

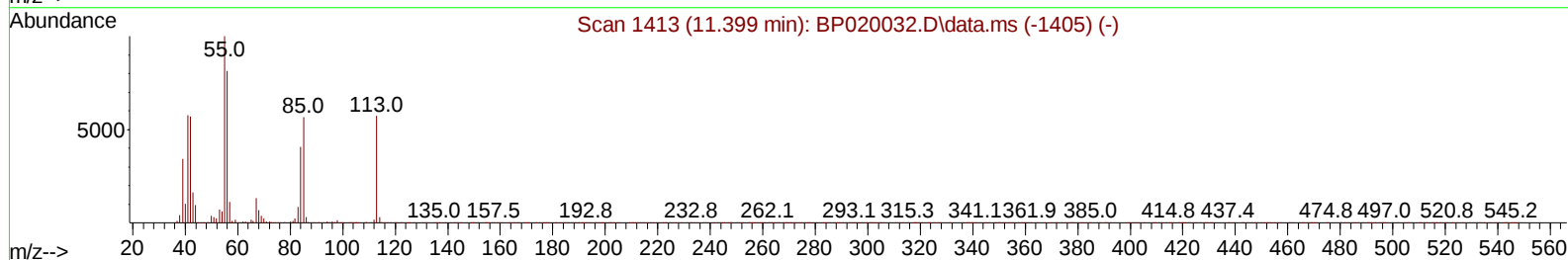
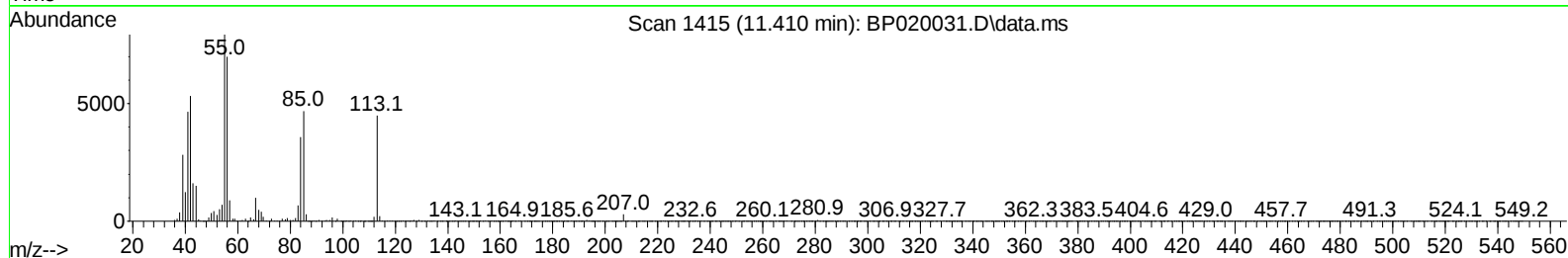
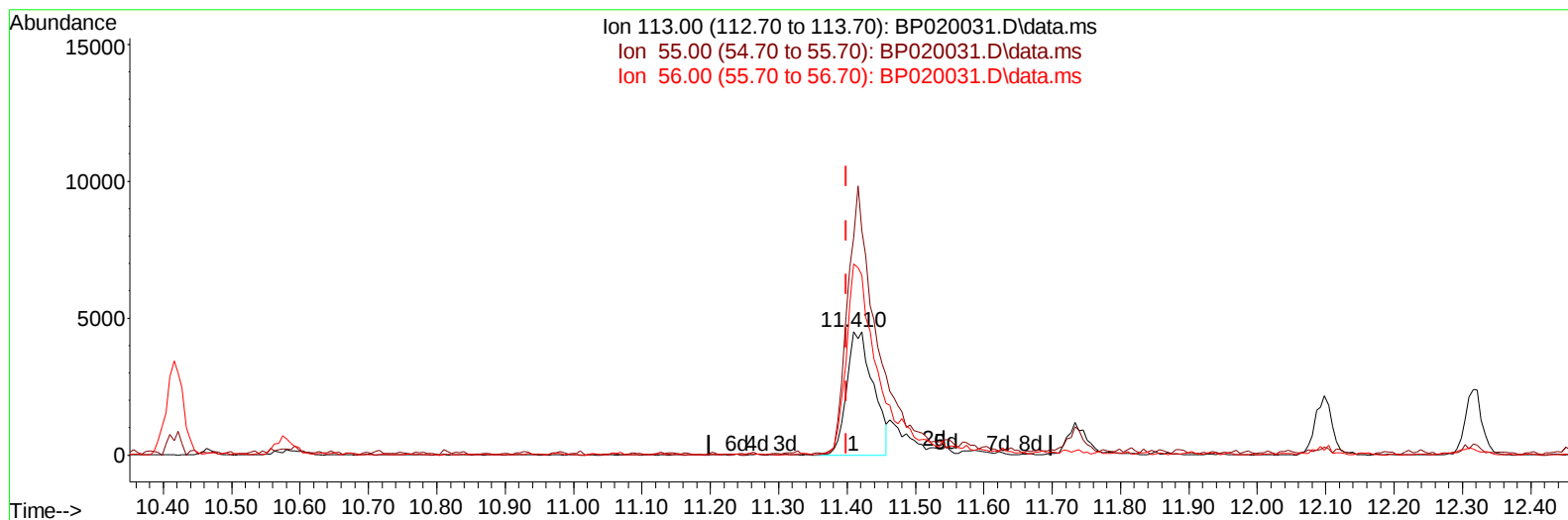
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
Data File : BP020031.D
Acq On : 19 Apr 2024 16:49
Operator : MA/JU
Sample : SSTD01089
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010610

