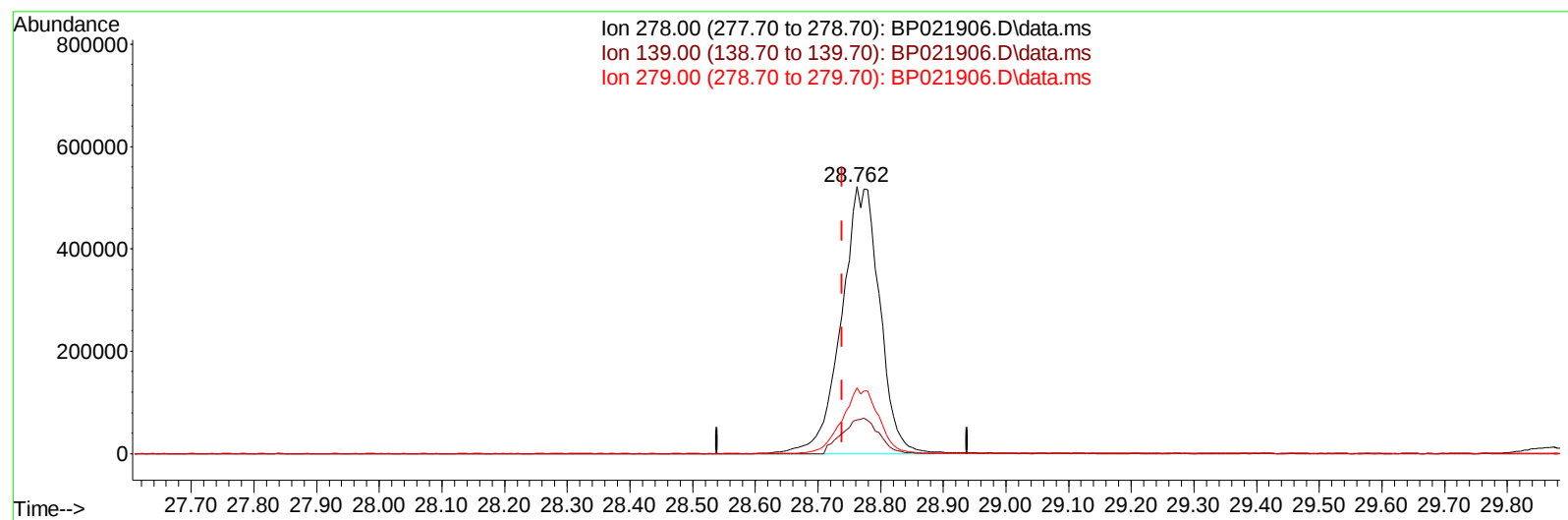
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021906.D
Acq On : 13 Sep 2024 13:06
Operator : RC/JU
Sample : PB163354BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 13 13:39:30 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



TIC: BP021906.D\data.ms

(95) Dibenzo(a,h)anthracene

28.762min (+ 0.023) 33.04 ng/u1 m

response 2207537

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	12.61
279.00	23.70	24.73
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
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 Acq On : 13 Sep 2024 13:06
 Operator : RC/JU
 Sample : PB163354BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS354

Manual IntegrationsAPPROVED

Quant Time: Sep 13 14:29:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 12 12:48:41 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	75050	20.000	ng/ul	0.02
20) Naphthalene-d8	10.528	136	347817	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.369	164	363096	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	914428	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	995403	20.000	ng/ul	0.00
88) Perylene-d12	24.927	264	1151567	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	18176	7.834	ng/uL	0.01
4) Pyridine-d5	3.681	84	194681	28.500	ng/ul	0.02
7) Phenol-d5	6.940	99	193219	30.131	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.098	67	110407	29.642	ng/ul	0.03
11) 2-Chlorophenol-d4	7.298	132	153839	34.463	ng/ul	0.02
15) 4-Methylphenol-d8	8.457	113	160806	31.407	ng/ul	0.03
21) Nitrobenzene-d5	8.898	128	79170	36.548	ng/ul	0.02
24) 2-Nitrophenol-d4	9.616	143	88501	35.939	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.157	165	190985	35.022	ng/ul	0.03
31) 4-Chloroaniline-d4	10.657	131	227007	28.563	ng/ul	0.02
46) Dimethylphthalate-d6	13.775	166	901358	33.042	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	985160	32.923	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	172047	33.363	ng/ul	0.01
60) Fluorene-d10	15.375	176	813811	31.386	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	160568	30.692	ng/ul	0.00
73) Anthracene-d10	17.274	188	1350199	31.787	ng/ul	0.02
81) Pyrene-d10	19.633	212	1785179	32.415	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.680	264	1995746	33.301	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	31873	12.786	ng/ul#	91
5) Pyridine	3.705	79	194912	28.539	ng/ul	98
6) Benzaldehyde	6.910	77	89162	26.585	ng/ul	96
8) Phenol	6.963	94	197120	29.632	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.187	93	146269	29.295	ng/ul	94
12) 2-Chlorophenol	7.334	128	160063	34.861	ng/ul	98
13) 2-Methylphenol	8.198	108	146369	31.115	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.275	45	162985	30.034	ng/ul	96
16) Acetophenone	8.575	105	257407	31.175	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.557	70	127832	32.386	ng/ul	98
18) 4-Methylphenol	8.522	108	164833	31.237	ng/ul	99
19) Hexachloroethane	8.834	117	71444	32.803	ng/ul	96
22) Nitrobenzene	8.945	77	206655	35.611	ng/ul	100
23) Isophorone	9.469	82	370126	34.204	ng/ul	100
25) 2-Nitrophenol	9.651	139	95208	34.935	ng/ul	99
26) 2,4-Dimethylphenol	9.710	107	168147	29.028	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.940	93	218344	32.955	ng/ul	100
29) 2,4-Dichlorophenol	10.181	162	187288	33.569	ng/ul	98
30) Naphthalene	10.581	128	577443	31.183	ng/ul	99
32) 4-Chloroaniline	10.687	127	204531	26.140	ng/ul	99
33) Hexachlorobutadiene	10.869	225	148395	33.395	ng/ul	96
34) Caprolactam	11.463	113	83915m	43.393	ng/ul	
35) 4-Chloro-3-methylphenol	11.810	107	282663	44.817	ng/ul	99