Manual IntegrationsAPPROVED

Quant Time: Apr 20 00:35:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 00:34:02 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



TIC: BP020031.D\data.ms

(34) Caprolactam

11.410min (+ 0.011) 7.30 ng/ul

response 12179

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	176.17
56.00	142.20	155.09
0.00	0.00	0.00

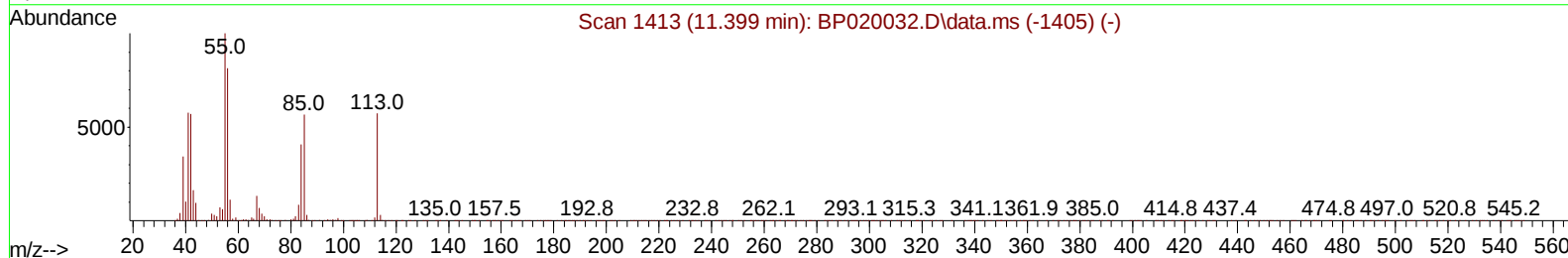
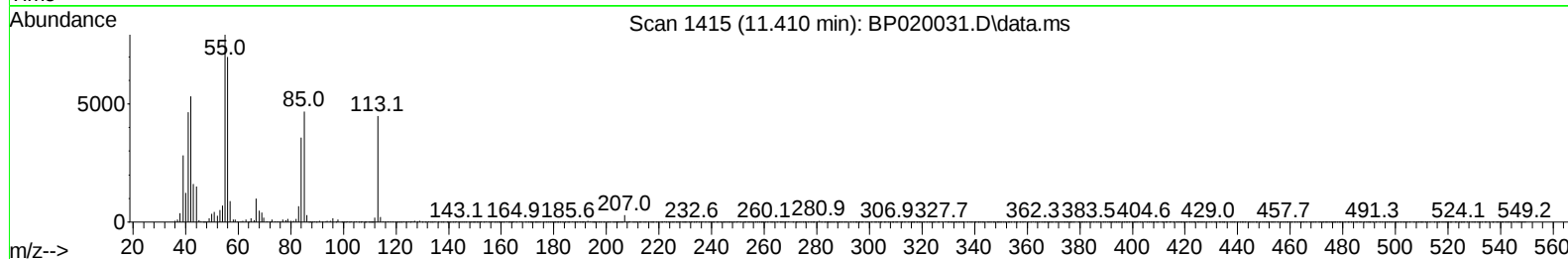
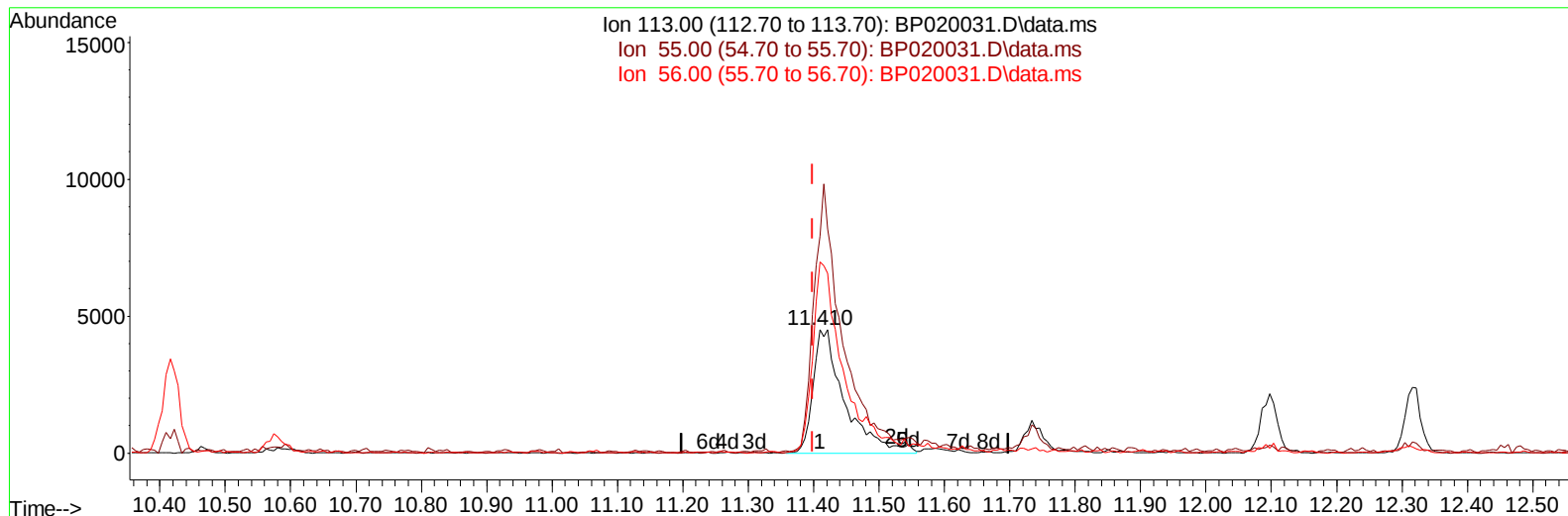
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
 Data File : BP020031.D
 Acq On : 19 Apr 2024 16:49
 Operator : MA/JU
 Sample : SST01089
 Misc :
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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 QLast Update : Sat Apr 20 00:34:02 2024
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Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024



TIC: BP020031.D\data.ms

(34) Caprolactam

11.410min (+ 0.011) 9.10 ng/ul m

response 15178

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	176.17
56.00	142.20	155.09
0.00	0.00	0.00

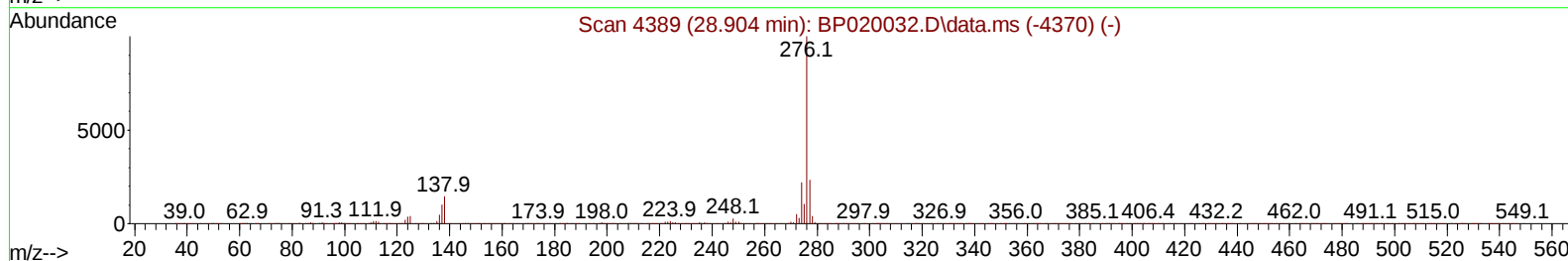
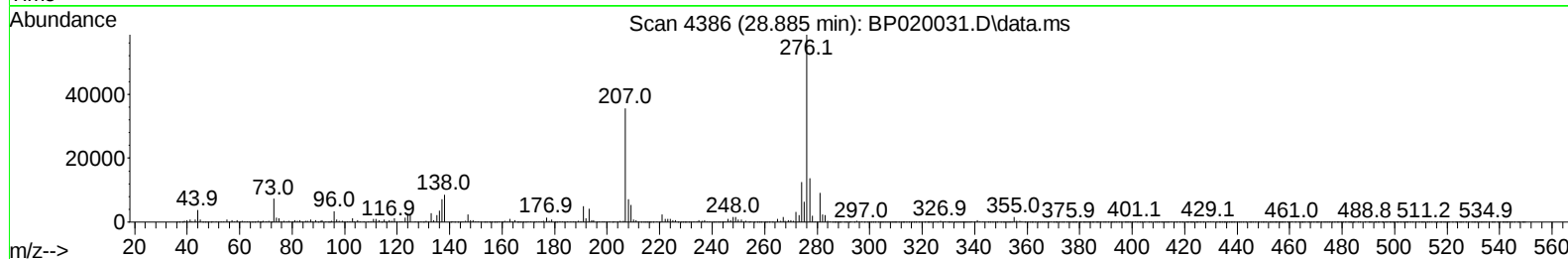
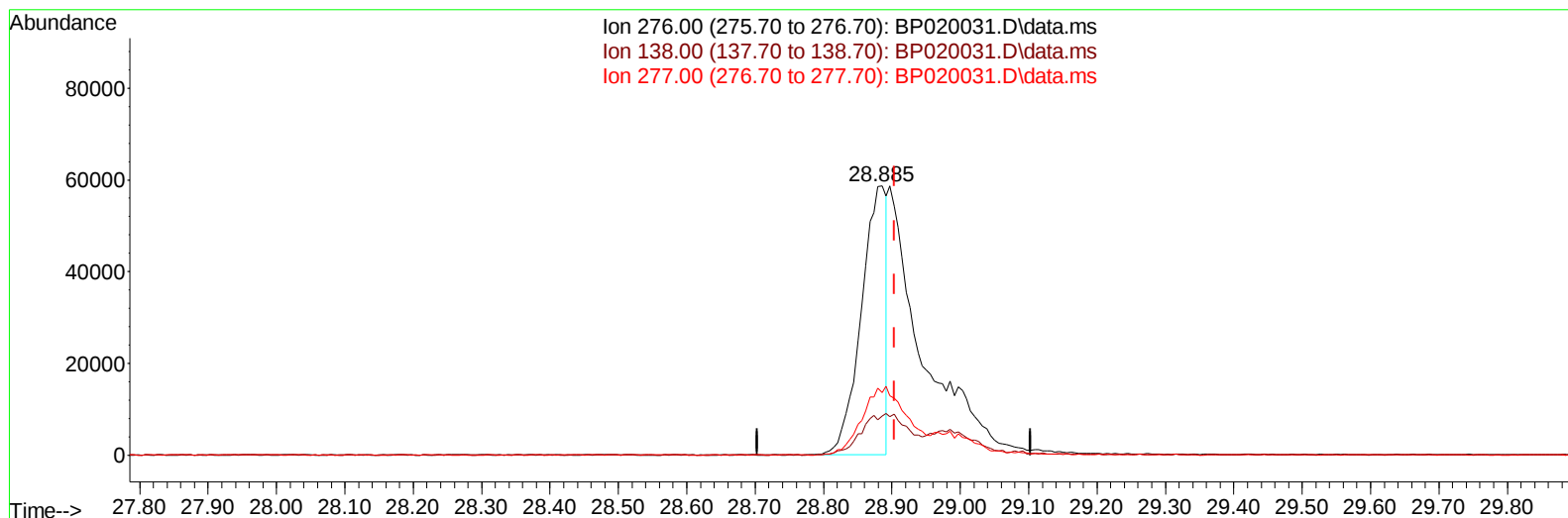
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
Data File : BP020031.D
Acq On : 19 Apr 2024 16:49
Operator : MA/JU
Sample : SSTD01089
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP020031.D\data.ms