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Manual IntegrationsAPPROVED

Quant Time: Sep 13 14:29:13 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.192	142	577802	42.523	ng/ul	99
37) 1-Methylnaphthalene	12.404	142	580776	41.941	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.557	216	369632	29.897	ng/ul	99
40) Hexachlorocyclopentadiene	12.545	237	188099	26.877	ng/ul	97
41) 2,4,6-Trichlorophenol	12.798	196	204328	26.884	ng/ul	99
42) 2,4,5-Trichlorophenol	12.875	196	239245	28.560	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	832005	31.281	ng/ul	100
44) 2-Chloronaphthalene	13.239	162	657020	30.577	ng/ul	98
45) 2-Nitroaniline	13.439	65	195703	34.280	ng/ul	97
47) Dimethylphthalate	13.822	163	896409	32.434	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	176474	34.362	ng/ul	94
50) Acenaphthylene	14.092	152	1061248	33.375	ng/ul	99
51) 3-Nitroaniline	14.275	138	180402	34.660	ng/ul	96
52) Acenaphthene	14.433	153	719292	31.537	ng/ul	98
53) 2,4-Dinitrophenol	14.486	184	98836	30.445	ng/ul	90
55) 4-Nitrophenol	14.598	109	158089	34.149	ng/ul	94
56) Dibenzofuran	14.775	168	1086794	32.543	ng/ul	98
57) 2,4-Dinitrotoluene	14.733	165	281693	34.987	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.010	232	187543	25.994	ng/ul	97
59) Diethylphthalate	15.216	149	936771	33.761	ng/ul	100
61) Fluorene	15.433	166	895957	30.596	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.427	204	465861	30.550	ng/ul	97
63) 4-Nitroaniline	15.445	138	203600	35.262	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.516	198	175474	30.373	ng/ul	99
67) N-Nitrosodiphenylamine	15.651	169	805552	31.938	ng/ul	98
68) 4-Bromophenyl-phenylether	16.339	248	301221	31.585	ng/ul	98
69) Hexachlorobenzene	16.451	284	358532	31.320	ng/ul	95
70) Atrazine	16.627	200	6595	0.666	ng/ul	90
71) Pentachlorophenol	16.816	266	158413	21.193	ng/ul	97
72) Phenanthrene	17.210	178	1586930	32.036	ng/ul	99
74) Anthracene	17.310	178	1542349	30.805	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.169	216	367355	28.705	ng/uL	98
76) Pentachlorobenzene	14.698	250	385249	30.087	ng/uL	98
77) Carbazole	17.580	167	1475003	32.897	ng/ul	99
78) Di-n-butylphthalate	18.168	149	1663073	33.743	ng/ul	100
80) Fluoranthene	19.292	202	2077321	32.750	ng/ul	99
82) Pyrene	19.663	202	2148384	31.209	ng/ul	99
83) Butylbenzylphthalate	20.604	149	791983	33.462	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.492	252	703708	31.549	ng/ul	99
85) Benzo(a)anthracene	21.574	228	2273714	32.338	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.509	149	1164983	34.072	ng/ul	99
87) Chrysene	21.639	228	2151247	31.990	ng/ul	99
89) Di-n-octyl phthalate	22.774	149	1960034	31.918	ng/ul	100
90) Benzo(b)fluoranthene	23.862	252	2369998	33.142	ng/ul	100
91) Benzo(k)fluoranthene	23.933	252	2359142	33.390	ng/ul	99
93) Benzo(a)pyrene	24.762	252	2170900	32.887	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.680	276	2677362m	32.279	ng/ul	
95) Dibenzo(a,h)anthracene	28.762	278	2207537m	33.039	ng/ul	
96) Benzo(g,h,i)perylene	29.874	276	2152446	32.815	ng/ul	100

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

Instrument :

BNA_P

ClientSampleId :

SLCS354

Manual IntegrationsAPPROVED

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