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

28.885min (-0.018) 3.90 ng/u1

response 150195

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.60	14.60
277.00	23.30	23.36
0.00	0.00	0.00

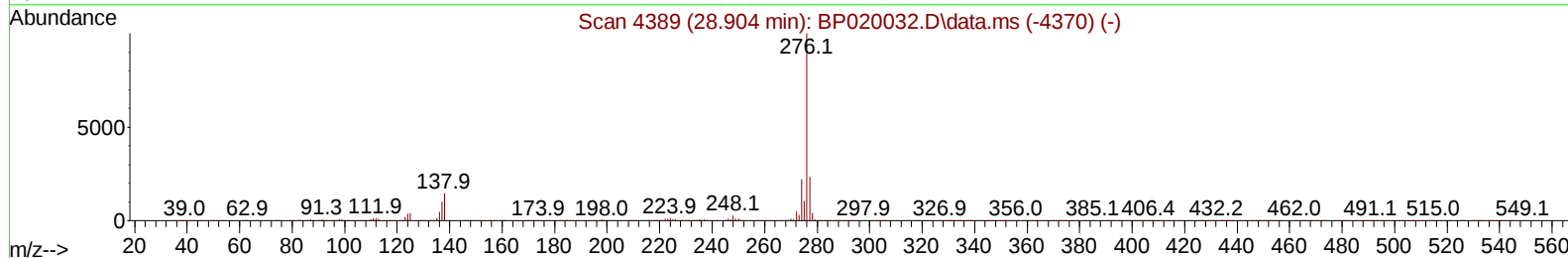
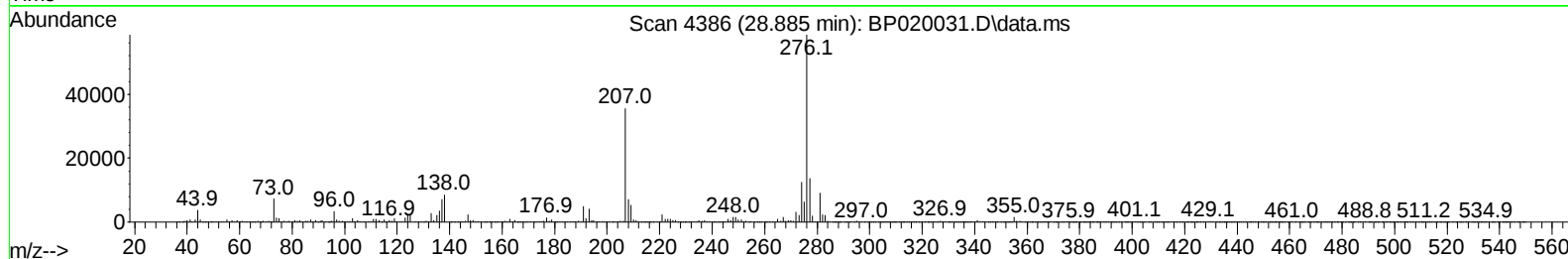
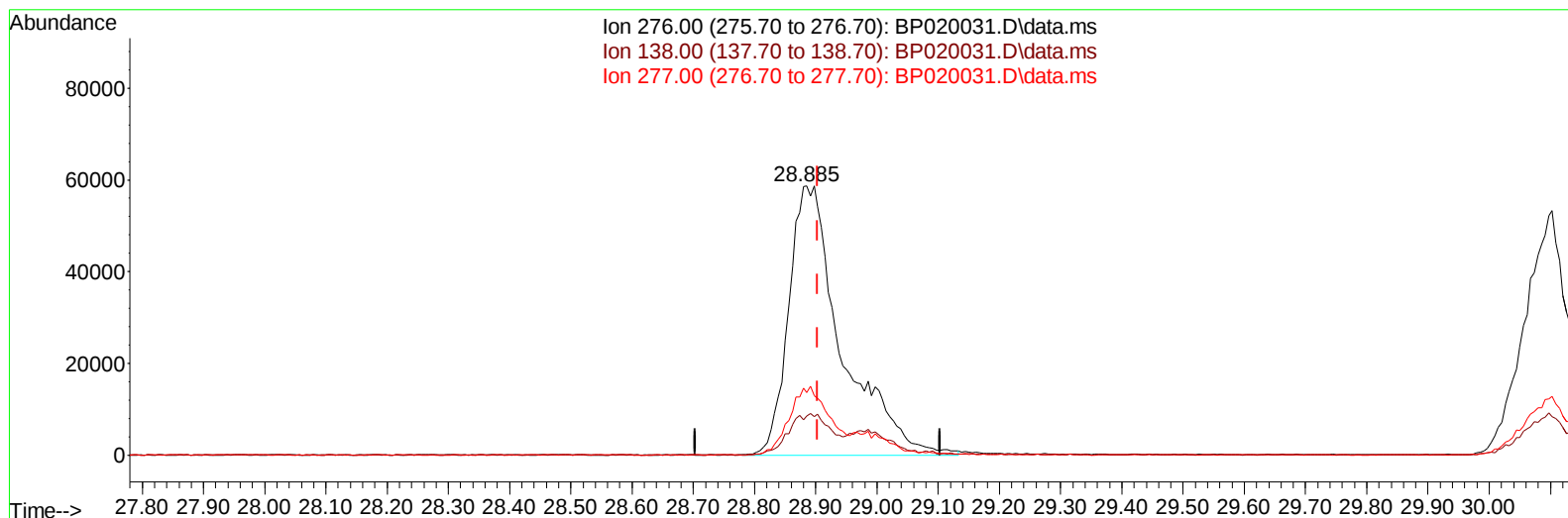
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
Data File : BP020031.D
Acq On : 19 Apr 2024 16:49
Operator : MA/JU
Sample : SSTD01089
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010610

Manual IntegrationsAPPROVED

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TIC: BP020031.D\data.ms

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

28.885min (-0.018) 9.19 ng/ul m

response 353511

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.60	14.60
277.00	23.30	23.36
0.00	0.00	0.00

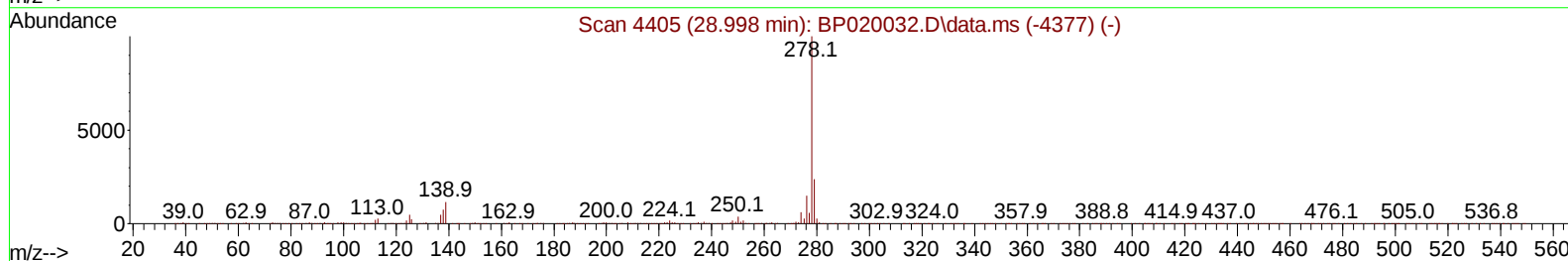
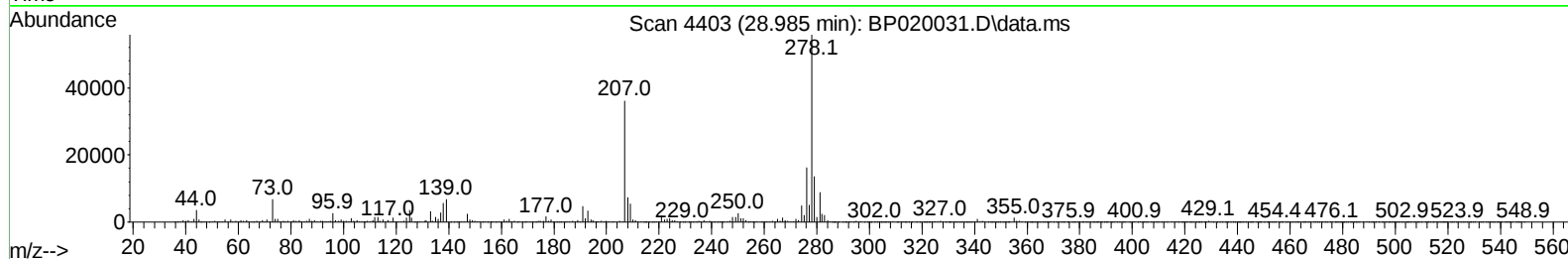
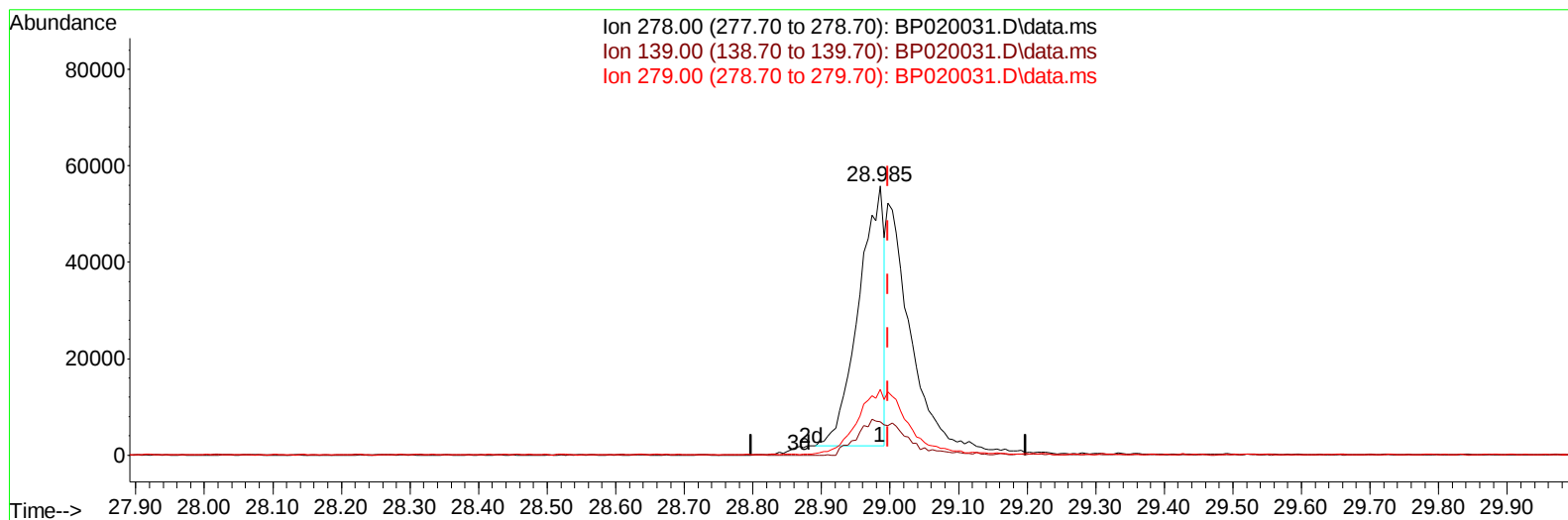
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
Data File : BP020031.D
Acq On : 19 Apr 2024 16:49
Operator : MA/JU
Sample : SSTD01089
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010610

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/22/2024



TIC: BP020031.D\data.ms

(95) Dibenzo(a,h)anthracene

28.985min (-0.012) 4.46 ng/u1

response 139106

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.80	12.37
279.00	23.80	24.40
0.00	0.00	0.00

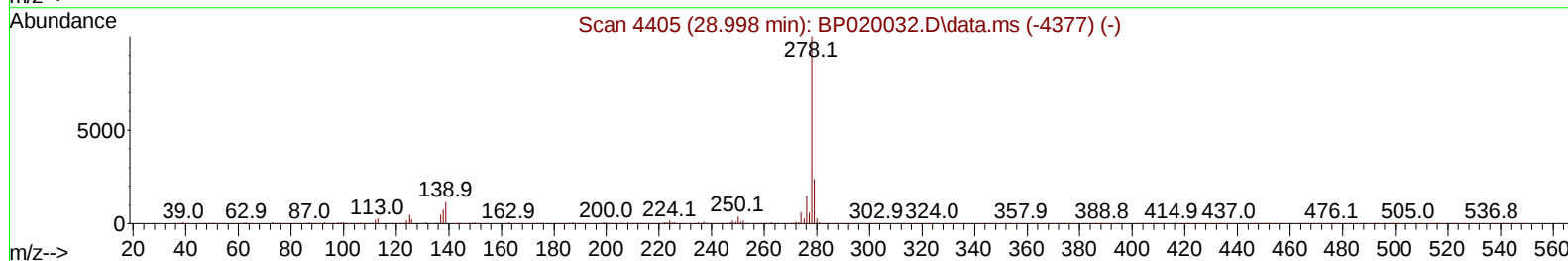
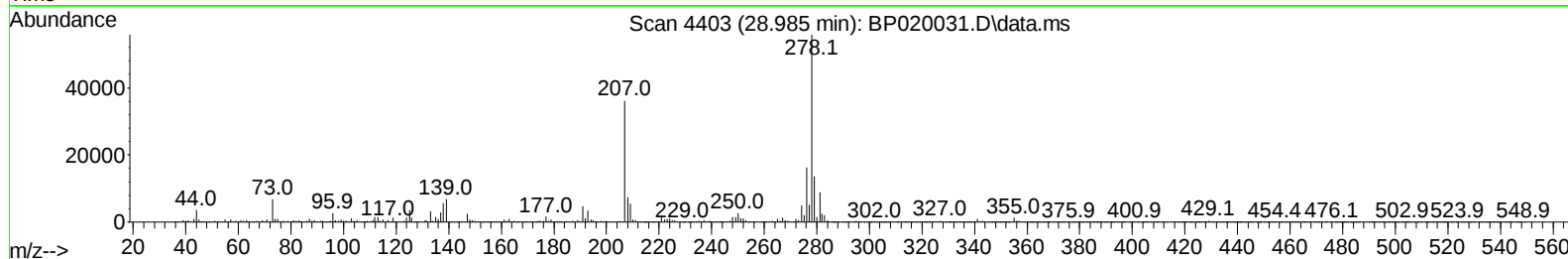
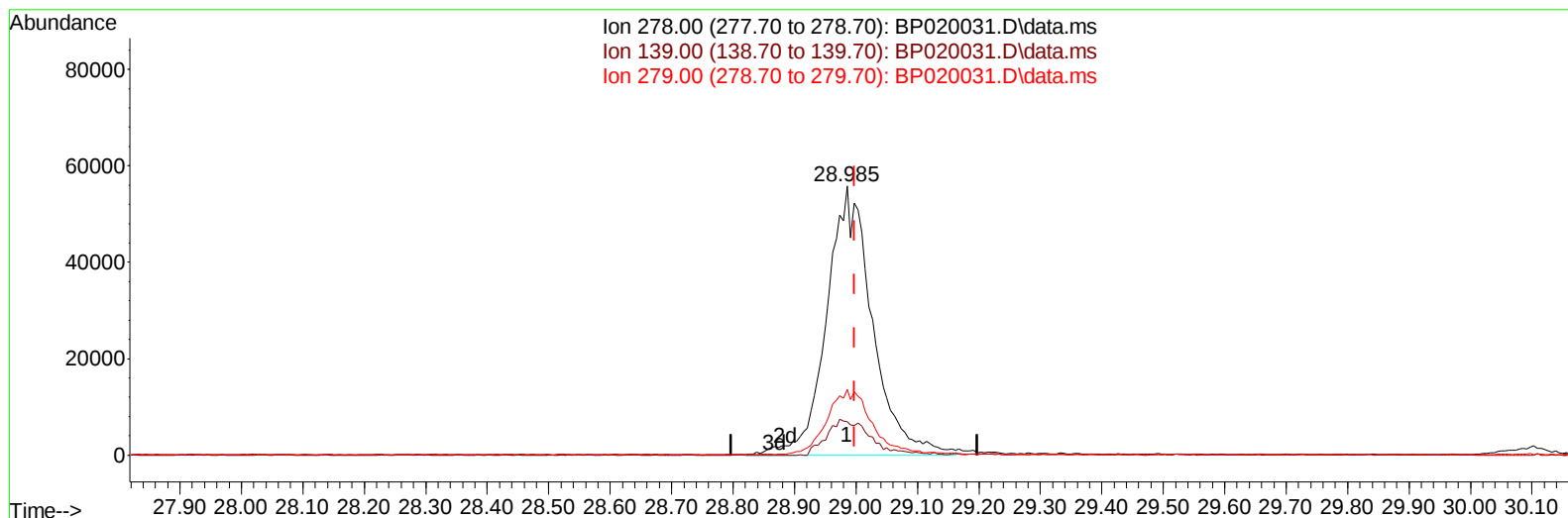
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
Data File : BP020031.D
Acq On : 19 Apr 2024 16:49
Operator : MA/JU
Sample : SSTD01089
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010610

Manual IntegrationsAPPROVED

Quant Time: Apr 20 00:35:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 00:34:02 2024
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Supervised By :mohammad ahmed 04/22/2024



TIC: BP020031.D\data.ms

(95) Dibenzo(a,h)anthracene

28.985min (-0.012) 9.25 ng/u1 m

response 288310

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.80	12.37
279.00	23.80	24.40
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
 Data File : BP020031.D
 Acq On : 19 Apr 2024 16:49
 Operator : MA/JU
 Sample : SST001089
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST0010610

Manual IntegrationsAPPROVED

Quant Time: Apr 20 01:13:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 00:34:02 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/22/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	85050	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	346503	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	229024	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	508009	20.000	ng/ul	0.00
79) Chrysene-d12	21.662	240	495302	20.000	ng/ul	0.00
88) Perylene-d12	25.050	264	541934	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	8395	4.303	ng/uL	0.00
4) Pyridine-d5	3.640	84	54974	9.304	ng/ul	0.00
7) Phenol-d5	6.828	99	66386	9.185	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	49690	10.369	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	47787	9.281	ng/ul	0.00
15) 4-Methylphenol-d8	8.351	113	52234	9.337	ng/ul	0.00
21) Nitrobenzene-d5	8.804	128	22978	8.683	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	24645	8.478	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.057	165	49839	9.171	ng/ul	0.02
31) 4-Chloroaniline-d4	10.581	131	68788	9.688	ng/ul	0.01
46) Dimethylphthalate-d6	13.727	166	156174	9.698	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	185567	9.858	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	17816	7.096	ng/ul	0.00
60) Fluorene-d10	15.339	176	142466	10.356	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	23645	7.789	ng/ul	0.00
73) Anthracene-d10	17.263	188	220520	9.708	ng/ul	0.00
81) Pyrene-d10	19.662	212	257825	8.940	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.815	264	252830	9.638	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	9531	4.201	ng/uL	93
5) Pyridine	3.657	79	58579	9.634	ng/ul	98
6) Benzaldehyde	6.816	77	45088	12.115	ng/ul	96
8) Phenol	6.857	94	70508	9.292	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.087	93	59786	9.683	ng/ul	97
12) 2-Chlorophenol	7.216	128	50557	9.312	ng/ul	98
13) 2-Methylphenol	8.087	108	51669	9.411	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.163	45	90231	10.486	ng/ul	98
16) Acetophenone	8.469	105	93953	10.266	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.445	70	54992	10.592	ng/ul	99
18) 4-Methylphenol	8.410	108	53193	9.011	ng/ul	99
19) Hexachloroethane	8.692	117	25411	9.971	ng/ul	97
22) Nitrobenzene	8.845	77	79015	10.238	ng/ul	97
23) Isophorone	9.363	82	145072	10.106	ng/ul	100
25) 2-Nitrophenol	9.545	139	26426	8.653	ng/ul	98
26) 2,4-Dimethylphenol	9.604	107	65421	9.578	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.851	93	82227	9.882	ng/ul	98
29) 2,4-Dichlorophenol	10.086	162	49066	9.195	ng/ul	98
30) Naphthalene	10.469	128	178096	9.967	ng/ul	99
32) 4-Chloroaniline	10.604	127	68926	9.848	ng/ul	99
33) Hexachlorobutadiene	10.733	225	41771	9.880	ng/ul	98
34) Caprolactam	11.410	113	15178m	9.101	ng/ul	
35) 4-Chloro-3-methylphenol	11.733	107	57700	9.623	ng/ul	98

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 SST0010610

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 20 01:13:01 2024
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.098	142	122645	10.200	ng/ul	97
37) 1-Methylnaphthalene	12.316	142	121225	10.153	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.469	216	73720	9.814	ng/ul	94
40) Hexachlorocyclopentadiene	12.427	237	31944	7.488	ng/ul	97
41) 2,4,6-Trichlorophenol	12.727	196	42279	9.139	ng/ul	95
42) 2,4,5-Trichlorophenol	12.810	196	43991	9.263	ng/ul	98
43) 1,1'-Biphenyl	13.127	154	161474	9.794	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	131178	9.809	ng/ul	97
45) 2-Nitroaniline	13.404	65	38383	9.070	ng/ul	97
47) Dimethylphthalate	13.774	163	161925	9.955	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	27660	8.413	ng/ul	96
50) Acenaphthylene	14.027	152	210513	10.042	ng/ul	99
51) 3-Nitroaniline	14.257	138	26154	8.665	ng/ul#	91
52) Acenaphthene	14.380	153	138972	10.003	ng/ul	98
53) 2,4-Dinitrophenol	14.480	184	13720	7.294	ng/ul	99
55) 4-Nitrophenol	14.586	109	21339	8.833	ng/ul	95
56) Dibenzofuran	14.727	168	195673	10.307	ng/ul	100
57) 2,4-Dinitrotoluene	14.727	165	41764	9.290	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.969	232	40262	9.758	ng/ul#	93
59) Diethylphthalate	15.174	149	163740	10.063	ng/ul	99
61) Fluorene	15.398	166	161151	10.353	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	86034	10.262	ng/ul	95
63) 4-Nitroaniline	15.457	138	23234	8.926	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.510	198	23988	7.457	ng/ul#	96
67) N-Nitrosodiphenylamine	15.627	169	131748	9.347	ng/ul	98
68) 4-Bromophenyl-phenylether	16.321	248	51606	9.289	ng/ul	98
69) Hexachlorobenzene	16.421	284	56118	9.158	ng/ul	93
70) Atrazine	16.621	200	49065	9.131	ng/ul	93
71) Pentachlorophenol	16.798	266	29700	8.168	ng/ul	96
72) Phenanthrene	17.204	178	254434	9.640	ng/ul	100
74) Anthracene	17.298	178	254448	9.430	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.086	216	72573	8.817	ng/uL	97
76) Pentachlorobenzene	14.639	250	69455	9.078	ng/uL	94
77) Carbazole	17.598	167	222841	9.669	ng/ul	99
78) Di-n-butylphthalate	18.192	149	267146	9.374	ng/ul	99
80) Fluoranthene	19.309	202	305166	8.982	ng/ul#	95
82) Pyrene	19.698	202	320529	9.127	ng/ul	97
83) Butylbenzylphthalate	20.674	149	117150	8.342	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.574	252	102135	9.707	ng/ul	98
85) Benzo(a)anthracene	21.639	228	340571	9.904	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	181880	8.773	ng/ul	100
87) Chrysene	21.709	228	320202	9.955	ng/ul	99
89) Di-n-octyl phthalate	22.903	149	306852	8.999	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	314502	9.787	ng/ul	100
91) Benzo(k)fluoranthene	24.050	252	324254	9.924	ng/ul	99
93) Benzo(a)pyrene	24.886	252	304510	9.780	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.885	276	353511m	9.188	ng/ul	
95) Dibenzo(a,h)anthracene	28.985	278	288310m	9.254	ng/ul	
96) Benzo(g,h,i)perylene	30.103	276	280559	9.043	ng/ul	99

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

Instrument :

BNA_P

ClientSampleId :

SSTD010610

Manual IntegrationsAPPROVED

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